

# AGENDA

## CITY OF HOUSTON ■ CITY COUNCIL

June 18th & 19th, 2019

**MAYOR**  
SYLVESTER TURNER

**CONTROLLER**  
CHRIS B. BROWN

### DISTRICT COUNCIL MEMBERS

Brenda Stardig  
District A

Steve Le  
District F

Jerry Davis  
District B

Greg Travis  
District G

Ellen R. Cohen  
District C

Karla Cisneros  
District H

Dwight A. Boykins  
District D

Robert Gallegos  
District I

Dave Martin  
District E

Mike Laster  
District J

Martha Castex-Tatum  
District K

### AT-LARGE COUNCIL MEMBERS

Mike Knox  
Position 1

Michael Kubosh  
Position 3

David W. Robinson  
Position 2

Amanda K. Edwards  
Position 4

Jack Christie D.C.  
Position 5

Marta Crinejo Director - City Council Agenda

Anna Russell City Secretary

In accordance with the Texas Open Meetings Act the agenda is posted for public information, at all times, for at least 72 hours preceding the scheduled time of the meeting on the bulletin board located on the exterior wall of the City Hall building at 901 Bagby.

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To reserve time to appear before Council call 832-393-1100 or come to the Office of the City Secretary, City Hall Annex, Public Level at least 30 minutes prior to the scheduled public session shown on the agenda.

**NOTE: If a translator is required, please advise when reserving time to speak**

**AGENDA - COUNCIL MEETING Tuesday, June 18, 2019 - 1:30 PM**  
**City Hall Chamber**

**PRESENTATIONS**

**2:00 P.M. – INVOCATION AND PLEDGE OF ALLEGIANCE**

**Council Member Cohen**

**ROLL CALL AND ADOPT MINUTES OF PREVIOUS MINUTES**

**PUBLIC SPEAKERS** - Pursuant to City Council Rule 8, City Council will hear from members of the public; the names and subject matters of persons who had requested to speak at the time of posting this Agenda are attached; the names and subject matters of persons who subsequently request to speak may be obtained in the City Secretary's Office.

**NOTE: If a translator is required, please advise when reserving time to speak**

**SP061819**

**RECESS**

**RECONVENE**

**WEDNESDAY - June 19, 2019 - 9:00 A. M.**

DESCRIPTIONS OR CAPTIONS OF AGENDA ITEMS WILL BE READ BY  
THE  
CITY SECRETARY PRIOR TO COMMENCEMENT

**HEARINGS**

1. **PUBLIC HEARING** on the City Budgets for the time period July 1, 2019 through June 30, 2020

**MAYOR'S REPORT**

**CONSENT AGENDA NUMBERS 2 through 36**

**MISCELLANEOUS - NUMBERS 2 and 3**

2. M2019-305 REQUEST from Mayor for confirmation of the appointment or reappointment of the following individuals to the **HARRIS COUNTY IMPROVEMENT DISTRICT NO. 4 (ENERGY CORRIDOR MANAGEMENT DISTRICT) BOARD OF DIRECTORS**, for terms to expire June 1, 2023:
  - Position Six - **THOMAS J. HALASKA**, appointment
  - Position Seven - **ROBERT B. HALICK**, reappointment
  - Position Eight - **DAVID L. LANE**, appointment
  - Position Nine - **CHASE B. CRAWFORD**, appointment

3. M2019-306 REQUEST from Mayor for confirmation of the appointment or reappointment of the following individuals to the **HOUSTON ARCHAEOLOGICAL AND HISTORICAL COMMISSION CITY OF HOUSTON**:
- Position One - **ASHLEY ELIZABETH JONES**, appointment, for a term to expire March 1, 2021
  - Position Two - **MINNETTE B. BOESEL**, reappointment, for a term to expire March 1, 2020
  - Position Three - **URMILA SRINIVASAN**, reappointment, for a term to expire March 1, 2021
  - Position Four - **JOSÉ F. ARANDA, JR.**, appointment, for a term to expire March 1, 2020
  - Position Five - **DAVID BUCEK**, reappointment, for a term to expire March 1, 2021
  - Position Six - **ELIZABETH WIEDOWER JACKSON**, appointment, for a term to expire March 1, 2020
  - Position Seven - **JOHN COSGROVE**, reappointment, for a term to expire March 1, 2021
  - Position Eight - **STEPHEN McNEIL**, reappointment, for a term to expire March 1, 2020
  - Position Nine - **STEVEN F. CURRY**, appointment, for a term to expire March 1, 2021

#### **ACCEPT WORK - NUMBERS 4 and 5**

4. M2019-335 RECOMMENDATION from Director Houston Public Works for approval of final contract amount of \$2,171,469.40 and acceptance of work on contract with **JERDON ENTERPRISE, L.P.** for FY2013 Flood Gauge and Flood Warning System Construction Work Orders, Work Order No. 5 - 0.76% over the original contract amount and under 5% contingency amount - **DISTRICTS H - CISNEROS and I - GALLEGOS**
5. M2019-336 RECOMMENDATION from Director Houston Public Works for approval of final contract amount of \$3,478,574.88 and acceptance of work on contract with **INDUSTRIAL TX CORP.** for Lift Station Renewal and Replacement - Tidwell Road No. 1, Iroquois, West Canino Road and John Alber Road - 3.91% over the original contract amount and under 5% contingency amount - **DISTRICTS B - DAVIS and H - CISNEROS**

#### **PURCHASING AND TABULATION OF BIDS - NUMBERS 6 and 7**

6. M2019-337 **MUNICIPAL EMERGENCY SERVICES, INC** for the purchase of Fire Protective Gloves for the Fire Department - \$8,114.10 - General Fund
7. M2019-338 APPROVE payment to **CARRIER CORPORATION** for Heating, Ventilation, and Air Conditioning Services for the Solid Waste Management Department - \$86,775.00 - General Fund

#### **ORDINANCES - NUMBERS 8 through 36**

8. O2019-459 ORDINANCE related to the Fiscal Affairs of the City; approving the annual budgets of the City of Houston, Texas, for Fiscal Year 2020, including provisions for future adjustment to certain fund balances; making various amendments to the proposed budgets; authorizing certain transfers; re-designating a Cash Reserve in the Fund Balance; establishing a cost for copies of the budget; making other provisions related to the subject; making certain findings related thereto; providing a repealing clause; providing for severability
9. O2019-454 ORDINANCE ratifying the adoption of the Fiscal Year 2020 annual Budgets raising more revenue from ad valorem (property) taxes due to increased property valuations and the addition of property to the tax roll than in Fiscal Year 2019; setting an effective date  
**This item should only be considered after passage of Item 8 above**
10. O2019-455 ORDINANCE providing for the continuation of appropriations for the support of the City Government pursuant to the requirements of Article VIa, Section 1 of the City Charter; authorizing certain transfers; making other provisions related to the subject; containing a repealer and a severability clause
11. O2019-456 ORDINANCE supplementing Ordinance No. 2009-1118 relating to the issuance of City of Houston, Texas, Combined Utility System Commercial Paper Notes, Series B-4; authorizing the substitution of the credit facility, the execution and delivery of a reimbursement agreement, bank fee letter, a bond counsel agreement, and approving an updated offering memorandum in connection therewith; resolving other matters related thereto; and declaring an emergency
12. **TAG CM Edwards and Cisneros** ORDINANCE finding and determining that public convenience and necessity no longer require the continued use of a portion of Norwood Street, from Canal Street north to the H.B. & T. Railroad Company right of way, situated in the Samuel M. Williams Survey, Abstract No. 87, Harris County, Texas; abandoning the street portion to Harris County, the abutting owner, in consideration of its payment to the City of \$164,341.00, conveyance to the City of a full-width-utility easement and two right-of-way easements, and other good and valuable consideration - **DISTRICT H - CISNEROS**
13. **\*\*\*PULLED – This item will not be considered on 6/19**  
ORDINANCE appropriating an additional \$5,445,213.75 in Tax Increment Reinvestment Zone Funds to provide funding for the Master Contractor Agreements under the Home Repair Program authorized by Ordinance No. 2018-56, as amended, thereby increasing the maximum amount of the Master Contractor Agreements executed pursuant thereto
14. O2019-457 ORDINANCE approving and authorizing Amendment No. 1 to lease agreement C75842 between the City of Houston, Texas and **SIGNATURE FLIGHT SUPPORT CORPORATION**, for the FAA-required exchange of certain premises at William P. Hobby Airport - Revenue - **DISTRICT I - GALLEGOS**
15. **\*\*\*PULLED – This item will not be considered on 6/19**  
ORDINANCE appropriating \$20,856,710.00 out of Houston Airport

System Consolidated 2011 NonAMT Construction Fund, awarding contract to **SUPER EXCAVATORS, INC** for Sanitary Sewer Improvements and related facilities serving the Terminal A Area (Project No. 699); setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering testing services, and contingencies relating to construction of facilities financed by the Houston Airport System Consolidated 2011 NonAMT Construction Fund - **DISTRICT B - DAVIS**

16. O2019-470 ORDINANCE appropriating \$67,493,750.20 out of Tax Increment Funds for Reinvestment Zone Number One, City of Houston, Texas (Lamar Terrace Zone), Reinvestment Zone Number Two, City of Houston, Texas (Midtown Zone), Reinvestment Zone Number Three, City of Houston, Texas (Main Street/Market Square Zone), Reinvestment Zone Number Six, City of Houston, Texas (Eastside Zone), Reinvestment Zone Number Seven, City of Houston, Texas (Old Spanish Trail/Almeda Corridors Zone), Reinvestment Zone Number Eight, City of Houston, Texas (Gulfgate Zone), Reinvestment Zone Number Nine, City of Houston, Texas (South Post Oak Zone), Reinvestment Zone Number Ten, City of Houston Texas (Lake Houston Zone), Reinvestment Zone Number Eleven, City of Houston, Texas (Greater Greenspoint Zone), Reinvestment Zone Number Twelve, City of Houston, Texas (City Park Zone), Reinvestment Zone Number Thirteen, City of Houston, Texas (Old Sixth Ward Zone), Reinvestment Zone Number Fourteen, City of Houston, Texas (Fourth Ward Zone), Reinvestment Zone Number Fifteen, City of Houston, Texas (East Downtown Zone), Reinvestment Zone Number Sixteen, City of Houston, Texas (Uptown Zone), and Reinvestment Zone Number Eighteen, City of Houston, Texas (Fifth Ward Zone), for affordable housing, administrative expenses, payments to **HOUSTON INDEPENDENT SCHOOL DISTRICT** and **HUMBLE INDEPENDENT SCHOOL DISTRICT** for Educational Facilities, and payments to certain redevelopment authorities as provided herein
17. O2019-471 ORDINANCE appropriating \$142,610,736.84 out of City of Houston, Texas Tax Increment Funds for Reinvestment Zone Numbers One (Lamar Terrace Zone), Two (Midtown Zone), Three (Main Street/Market Square Zone), Five (Memorial Heights Zone), Six (Eastside Zone), Seven (Old Spanish Trail/Almeda Corridors Zone), Eight (Gulfgate Zone), Nine (South Post Oak Zone), Ten (Lake Houston Zone), Eleven (Greater Greenspoint Zone), Twelve (City Park Zone), Thirteen (Old Sixth Ward Zone), Fourteen (Fourth Ward Zone), Fifteen (East Downtown Zone), Sixteen (Uptown Zone), Seventeen (Memorial City Zone), Eighteen (Fifth Ward Zone), Nineteen (Upper Kirby Zone), Twenty (Southwest Houston Zone), Twenty-One (Hardy/Near Northside Zone), Twenty-Two (Leland Woods Zone), Twenty-Three (Harrisburg Zone), Twenty-Four (Greater Houston Zone), Twenty-Five (Hiram Clarke/Fort Bend Zone), Twenty-Six (Sunnyside Zone), and Twenty-Seven (Montrose Zone) for payment of Affordable Housing Costs, payment of Administrative Expenses, payment of Project Costs, payment to Houston Housing Finance Corporation, and payments to certain redevelopment authorities as provided herein

18. **O2019-458** ORDINANCE approving and authorizing second amendment to contract between the City and **THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER at HOUSTON** for Behavioral Surveillance Services
19. **O2019-472** ORDINANCE accepting the proposal from **TEXAS MUNICIPAL LEAGUE INTERGOVERNMENTAL RISK POOL**; approving and authorizing the purchase of Property, Radio Equipment and Tower Insurance - \$361,312.00 - Property & Casualty Fund
20. **O2019-459** ORDINANCE approving and authorizing submission of an application for and acceptance of the **U.S. DEPARTMENT OF JUSTICE FY2018 JUSTICE REINVESTMENT INITIATIVE PROGRAM GRANT**; declaring the City's eligibility for such grant; authorizing the Police Chief of the City of Houston Police Department to act as the City's representative to accept such grant funds, and to apply for and accept all subsequent awards, if any, pertaining to the Program - \$1,250,000.00 - Grant Fund
21. **O2019-460** ORDINANCE approving and authorizing an Interlocal Agreement between the City of Houston and **KATY INDEPENDENT SCHOOL DISTRICT** for the Internet Crimes Against Children Task Force Program - \$136,200.52 - Grant Funds
22. **O2019-473** ORDINANCE appropriating \$70,000.00 out of Police Consolidated Construction Fund to the In-House Renovation Revolving Fund for Houston Police Department Westside Substation Repairs - **DISTRICT F - LE**
23. **TAGGED CM Cisneros** ORDINANCE appropriating \$85,000 out of Parks Special Fund; \$20,057 out of Parks & Recreation Dedication Fund; \$1,847,000 out of Parks Consolidated Construction Fund; awarding construction contract to **MILLIS DEVELOPMENT & CONSTRUCTION, LLC** for Squatty Lyons Park; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for contingencies, Civic Art Program, and engineering and materials testing services relating to construction of facilities financed by the Parks Special Fund, Parks & Recreation Dedication Fund and Parks Consolidated Construction Fund - **DISTRICT H - CISNEROS**
24. **O2019-474** ORDINANCE appropriating \$355,700.00 out of Miscellaneous Capital Projects/Acquisitions Series E Fund; approving and authorizing Professional Architectural Services Contract between the City of Houston and **RYDEN ARCHITECTURE, LLC** for City Hall Annex Restoration Project; providing a maximum contract amount; declaring the City's intent to seek reimbursement from the Federal Emergency Management Agency and other eligible sources for such expenditures - **DISTRICT I - GALLEGOS**
25. **O2019-475** ORDINANCE awarding contract to **MIKE PIETSCH, P.E. CONSULTING SERVICES, INC** for Insurance Service Office Public Protection Classification Consultant Services for the Houston Fire Department; providing a maximum contract amount - 2 Year - \$150,000.00 - General Fund
26. **O2019-476** ORDINANCE approving and authorizing Pre-Positioned

Agreements between the City of Houston and (1) **CDR MAGUIRE, INC.**, (2) **TETRA TECH, INC.**, (3) **THOMPSON CONSULTING SERVICES, LLC** for Disaster Debris Monitoring Services for the Solid Waste Management Department; providing a maximum contract amount for contract between the City of Houston and **TETRA TECH, INC.** - 3 Years with two one-year options - \$4,900,000.00 - Disaster Recovery Fund

27. **O2019-461** ORDINANCE consenting to the addition of 1.865 acres of land to **FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 134B**, for inclusion in its district
28. **O2019-462** ORDINANCE consenting to the addition of 3.00 acres of land to **HARRIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 84**, for inclusion into its district
29. **O2019-463** ORDINANCE approving Water Conservation Plan for municipal uses and an updated Drought Contingency Plan for the City of Houston; providing for severability
30. **O2019-477** ORDINANCE approving and authorizing Professional Engineering Services Contract between the City of Houston and **S&B INFRASTRUCTURE, LTD.** for Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations; providing a maximum contract amount - \$400,000.00 - Enterprise Fund (WBS No. 992017-HS17-3) - **DISTRICTS B - DAVIS; E - MARTIN; H - CISNEROS and J - LASTER**
31. **O2019-464** ORDINANCE approving and authorizing Professional Engineering Services Contract between the City of Houston and **S&B INFRASTRUCTURE, LTD.** for Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations; providing a maximum contract amount - \$400,000.00 - Enterprise Fund (WBS No. R-992017-HS18-3) - **DISTRICTS A - STARDIG; B - DAVIS; C - COHEN; E - MARTIN; F - LE; G - TRAVIS; H - CISNEROS and I - GALLEGOS**
32. **O2019-465** ORDINANCE appropriating \$4,843,831.00 out of Water & Sewer System Consolidated Construction Fund; awarding contract to **PM CONSTRUCTION & REHAB, LLC dba IPR SOUTH CENTRAL** for Sanitary Sewer Rehabilitation by Cured-In-Place Pipe Method; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering and testing, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund (WW4258-75)
33. **O2019-466** ORDINANCE appropriating \$5,703,643.00 out of Water & Sewer System Consolidated Construction Fund; awarding contract to **PM CONSTRUCTION & REHAB, LLC dba IPR SOUTH CENTRAL** for Wastewater Collection System Rehabilitation and Renewal; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering, testing, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund

34. <sup>(WW4235-111)</sup>~~O2019-467~~ ORDINANCE appropriating \$3,754,808.00 out of Water & Sewer System Consolidated Construction Fund; awarding contract to **PM CONSTRUCTION & REHAB, LLC dba IPR SOUTH CENTRAL** for Sanitary Sewer Rehabilitation by Cured-In-Place Pipe Method; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering and testing, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund (WW4258-76)
35. **O2019-468** ORDINANCE appropriating \$10,428,944.19 out of Water & Sewer System Consolidated Construction Fund, awarding contract to **SER CONSTRUCTION PARTNERS, LLC.** for Sewer Service to Unserved Area Package 3 - Magnolia Point Internal Sanitary Sewer Service; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for testing services, CIP Cost Recovery, construction management, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund - **DISTRICT E - MARTIN**
36. **O2019-469** ORDINANCE appropriating \$55,000.00 out of Water & Sewer System Consolidated Construction Fund and approving and authorizing Professional Construction Management and Inspection Services Contract between the City of Houston and **STANTEC CONSULTING SERVICES INC** for Large Diameter Waterline Projects; providing funding for CIP Cost Recovery relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund

#### **END OF CONSENT AGENDA**

#### **CONSIDERATION OF MATTERS REMOVED FROM CONSENT AGENDA**

#### **NON CONSENT MISCELLANEOUS - NUMBER 37**

#### **NON-CONSENT - MISCELLANEOUS**

37. **M2019-340 SET PUBLIC HEARING DATES** to consider whether to continue the Juvenile Curfew Ordinance (Sections 28-171 - 28-175, City of Houston Code of Ordinances)  
**HEARING DATES - 9:00 A.M. - WEDNESDAY - JUNE 26 and JULY 10, 2019**

#### **MATTERS HELD - NUMBERS 38 through 43**

38. **O2019-478** ORDINANCE awarding and approving Revenue Agreement between the City of Houston and **WASTEZERO, INC** for the Sale of Compostable Bags for the Solid Waste Management Department - 5 Years with two one-year options - Revenue

**DELAYED BY MOTION #2019-286, 6/5/2019**

This was Item 24 on Agenda of June 5, 2019

39. **O2019-479** ORDINANCE awarding and approving Revenue Agreement between the City of Houston and **BIOBAGS AMERICA'S, INC** for the Sale of Compostable Bags for the Solid Waste Management Department - 5 Years with two one-year options - Revenue

**DELAYED BY MOTION #2019-286, 6/5/2019**

This was Item 25 on Agenda of June 5, 2019

40. **M2019-341** MOTION by Council Member Davis/Seconded by Council Member Robinson to adopt recommendation from Director General Services Department for approval of final contract amount of \$2,100,796.49 and acceptance of work on contract with **HORIZON INTERNATIONAL GROUP, LLC** for Renwick Administration Building - Partial Renovation - 7.96% over the original contract amount and under the 10% contingency - **DISTRICT J - LASTER**

**TAGGED BY COUNCIL MEMBER EDWARDS**

This was Item 3 on Agenda of June 12, 2019

41. **O2019-480** ORDINANCE approving and authorizing Professional Services Agreement between the City of Houston and **THE LANIER LAW FIRM, REICH & BINSTOCK, LLP, and THE LAW OFFICE of RICHARD SCHECHTER, P.C.** for Representation of the City in the pending Multi-District Litigation against Pharmaceutical Companies, Manufacturers of Opioids, Distributors of Opioids and Others, in IN RE: Texas Opioid Litigation, MDL No. 18-0358; filed in the 152nd District Court of Harris County, Texas; Master File No. 2018-63587; making certain findings as required by State Law; providing for a contingent fee

**TAGGED BY COUNCIL MEMBERS STARDIG and TRAVIS**

This was Item 15 on Agenda of June 12, 2019

42. **Referred back to the Administration (M2019-342)** ORDINANCE appropriating \$45,000.00 out of Public Library Consolidated Construction Fund for Legal Services related to the sale of City of Houston property - **DISTRICT C - COHEN**

**TAGGED BY COUNCIL MEMBERS STARDIG, LASTER, KNOX and ROBINSON**

This was Item 19 on Agenda of June 12, 2019

43. **O2019-481** ORDINANCE appropriating \$220,000.00 out of Parks Consolidated Construction Fund and approving and authorizing Professional Engineering Services Contract between the City of Houston and **ENTECH CIVIL ENGINEERS, INC** for the Houston Bike Plan Implementation; providing funding for CIP Cost Recovery relating to construction of facilities financed by the Parks Consolidated Construction Fund

**TAGGED BY COUNCIL MEMBERS TRAVIS and KNOX**

This was Item 21 on Agenda of June 12, 2019

**MATTERS TO BE PRESENTED BY COUNCIL MEMBERS - Council Member Cisneros first**

**ALL ORDINANCES ARE TO BE CONSIDERED ON AN EMERGENCY**

**BASIS AND TO BE PASSED ON ONE READING UNLESS OTHERWISE NOTED, ARTICLE VII, SECTION 7, CITY CHARTER**

**NOTE** WHENEVER ANY AGENDA ITEM, WHETHER OR NOT ON THE  
- CONSENT AGENDA, IS NOT READY FOR COUNCIL ACTION AT  
THE TIME IT IS REACHED ON THE AGENDA, THAT ITEM SHALL BE  
PLACED AT THE END OF THE AGENDA FOR ACTION BY COUNCIL  
WHEN ALL OTHER AGENDA ITEMS HAVE BEEN CONSIDERED.

CITY COUNCIL RESERVES THE RIGHT TO TAKE UP AGENDA  
ITEMS OUT OF THE ORDER IN WHICH THEY ARE POSITIONED IN  
THIS AGENDA. ALSO, AN ITEM THAT HAS BEEN TAGGED UNDER  
CITY COUNCIL RULE (HOUSTON CITY CODE 2-2) OR DELAYED TO  
ANOTHER DAY MAY BE NEVERTHELESS CONSIDERED LATER AT  
THE SAME CITY COUNCIL MEETING.



## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

Item Creation Date:

SP061819

Agenda Item#:

### **ATTACHMENTS:**

<b>Description</b>	<b>Type</b>
SP061819	Signed Cover sheet

**CITY COUNCIL CHAMBER - CITY HALL - 2nd FLOOR – TUESDAY  
JUNE 18, 2019 – 2:00 PM**

**AGENDA**

3 MIN

3 MIN

3 MIN

ANTONIO SANGUEZA – 3030 Shadowbriar Dr., Apt. #1236 – 77082 – 713-313-4869 – Juvenile Curfew Ordinance

LAUREN SCHOEN – 4815 Bellview St. – 77401 – Bellaire, TX – 832-331-8384 – Juvenile Curfew Ordinance

BRETT MERFISH – 1609 Shoal Creek Blvd. – Austin, Tx – 78701 – 512-473-2800 – Houston Juvenile Curfew Ordinance

**NON-AGENDA**

3 MIN

3 MIN

3 MIN

JERRY LENTON – 8601 Broadway St. – 77061 - 832-352-6637 – Investigation of a death due to negligence

CRAIG WEBER – 12620 FM 1960 Rd. W - 77065 – 832-491-5645 – Holding people responsible HPD/HFD

MARY RUFFIN – 5823 Southmont St. – 77033 – 832-343-0499 – Violation of Civil Rights/Charles Jackson, Paul Dugas, C. Martin

GARY JEDKINS – 3358 Dixie Dr. – 77021 – 713-582-2679 – Broken Chains/Awareness Development Group

ADRIAN RAGLAND – 5217 Carmen St. – 77033 – 713-757-2831 – Abortion/School shootings

EBUNOLUWA AKINOLA – 8313 Manchester St. - 77012 – 832-217-7466 – Family dysfunction/Maleah Davis

CARLA JONES – 3200 Truxillo St., Apt. #104K – 77004 – 832-855-0274 – Towing of vehicles in public housing

AMY GASCA – 829 Rosine St.- 77019 – 832-370-8258 – Make Rosine a one-way street/Speed humps

JENNIFER EASTERLY – 5633 Valverde – 77042 – 832-724-5500 – Water bill

BRIAN MOSLEY – No Address – 832-404-1694 – Extension of unemployment

R. MICHAEL LEE – 5504 Ardmore St. – 77021 – 713-748-6973 – Ardmore St. bridge

SHARON YANSIN – 7225 Bellerive St. – 77036 – 512-822-6055 – Taxes/Gentrification

DENNIS BURTON – 7027 England St. – 77026 – 832-282-7865 – Lack of service/trash pickup/Garbage cans

**PREVIOUS**

1 MIN

1 MIN

1 MIN



## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

Item Creation Date:

reconvene

Agenda Item#:

### **Summary:**

WEDNESDAY - June 19, 2019 - 9:00 A. M.



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

Item Creation Date: 5/31/2019

MYR ~ 2019 HCID No. 4 Energy Corridor Management District  
ReAppt ltr. 5-31-2019

Agenda Item#: 2.

### **Summary:**

M2019-305 REQUEST from Mayor for confirmation of the appointment or reappointment of the following individuals to the **HARRIS COUNTY IMPROVEMENT DISTRICT NO. 4 (ENERGY CORRIDOR MANAGEMENT DISTRICT) BOARD OF DIRECTORS**, for terms to expire June 1, 2023:

- Position Six - **THOMAS J. HALASKA**, appointment
- Position Seven - **ROBERT B. HALICK**, reappointment
- Position Eight - **DAVID L. LANE**, appointment
- Position Nine - **CHASE B. CRAWFORD**, appointment

### **Background:**

**May 22, 2019**

The Honorable City Council  
Houston, Texas

Dear Council Members:

Pursuant to Chapter 3814 of the Texas Special District Local Laws Code and City of Houston, Texas Resolution No. 2001-39 and upon the recommendation of the Harris County Improvement District No. 4 (Energy Corridor Management District) ("District") Board of Directors, I am nominating the following individuals for appointment or reappointment to the District Board of Directors, subject to Council confirmation:

Thomas J. Halaska, appointment to Position Six, for a term to expire June 1, 2023;  
Robert B. Halick, reappointment to Position Seven, for a term to expire June 1, 2023;  
David L. Lane, appointment to Position Eight, for a term to expire June 1, 2023;  
and  
Chase B. Crawford, appointment to Position Nine, for a term to expire June 1, 2023.

The résumés of the nominees are attached for your review.

Sincerely,

Sylvester Turner  
Mayor

**ATTACHMENTS:**

Description	Type
-------------	------



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

Item Creation Date: 5/31/2019

MYR ~ 2019 Archological & Historical Commission ReAppt  
ltr. 5-31-19

Agenda Item#: 3.

### **Summary:**

M2019-306 REQUEST from Mayor for confirmation of the appointment or reappointment of the following individuals to the **HOUSTON ARCHAEOLOGICAL AND HISTORICAL COMMISSION CITY OF HOUSTON:**

- Position One - **ASHLEY ELIZABETH JONES**, appointment, for a term to expire March 1, 2021
- Position Two - **MINNETTE B. BOESEL**, reappointment, for a term to expire March 1, 2020
- Position Three - **URMILA SRINIVASAN**, reappointment, for a term to expire March 1, 2021
- Position Four - **JOSÉ F. ARANDA, JR.**, appointment, for a term to expire March 1, 2020
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- Position Seven - **JOHN COSGROVE**, reappointment, for a term to expire March 1, 2021
- Position Eight - **STEPHEN McNEIL**, reappointment, for a term to expire March 1, 2020
- Position Nine - **STEVEN F. CURRY**, appointment, for a term to expire March 1, 2021

### **Background:**

May 31, 2019

The Honorable City Council  
Houston, Texas

Dear Council Members:

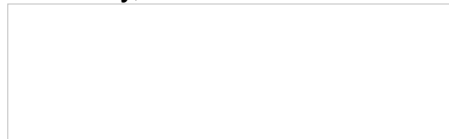
Pursuant to Section 33-211 of the Code of Ordinances, City of Houston, Texas, I am appointing or reappointing the following individuals to the Houston Archaeological and Historical Commission of the City of Houston, subject to Council confirmation:

Ashley Elizabeth Jones, appointment to Position One, for a term to expire March 1, 2021;  
Minnette B. Boesel, reappointment to Position Two, for a term to expire March 1, 2020;  
Urmila Srinivasan, reappointment to Position Three, for a term to expire March 1, 2021;  
José F. Aranda, Jr., appointment to Position Four, for a term to expire March 1, 2020;

David Bucek, reappointment to Position Five, for a term to expire March 1, 2021;  
Elizabeth Wiedower Jackson, appointment to Position Six, for a term to expire March 1, 2020;  
John Cosgrove, reappointment to Position Seven, for a term to expire March 1, 2021;  
Stephen McNiel, reappointment to Position Eight, for a term to expire March 1, 2020;  
and  
Steven F. Curry, appointment to Position Nine, for a term to expire March 1, 2021.

The résumés of the nominees are attached for your review.

Sincerely,



Sylvester Turner  
Mayor

**ATTACHMENTS:**

**Description**

**Type**



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

District H, District I

Item Creation Date: 5/15/2019

HPW – 20EN23 Accept Work / Jerdon Enterprise, LP

Agenda Item#: 4.

### **Summary:**

M2019-335 RECOMMENDATION from Director Houston Public Works for approval of final contract amount of \$2,171,469.40 and acceptance of work on contract with **JERDON ENTERPRISE, L.P.** for FY2013 Flood Gauge and Flood Warning System Construction Work Orders, Work Order No. 5 - 0.76% over the original contract amount and under 5% contingency amount - **DISTRICTS H - CISNEROS and I - GALLEGOS**

### **Background:**

**SUBJECT:** Accept Work for FY2013 Flood Gauge and Flood Warning System Construction Work Orders, Work Order No. 5.

**RECOMMENDATION:** (SUMMARY) Pass a motion to approve the final Contract Amount of \$2,171,469.40 or 0.76% over the original Contract Amount, accept the Work and authorize final payment.

**PROJECT NOTICE/JUSTIFICATION:** This project was part of the Capital Improvement Plan (CIP), FY2013 Storm Water Pump Station and Flood Warning System Improvements program and was required to construct storm drainage improvements and rehabilitation for Mesa Drive Pump Station.

**DESCRIPTION/SCOPE:** This project consisted of construction of the Storm Water Flood Warning System Improvements, including installation of new advanced safety warning lights, street signs, water level gauges, electrical wiring, traffic control regulation, and pavement rehabilitation. Chester Engineers, Inc. designed the project with 425 calendar days allowed for construction. The project was awarded to Jerdon Enterprise, L.P. with an original Contract Amount of \$2,155,155.55.

**LOCATION:** The work order projects are located at:

	<b><u>Location</u></b>	<b><u>Key Map Grid</u></b>	<b><u>Council District</u></b>
1	East Hardy Pump Station	453M	H
2	1500 N. Main @ Brooks	493H	H
3	Gulf Freeway Pump Station	494W	I
4	Wayside Under Lawndale	534C	I
5	Forrest Hill Underpass	494Z	I

6	Harrisburg @ Railroad	493R, 494N	I
7	Clinton @ N. Wayside	495N	H
8	Franklin Under Commerce	493R	I
9	Mesa Road at Liberty Road	455U	I

**CONTRACT COMPLETION AND COST:** The Contractor, Jerdon Enterprise, L.P., has completed the work under the subject Contract. The project was completed beyond the established completion date with an additional 740 days approved by Change Order Nos. 1, 2, and 3. The final cost of the project, including overrun and underrun of estimated unit price quantities and previously approved Change Order Nos. 1, 2, and 3 is \$2,171,469.40, an increase of \$16,313.85 or 0.76% over the original Contract Amount and under 5% contingency amount. The increased cost is a result of the difference between planned and measured quantities.

**M/WSBE PARTICIPATION:** The advertised M/WBE contract goal for this project was 18.00%. The M/WBE plan established for this project was 35.84%. According to Office of Business Opportunity, the participation was 34.52%. Contractor's M/WBE performance evaluation was rated Satisfactory.

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Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. M-430241-0010-4

**Prior Council Action:**

Ordinance No. 2015-0625, dated 06-24-2015

**Amount of Funding:**

No additional funding required.

Total Original Appropriation of \$2,496,900.00 Fund No. 4042A - Street and Traffic Control and Storm Drainage DDSRF-A.

**Contact Information:**

R. Jeff Masek, P.E. CCM  
Assistant Director, Capital Projects  
**Phone:** (832) 395-2387

**ATTACHMENTS:**

**Description**

revised Cover sheet  
Maps

**Type**

Signed Cover sheet  
Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019  
District H, District I  
Item Creation Date: 5/15/2019

HPW – 20EN23 Accept Work / Jerdon Enterprise, LP

Agenda Item#: 4.

### **Summary:**

RECOMMENDATION from Director Houston Public Works for approval of final contract amount of \$2,171,469.40 and acceptance of work on contract with **JERDON ENTERPRISE, L.P.** for FY2013 Flood Gauge and Flood Warning System Construction Work Orders, Work Order No. 5 - 0.76% over the original contract amount and under 5% contingency amount - **DISTRICTS H - CISNEROS and I - GALLEGOS**

### **Background:**

**SUBJECT:** Accept Work for FY2013 Flood Gauge and Flood Warning System Construction Work Orders, Work Order No. 5.

**RECOMMENDATION:** (SUMMARY) Pass a motion to approve the final Contract Amount of \$2,171,469.40 or 0.76% over the original Contract Amount, accept the Work and authorize final payment.

**PROJECT NOTICE/JUSTIFICATION:** This project was part of the Capital Improvement Plan (CIP), FY2013 Storm Water Pump Station and Flood Warning System Improvements program and was required to construct storm drainage improvements and rehabilitation for Mesa Drive Pump Station.

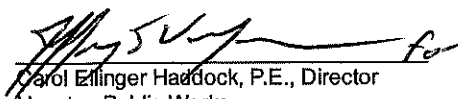
**DESCRIPTION/SCOPE:** This project consisted of construction of the Storm Water Flood Warning System Improvements, including installation of new advanced safety warning lights, street signs, water level gauges, electrical wiring, traffic control regulation, and pavement rehabilitation. Chester Engineers, Inc. designed the project with 425 calendar days allowed for construction. The project was awarded to Jerdon Enterprise, L.P. with an original Contract Amount of \$2,155,155.55.

**LOCATION:** The work order projects are located at:

	<b><u>Location</u></b>	<b><u>Key Map Grid</u></b>	<b><u>Council District</u></b>
1	East Hardy Pump Station	453M	H
2	1500 N. Main @ Brooks	493H	H
3	Gulf Freeway Pump Station	494W	I
4	Wayside Under Lawndale	534C	I
5	Forrest Hill Underpass	494Z	I
6	Harrisburg @ Railroad	493R, 494N	I
7	Clinton @ N. Wayside	495N	H
8	Franklin Under Commerce	493R	I
9	Mesa Road at Liberty Road	455U	I

**CONTRACT COMPLETION AND COST:** The Contractor, Jerdon Enterprise, L.P., has completed the work under the subject Contract. The project was completed beyond the established completion date with an additional 740 days approved by Change Order Nos. 1, 2, and 3. The final cost of the project, including overrun and underrun of estimated unit price quantities and previously approved Change Order Nos. 1, 2, and 3 is \$2,171,469.40, an increase of \$16,313.85 or 0.76% over the original Contract Amount and under 5% contingency amount. The increased cost is a result of the difference between planned and measured quantities.

**MWSBE PARTICIPATION:** The advertised M/WBE contract goal for this project was 18.00%. The M/WBE plan established for this project was 35.84%. According to Office of Business Opportunity, the participation was 34.52%. Contractor's M/WBE performance evaluation was rated Satisfactory.

  
Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. M-430241-0010-4

**Prior Council Action:**

Ordinance No. 2015-0625, dated 06-24-2015

**Amount of Funding:**

No additional funding required.

Total Original Appropriation of \$2,496,900.00 Fund No. 4042A - Street and Traffic Control and Storm Drainage DDSRF-A.

**Contact Information:**

R. Jeff Masek, P.E. CCM  
Assistant Director, Capital Projects  
Phone: (832) 395-2387

**ATTACHMENTS:**

**Description**

Signed Coversheet  
Maps  
OBO  
Affidavit of Ownership & Tax Report  
Prior Council Action  
Change Orders 1-3  
Final Estimate

**Type**

Signed Cover sheet  
Backup Material  
Backup Material  
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Backup Material

FY2013 FLOOD GAUGE AND FLOOD WARNING SYSTEM  
CONSTRUCTION WORK ORDERS

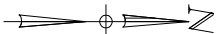
WORK ORDER No. 5

WBS No. M-430241-0010-4

COUNCIL DISTRICT H

VICINITY MAP

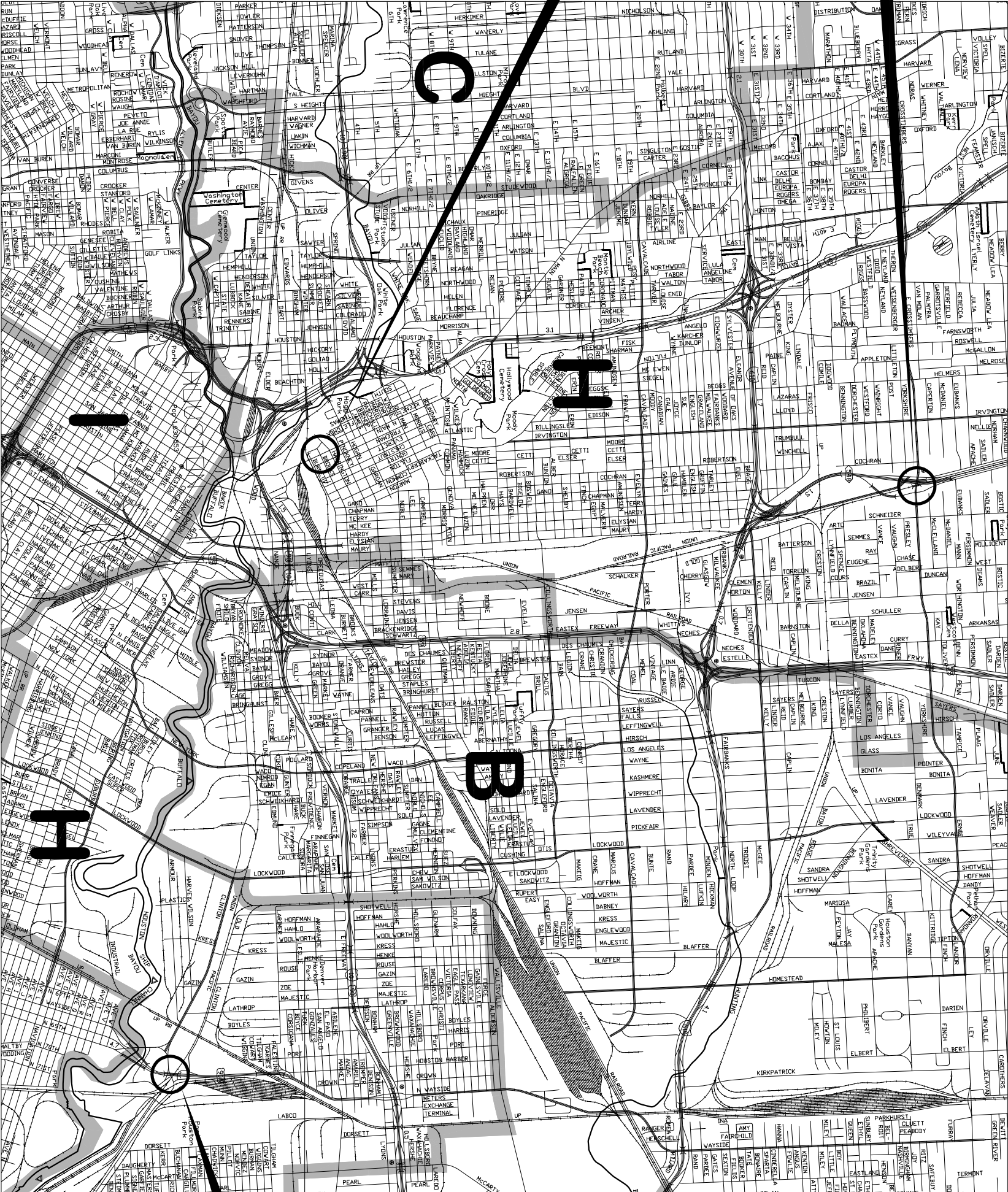
N.T.S.



1. EAST HARDY  
PUMP STATION  
(KEY MAP-453M)

2. 1500 N. MAIN  
@ BROOKS (KEY  
MAP- 493H)

7. CLINTON @  
N. WAYSIDE (KEY  
MAP-495N)

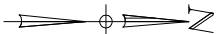


FY2013 FLOOD GAUGE AND FLOOD WARNING SYSTEM  
CONSTRUCTION WORK ORDERS

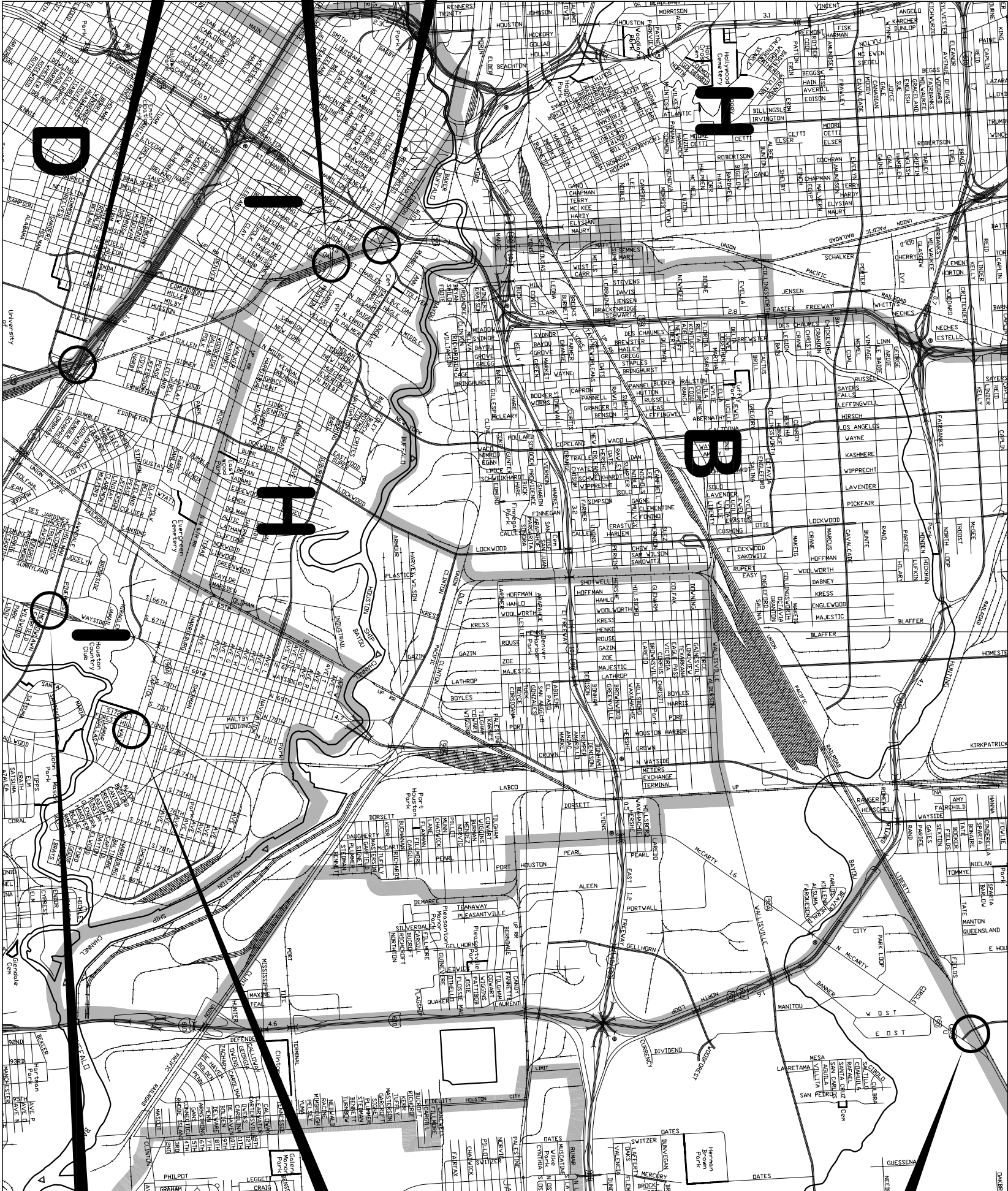
WORK ORDER No. 5

WBS No. M-430241-0010-4

COUNCIL DISTRICT I



VICINITY MAP  
N.T.S.



8. FRANKLIN UNDER  
COMMERCE (KEY  
MAP-493R)

6. HARRISBURG  
@ RAILROAD (KEY  
MAP-493R & 494N)

3. GULF FREEWAY  
PUMP STATION  
(KEY MAP-494W)

9. MESA ROAD AT  
LIBERTY ROAD  
(KEY MAP 455-U)

5.FORREST HILL  
UNDERPASS (KEY  
MAP-494Z)

4. WAYSIDE UNDER  
LAWNDALE (KEY  
MAP-534C)



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

District B, District H

Item Creation Date: 5/28/2019

HPW – 20EN30 Accept Work / Industrial TX Corp.

Agenda Item#: 5.

### **Summary:**

M2019-336 RECOMMENDATION from Director Houston Public Works for approval of final contract amount of \$3,478,574.88 and acceptance of work on contract with **INDUSTRIAL TX CORP.** for Lift Station Renewal and Replacement - Tidwell Road No. 1, Iroquois, West Canino Road and John Alber Road - 3.91% over the original contract amount and under 5% contingency amount - **DISTRICTS B - DAVIS and H - CISNEROS**

### **Background:**

**SUBJECT:** Accept Work for Lift Station Renewal and Replacement – Tidwell Road No. 1, Iroquois, West Canino Road and John Alber Road.

**RECOMMENDATION: (SUMMARY)** Pass a motion to approve the final Contract Amount of \$3,478,574.88 or 3.91% over the original Contract Amount, accept the Work and authorize final payment.

**PROJECT NOTICE/JUSTIFICATION:** This project was part of the Lift Station Renewal and Replacement program and was required to meet the need to improve or replace wastewater lift stations.

**DESCRIPTION/SCOPE:** This project consisted of the rehabilitation of four lift stations to include mechanical, structural, electrical and instrumentation components, appurtenances, and site work. Hazen and Sawyer, P.C. designed the project with 480 calendar days allowed for construction. The project was awarded to Industrial TX Corp. with an original Contract Amount of \$3,347,670.00.

**LOCATION:** The Lift Station projects are located at:

	<b><u>Location</u></b>	<b><u>Key Map Grid</u></b>	<b><u>Council District</u></b>
1	7406 Tidwell Road	455A	B
2	12903 Iroquois Street	413Q	H
3	101 W. Canino Road	413S	H
4	621 John Alber Road	413U	H

**CONTRACT COMPLETION AND COST:** The Contractor, Industrial TX Corp. has completed the work under the subject Contract. The project was completed beyond the established

completion date with an additional 53 days approved by Change Order Nos 1, 4, and 5. The final cost of the project, including overrun and underrun of estimated unit price quantities and previously approved Change Order Nos. 2 - 5 is \$3,478,574.88, an increase of \$130,904.88 or 3.91% over the original Contract Amount and under 5% contingency amount. The increased cost is a result of the difference between planned and measured quantities.

**M/WSBE PARTICIPATION:** The advertised M/WBE contract goal for this project was 18.00%. The M/WBE plan established for this project was 20.68%. According to Office of Business Opportunity, the participation was 19.22%. Contractor's M/WBE performance evaluation was rated Satisfactory.

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Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. R-000267-0116-4

**Prior Council Action:**

Ordinance No. 2017-0386, dated 05-31-2017

**Amount of Funding:**

No additional funding required.

Total (original) appropriation of \$3,814,400.00 from Fund 8500 – Water and Sewer System Consolidated Construction.

**Contact Information:**

R. Jeff Masek, P.E. CCM  
Assistant Director, Capital Projects  
Phone: (832) 395-2387

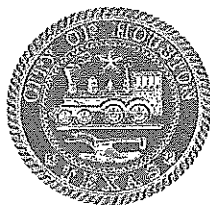
**ATTACHMENTS:**

**Description**

Signed Coversheet  
Maps

**Type**

Signed Cover sheet  
Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:  
District B, District H  
Item Creation Date: 5/28/2019

HPW – 20EN30 Accept Work / Industrial TX Corp.

Agenda Item#:

### **Background:**

**SUBJECT:** Accept Work for Lift Station Renewal and Replacement – Tidwell Road No. 1, Iroquois, West Canino Road and John Alber Road.

**RECOMMENDATION: (SUMMARY)** Pass a motion to approve the final Contract Amount of \$3,478,574.88 or 3.91% over the original Contract Amount, accept the Work and authorize final payment.

**PROJECT NOTICE/JUSTIFICATION:** This project was part of the Lift Station Renewal and Replacement program and was required to meet the need to improve or replace wastewater lift stations.

**DESCRIPTION/SCOPE:** This project consisted of the rehabilitation of four lift stations to include mechanical, structural, electrical and instrumentation components, appurtenances, and site work. Hazen and Sawyer, P.C. designed the project with 480 calendar days allowed for construction. The project was awarded to Industrial TX Corp. with an original Contract Amount of \$3,347,670.00.

**LOCATION:** The Lift Station projects are located at:

	<b><u>Location</u></b>	<b><u>Key Map Grid</u></b>	<b><u>Council District</u></b>
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**CONTRACT COMPLETION AND COST:** The Contractor, Industrial TX Corp. has completed the work under the subject Contract. The project was completed beyond the established completion date with an additional 53 days approved by Change Order Nos 1, 4, and 5. The final cost of the project, including overrun and underrun of estimated unit price quantities and previously approved Change Order Nos. 2 - 5 is \$3,478,574.88, an increase of \$130,904.88 or 3.91% over the original Contract Amount and under 5% contingency amount. The increased cost is a result of the difference between planned and measured quantities.

**M/WSBE PARTICIPATION:** The advertised M/WBE contract goal for this project was 18.00%. The M/WBE plan established for this project was 20.68%. According to Office of Business Opportunity, the participation was 19.22%. Contractor's M/WBE performance evaluation was rated Satisfactory.

Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. R-000267-0116-4

### **Prior Council Action:**

Ordinance No. 2017-0386, dated 05-31-2017

### **Amount of Funding:**

No additional funding required.

Total (original) appropriation of \$3,814,400.00 from Fund 8500 – Water and Sewer System Consolidated Construction.

**Contact Information:**

R. Jeff Masek, P.E. CCM  
Assistant Director, Capital Projects  
Phone: (832) 395-2387

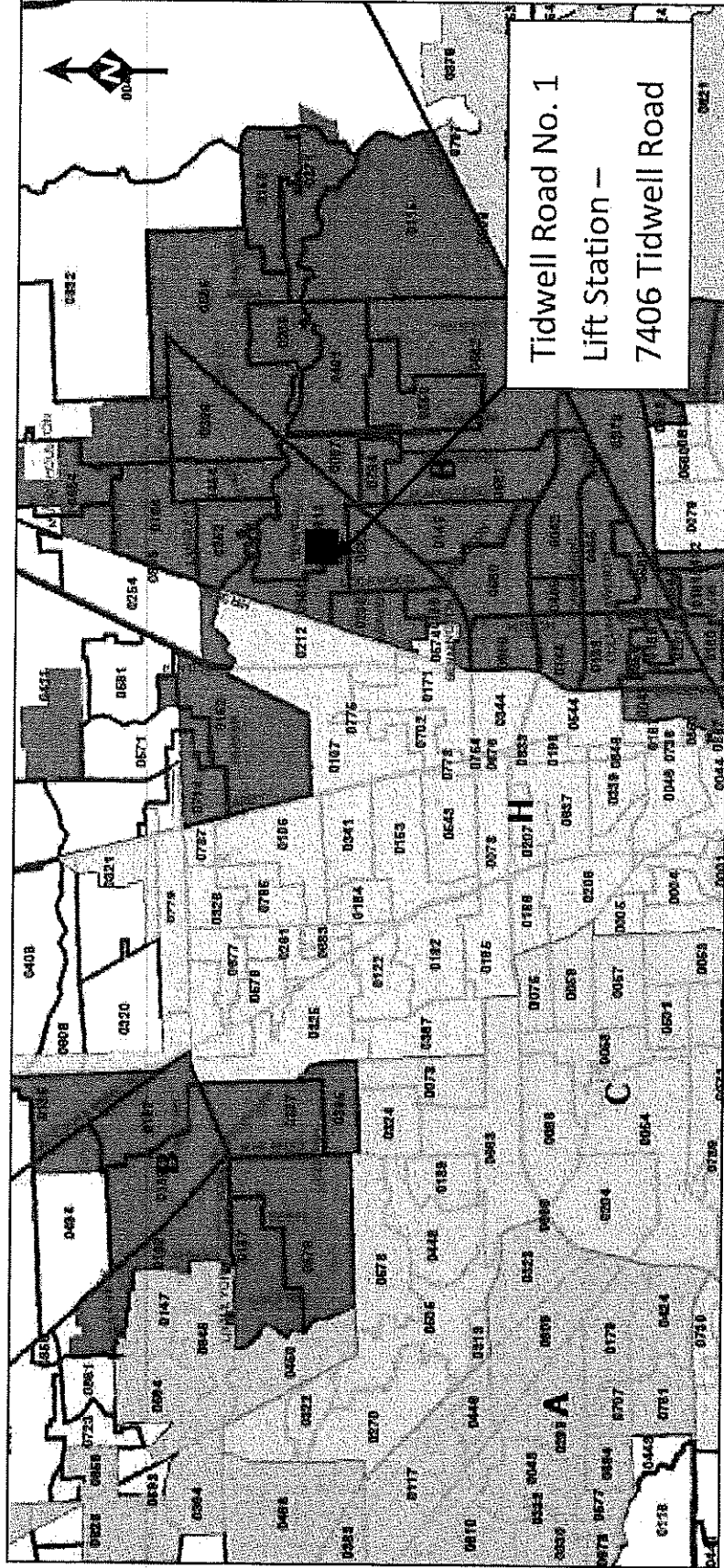
**ATTACHMENTS:****Description**

Maps  
OBO  
Affidavit of Ownership and Tax Report  
Prior Council Action  
Change Orders 1-5  
Final Estimate

**Type**

Backup Material  
Backup Material  
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Backup Material

Tidwell Road No. 1 Lift Station  
 Council District Map B  
 Council Member: Jerry Davis



Not to Scale



City of Houston  
 Department of Public Works and Engineering  
 Lift Station Renewal and Replacement  
 WBS No. R-000267-0116-4

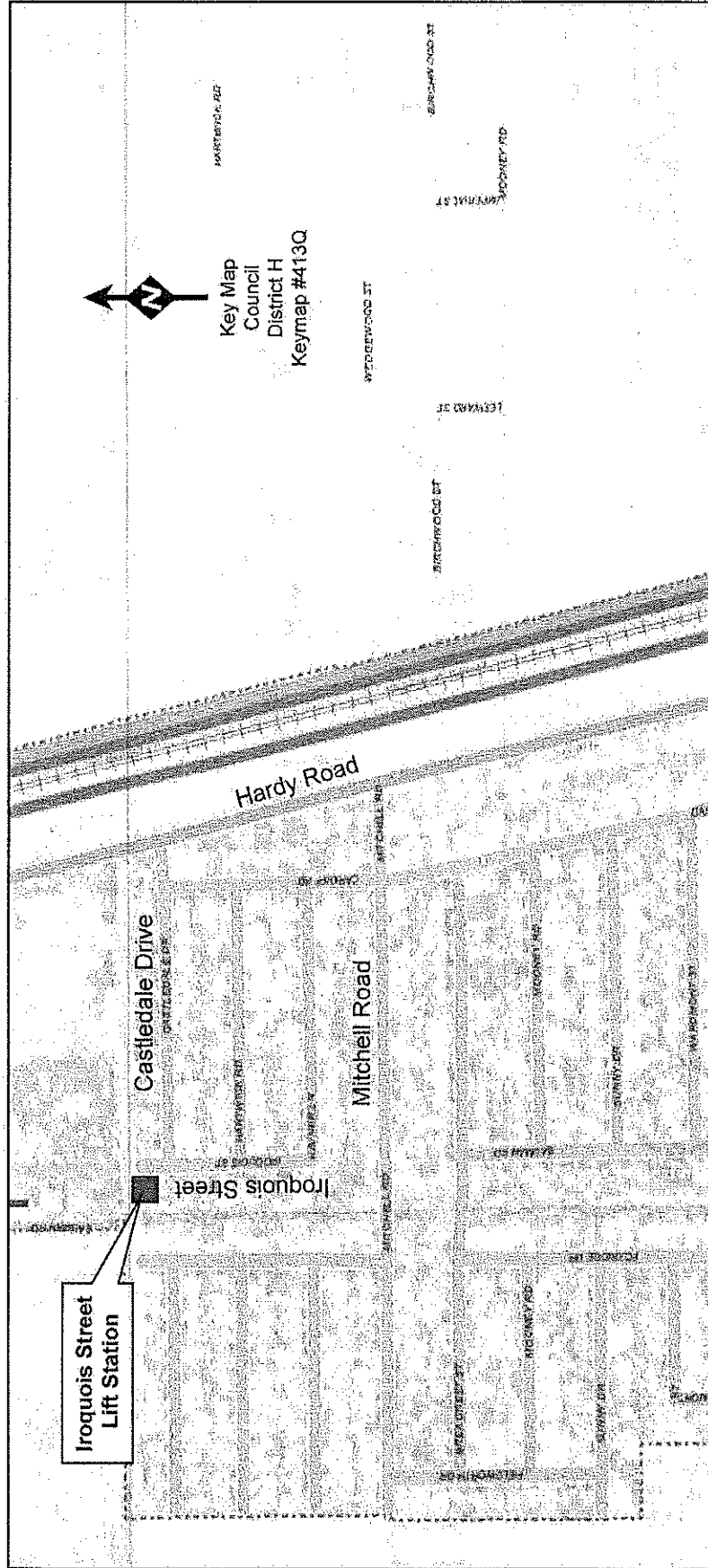
**HAZEN AND SAWYER**  
 Environmental Engineers & Scientists

**HAZEN AND SAWYER**  
Environmental Engineers & Scientists



**HAZEN AND SAWYER**  
Environmental Engineers & Scientists

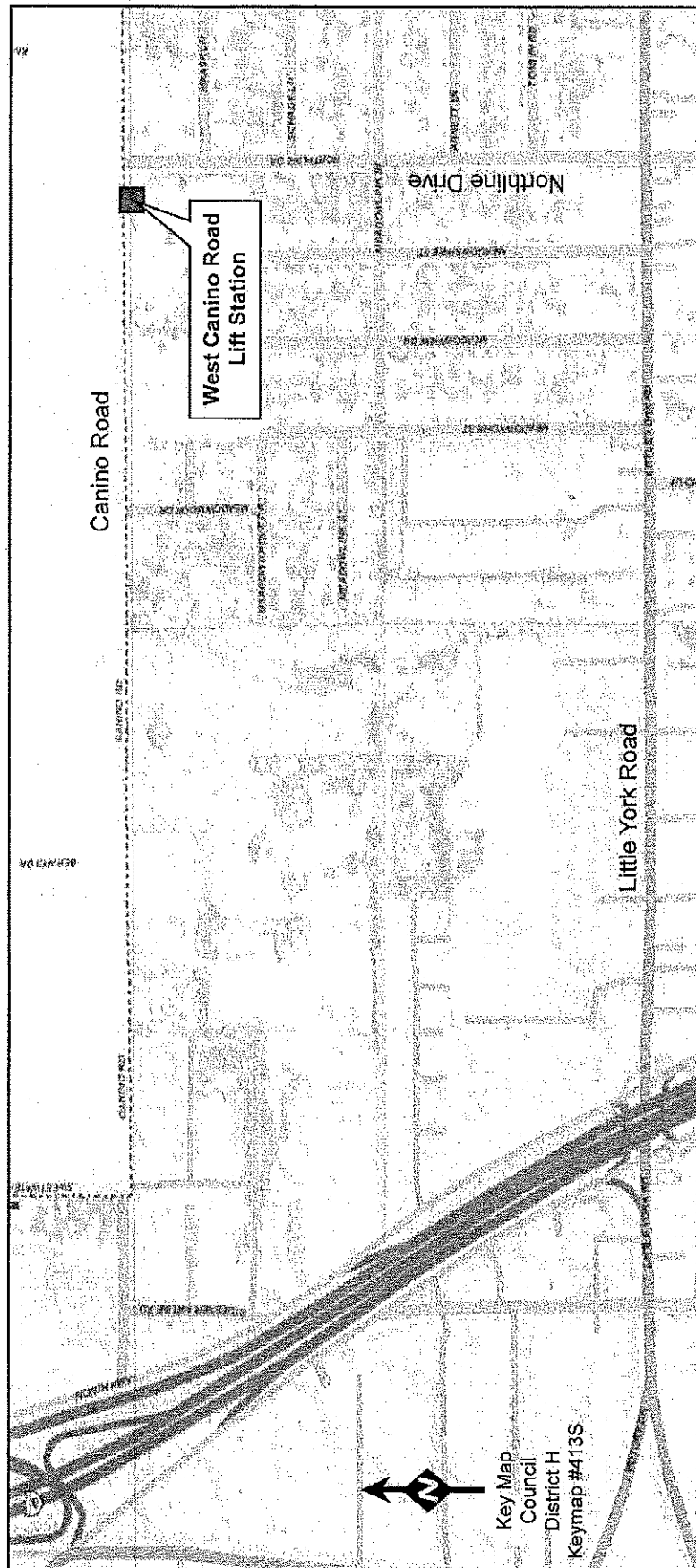
# Iroquois Street Lift Station - Vicinity Map



**City of Houston**  
Department of Public Works and Engineering  
Lift Station Renewal and Replacement  
WBS No. R-000267-0116-4

**HAZEN AND SAWYER**  
Environmental Engineers & Scientists

# West Canino Road Lift Station - Vicinity Map



City of Houston  
Department of Public Works and Engineering  
Lift Station Renewal and Replacement  
WBS No. R-000267-0116-4

**HAZEN AND SAWYER**  
Environmental Engineers & Scientists

John Alber Road Lift Station

Hardy Road

John Alber Road

Bauman Road

Key Map Council District H Keymap #413U

Not to Scale



**City of Houston**  
Department of Public Works and Engineering  
Lift Station Renewal and Replacement  
WBS No. R-000267-0116-4

**HAZEN AND SAWYER**  
Environmental Engineers & Scientists



## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

ALL

Item Creation Date: 6/7/2019

N29083 - Fire Protective Gloves - MOTION

Agenda Item#: 6.

### **Summary:**

M2019-337 **MUNICIPAL EMERGENCY SERVICES, INC** for the purchase of Fire Protective Gloves for the Fire Department - \$8,114.10 - General Fund

### **Background:**

**S21-N29083 - Approve the purchase of Fire Protective Gloves from Municipal Emergency Services, Inc. in the total amount of \$8,114.10 for the Fire Department.**

### **Specific Explanation:**

The Chief of the Fire Department and the Chief Procurement Officer recommend that City Council approve the purchase of fire protective gloves from **Municipal Emergency Services, Inc.** in the total amount of **\$8,114.10** for the Fire Department, and that authorization be given to issue a purchase order. This purchase is for seventy (70) pairs of various sized Veridian® M1x Fire Fit Gloves that will be used by the Technical Rescue Team for rapid intervention team operations. The gloves will provide exceptional dexterity for the teams to provide life-saving measures for downed or trapped firefighters.

**During FY2019, the Strategic Procurement Division previously issued a purchase order to Municipal Emergency Services, Inc. totaling \$46,285.80. With the issuance of this purchase order for \$8,114.10, the aggregate total spend will be \$54,399.90, and therefore requires City Council approval.**

### **MWBE**

This procurement is exempt from the City's M/WBE subcontracting goals as the total expenditure amount does not exceed the \$100,000.00 threshold.

### **Hire Houston First:**

This procurement is exempt from City's Hire Houston First Ordinance. The total expenditure does not meet the \$50,000.00 threshold.

### **Fiscal Note:**

Funding for this item is included in the FY2019 Adopted Budget. Therefore, No Fiscal Note is required as stated in the Financial Policies.

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**Jerry Adams, Chief Procurement Officer**  
**Signature**  
**Finance/Strategic Procurement Division**

**Department Approval Authority**

**Estimated Spending Authority**

<b>Department</b>	<b>FY19</b>	<b>Out Years</b>	<b>Total</b>
Fire Department	\$ 8,114.10	\$ 0.00	\$8,114.10

**Amount of Funding:**

**\$8,114.10**

General Fund

Fund 1000

**Contact Information:**

Laura A. Guthrie, Purchasing Manager	FIN/SPD	832-393-8735
Chief Samuel Peña	HFD	832-394-6702

**ATTACHMENTS:**

**Description**

Coversheet

**Type**

Signed Cover sheet



# CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 6/7/2019

N29083 - Fire Protective Gloves - MOTION

Agenda Item#:

## **Background:**

**S21-N29083 - Approve the purchase of Fire Protective Gloves from Municipal Emergency Services, Inc. in the total amount of \$8,114.10 for the Fire Department.**

## **Specific Explanation:**

The Chief of the Fire Department and the Chief Procurement Officer recommend that City Council approve the purchase of fire protective gloves from **Municipal Emergency Services, Inc.** in the total amount of **\$8,114.10** for the Fire Department, and that authorization be given to issue a purchase order. This purchase is for seventy (70) pairs of various sized Veridian® M1x Fire Fit Gloves that will be used by the Technical Rescue Team for rapid intervention team operations. The gloves will provide exceptional dexterity for the teams to provide life-saving measures for downed or trapped firefighters.

**During FY2019, the Strategic Procurement Division previously issued a purchase order to Municipal Emergency Services, Inc. totaling \$46,285.80. With the issuance of this purchase order for \$8,114.10, the aggregate total spend will be \$54,399.90, and therefore requires City Council approval.**

## **MWBE**

This procurement is exempt from the City's M/WBE subcontracting goals as the total expenditure amount does not exceed the \$100,000.00 threshold.

## **Hire Houston First:**

This procurement is exempt from City's Hire Houston First Ordinance. The total expenditure does not meet the \$50,000.00 threshold.

## **Fiscal Note:**

Funding for this item is included in the FY2019 Adopted Budget. Therefore, No Fiscal Note is required as stated in the Financial Policies.

6/12/2019

DocuSigned by:

*Jerry Adams*

0DD350139A6F4C8...

**Jerry Adams, Chief Procurement Officer  
Finance/Strategic Procurement Division**

DocuSigned by:

*Samuel Peña*

9329BAD08AC840B...

**Department Approval Authority Signature**

6/12/2019

## **Estimated Spending Authority**

Department	FY19	Out Years	Total
Fire Department	\$ 8,114.10	\$ 0.00	\$8,114.10

## **Amount of Funding:**

**\$8,114.10 - General Fund (1000)**

## **Contact Information:**

Laura A. Guthrie, Purchasing Manager    FIN/SPD    832-393-8735  
Chief Samuel Peña    HFD    832-394-6702

## **ATTACHMENTS:**

### **Description**

N29083 - MES Quote  
N29083 Campaign Finance Form A  
N29083 Affidavit of Ownership  
Funding Source

### **Type**

Backup Material  
Backup Material  
Backup Material  
Signed Cover sheet



## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

ALL

Item Creation Date: 6/7/2019

### **E29078 - HVAC Systems - MOTION**

Agenda Item#: 7.

#### **Summary:**

M2019-338 APPROVE payment to **CARRIER CORPORATION** for Heating, Ventilation, and Air Conditioning Services for the Solid Waste Management Department - \$86,775.00 - General Fund

#### **Background:**

**S21-E29078 – Approve payment to Carrier Corporation in the amount not exceed \$86,775.00 for heating, ventilation, and air conditioning services for the Solid Waste Management Department.**

#### **SPECIFIC EXPLANATION:**

The Director of the Solid Waste Management and the Chief Procurement Officer recommend that City Council approve payment to **Carrier Corporation** in the amount not to exceed **\$86,775.00** for heating, ventilation, and air conditioning services for the Solid Waste Management.

The Strategic Procurement Division issued one emergency purchase order to Carrier Corporation on June 18, 2018 for the replacement of (6) six heating, ventilation, and air conditioning systems (HVACs) at the Department's Northwest Service Center located at 1245 Judyway St. Houston, Texas 77018.

The scope of work required the vendor to provide all labor, materials, and supervision for (6) six new HVAC systems. The existing units were inspected by the vendor and the new units were warranted due to an extensive amount of leaks, bad coils and exchangers that could no longer support and maintain proper temperatures and air quality for the Department's employees working in the building. Additionally, the vendor provided the removal and disposal of the eight-year old inoperable HVAC systems. The new HVAC systems retain a warranty for a minimum of 12-months on compressor parts to 15-years on aluminized and stainless steel heat exchangers.

This recommendation is made pursuant to Chapter 252, Section 252.022 (a) (7) (A) of the Texas Local Government Code for exempt procurements, "which provides a procurement necessary to preserve or protect the public health or safety of the municipality's residents".

#### **MWBE Participation:**

This procurement is exempt from M/WBE subcontracting participation goal because the department is utilizing an emergency purchase order for this purchase.

#### **Hire Houston First:**

This procurement is exempt from the City's Hire Houston First Ordinance. The bid was not solicited because the department is utilizing an emergency purchase order for this order.

**Fiscal Note:**

Funding for this item is included in the FY19 Adopted Budget. Therefore, no Fiscal note is required as stated in the Financial Policies.

\_\_\_\_\_  
**Jerry Adams, Chief Procurement Officer**  
**Finance/Strategic Procurement Division**

\_\_\_\_\_  
**Department Approval Signature**

<b>Estimated Spending Authority</b>			
<b>DEPARTMENT</b>	<b>FY2019</b>	<b>OUT YEARS</b>	<b>TOTAL</b>
Solid Waste Management	\$86,775.00	\$0.00	\$86,755.00

**Amount of Funding:**

\$86,775.00

General Fund

Fund 1000

**Contact Information:**

Laura A. Guthrie, Purchasing Manager

FIN/SPD

832-393-8735

Angelica Tijerina, Sr. Communication Specialist

SWM

832-393-0435

**ATTACHMENTS:**

**Description**

Coversheet

**Type**

Signed Cover sheet



# CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 6/7/2019

E29078 - HVAC Systems - MOTION

Agenda Item#:

## **Background:**

**S21-E29078 – Approve payment to Carrier Corporation in the amount not exceed \$86,775.00 for heating, ventilation, and air conditioning services for the Solid Waste Management.**

## **SPECIFIC EXPLANATION:**

The Director of the Solid Waste Management and the Chief Procurement Officer recommend that City Council approve payment to **Carrier Corporation** in the amount not to exceed **\$86,775.00** for heating, ventilation, and air conditioning services for the Solid Waste Management.

The Strategic Procurement Division issued one emergency purchase order to Carrier Corporation on June 18, 2018 for the replacement of (6) six heating, ventilation, and air conditioning systems (HVACs) at the Department's Northwest Service Center located at 1245 Judyway St. Houston, Texas 77018.

The scope of work required the vendor to provide all labor, materials, and supervision for (6) six new HVAC systems. The existing units were inspected by the vendor and the new units were warranted due to an extensive amount of leaks, bad coils and exchangers that could no longer support and maintain proper temperatures and air quality for the Department's employees working in the building. Additionally, the vendor provided the removal and disposal of the eight-year old inoperable HVAC systems. The new HVAC systems retain a warranty for a minimum of 12-months on compressor parts to 15-years on aluminized and stainless steel heat exchangers.

This recommendation is made pursuant to Chapter 252, Section 252.022 (a) (7) (A) of the Texas Local Government Code for exempt procurements, "which provides a procurement necessary to preserve or protect the public health or safety of the municipality's residents".

## **MWBE Participation:**

This procurement is exempt from M/WBE subcontracting participation goal because the department is utilizing an emergency purchase order for this purchase.

## **Hire Houston First:**

This procurement is exempt from the City's Hire Houston First Ordinance. The bid was not solicited because the department is utilizing an emergency purchase order for this order.

## **Fiscal Note:**

Funding for this item is included in the FY19 Adopted Budget. Therefore, no Fiscal note is required as stated in the Financial Policies.

6/11/2019

DocuSigned by:  
*Jerry Adams*  
0DD350139A6F4C8...

**Jerry Adams, Chief Procurement Officer**  
**Finance/Strategic Procurement Division**

DocuSigned by:  
*Harry Hayes*  
3CCA137848274C6...

**Department Approval Signature**

6/11/2019

Estimated Spending Authority			
DEPARTMENT	FY2019	OUT YEARS	TOTAL
Solid Waste Management	\$86,775.00	\$0.00	\$86,755.00

## **Amount of Funding:**

**\$86,775.00** - General Fund (1000)

## **Contact Information:**

Laura A. Guthrie, Purchasing Manager

FIN/SPD 832-393-8735

Angelica Tijerina, Sr. Communication Specialist      SWM      832-393-0435

**ATTACHMENTS:**

Description	Type
E29078 Affidavit of Ownership	Backup Material
E29078 Cleared Tax Report	Backup Material
E29078 Fair Campaign Ordinance	Backup Material
E29078 EPO Justification	Backup Material
E29078 CPO EPO Approved	Backup Material
E29078 Budget Form A (1000)	Financial Information
E29078 SAP Budget vs Actuals	Financial Information
E29078 Invoices 09.26.18	Backup Material
E29078 Invoice dtd 10.16.18	Backup Material
E29078 Invoice dtd. 12.13.18	Backup Material
Funding Verification	Financial Information



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

Item Creation Date:

FIN - FY20 Budget Ordinance

Agenda Item#: 8.

### **Summary:**

O2019-459 ORDINANCE related to the Fiscal Affairs of the City; approving the annual budgets of the City of Houston, Texas, for Fiscal Year 2020, including provisions for future adjustment to certain fund balances; making various amendments to the proposed budgets; authorizing certain transfers; re-designating a Cash Reserve in the Fund Balance; establishing a cost for copies of the budget; making other provisions related to the subject; making certain findings related thereto; providing a repealing clause; providing for severability

### **Background:**

Beginning May 8, 2019, City Council's Budget and Fiscal Affairs Committee hosted a series of budget workshops to review and discuss the Fiscal Year 2020 operating budget. The budget was distributed to City Council on May 7, 2019, in accordance with the City Charter and the Texas Local Government Code. The expenditure operating budget for all funds totals approximately **\$5.5** billion, which includes a General Fund expenditure budget of approximately **\$2.5** billion.

The budget ordinance includes the following provisions:

- Approval for budget transfers up to 5% of a "budget expenditure group" between departments within a fund;
- Approval of the incorporation in the Adopted Budget for FY2020, FY2018 and FY2019 information, and the adjustment of fund balances that may occur as a result;
- Approval to increase the budgets for the Aviation Revenue Fund, but only for transfer to the Airport Improvement Fund, in the event, and to the extent, of unanticipated revenue increases in the Fund as certified by the City Controller;
- Approval to increase the budgets for the Water and Sewer Operating Fund and the Combined Utility System Operating Fund, but only for transfer to the Combined Utility System General Purpose Fund in the event, and to the extent, of unanticipated revenue increases in the Fund as certified by the City Controller;
- Approval to increase the budgets in various Funds to the extent of unanticipated revenue increases in the Fund as certified by the City Controller;
- Approval to charge \$35.00 plus tax and postage per set for the purchase of the budget document.

The budget totals include maintenance and operation expenditures, interfund transfers, and operating and capital reserves, as well as planned ending fund balances. The budget does not

include the budgets for the Tax Increment Reinvestment Zones, which will be brought before City Council in a separate action. The Budget is available for review on the Internet, accessible through the City's home page located at <https://www.houstontx.gov/budget/20budprop/index.html>.

The Fiscal Year 2020 Annual Operating Budget is recommended for approval as follows:

<b>Fund</b>	<b>Proposed Budget FY2020</b>
<b>General Fund, Enterprise &amp; Special Revenue Funds*</b>	
General Fund	2,531,093,765
Aviation Fund	545,409,724
Convention and Entertainment Facilities	105,104,392
Water and Sewer Operating Fund	972,880,000
Combined Utility System Operating Fund	472,739,400
Dedicated Drainage & Street Renewal Fund	258,519,400
Storm Water	72,118,100
Asset Forfeiture Fund	8,950,000
Auto Dealers Fund	8,614,122
BARC Special Revenue	13,481,378
Bayou Greenway 2020	1,423,330
Building Inspection Fund	110,164,452
Cable Television	4,949,000
Child Safety Fund	3,420,000
Contractors Responsibility Fund	1,891,706
Essential Public Health Services Fund	20,019,185
Forensic Transition Special Fund	942,519
Health Special Revenue	6,388,829
Historic Preservation Fund	572,100
Houston Emergency Center	29,448,984
Houston TranStar	3,260,900
Juvenile Case Manager Fee	1,473,022
Laboratory Operations and Maintenance	569,400
Maintenance Renewal and Replacement	24,827,935
Municipal Court Bldg Security Fund	660,070
Municipal Court Technology Fee Fund	1,218,711
Parking Management	21,938,136
Parks Golf Special Fund	5,634,313
Parks Special Revenue Fund	3,001,812
Planning & Development Special Revenue	9,006,302
Police Special Services	12,292,670
Recycling Expansion Program	4,433,894
Special Waste	5,358,893
Swimming Pool Safety	1,474,837
Tourism Promotion Special Revenue Fund	20,105,888
<b>Total</b>	<b>5,283,387,169</b>
<b>Enterprise Related Funds</b>	
HAS-AIF Capital Outlay	14,294,741
Combined Utility System Gen Pur Fund	240,937,700
<b>Total</b>	<b>255,232,441</b>
<b>Service Chargeback Funds</b>	
Central Service Revolving Fund	229,801,119
Fleet Management Fund	89,840,203
In-House Renovation	6,068,547
Project Cost Recovery Fund	56,682,968
Property & Casualty Fund	49,749,580
Workers' Compensation	31,628,268
<b>Total</b>	<b>463,770,685</b>
<b>Internal Service Funds</b>	
Health Benefits	410,634,964
Long Term Disability	1,390,000
<b>Total</b>	<b>412,024,964</b>

\* Attached are redlined pages of the budget providing adjustments and corrections.

---

Tantri Emo, Director

**Contact Information:**

Will Jones, Deputy Director  
832-393-9080

**ATTACHMENTS:**

**Description**

Budget cover sheet

**Type**

Signed Cover sheet

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date:

Item Creation Date:

FIN - FY20 Budget Ordinance

Agenda Item#:

**Background:**

Beginning May 8, 2019, City Council's Budget and Fiscal Affairs Committee hosted a series of budget workshops to review and discuss the Fiscal Year 2020 operating budget. The budget was distributed to City Council on May 7, 2019, in accordance with the City Charter and the Texas Local Government Code. The expenditure operating budget for all funds totals approximately **\$5.5 billion**, which includes a General Fund expenditure budget of approximately **\$2.5 billion**.

The budget ordinance includes the following provisions:

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- Approval of the incorporation in the Adopted Budget for FY2020, FY2018 and FY2019 information, and the adjustment of fund balances that may occur as a result;
- Approval to increase the budgets for the Aviation Revenue Fund, but only for transfer to the Airport Improvement Fund, in the event, and to the extent, of unanticipated revenue increases in the Fund as certified by the City Controller;
- Approval to increase the budgets for the Water and Sewer Operating Fund and the Combined Utility System Operating Fund, but only for transfer to the Combined Utility System General Purpose Fund in the event, and to the extent, of unanticipated revenue increases in the Fund as certified by the City Controller;
- Approval to increase the budgets in various Funds to the extent of unanticipated revenue increases in the Fund as certified by the City Controller;
- Approval to charge \$35.00 plus tax and postage per set for the purchase of the budget document.

The budget totals include maintenance and operation expenditures, interfund transfers, and operating and capital reserves, as well as planned ending fund balances. The budget does not include the budgets for the Tax Increment Reinvestment Zones, which will be brought before City Council in a separate action. The Budget is available for review on the Internet, accessible through the City's home page located at <https://www.houstontx.gov/budget/20budprop/index.html>.

The Fiscal Year 2020 Annual Operating Budget is recommended for approval as follows:

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<b>General Fund, Enterprise &amp; Special Revenue Funds*</b>	
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Aviation Fund	545,409,724
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Storm Water	72,118,100
Asset Forfeiture Fund	8,950,000
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BARC Special Revenue	13,481,378
Bayou Greenway 2020	1,423,330
Building Inspection Fund	110,164,452
Cable Television	4,949,000
Child Safety Fund	3,420,000
Contractors Responsibility Fund	1,891,706
Essential Public Health Services Fund	20,019,185
Forensic Transition Special Fund	942,519
Health Special Revenue	6,388,829
Historic Preservation Fund	572,100
Houston Emergency Center	29,448,984
Houston TranStar	3,260,900
Juvenile Case Manager Fee	1,473,022
Laboratory Operations and Maintenance	569,400
Maintenance Renewal and Replacement	24,827,935
Municipal Court Bldg Security Fund	660,070
Municipal Court Technology Fee Fund	1,218,711
Parking Management	21,938,136
Parks Golf Special Fund	5,634,313
Parks Special Revenue Fund	3,001,812
Planning & Development Special Revenue	9,006,302
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Special Waste	5,358,893
Swimming Pool Safety	1,474,837
Tourism Promotion Special Revenue Fund	20,105,888
<b>Total</b>	<b>5,283,387,169</b>
<b>Enterprise Related Funds</b>	
HAS-AIF Capital Outlay	14,294,741
Combined Utility System Gen Pur Fund	240,937,700
<b>Total</b>	<b>255,232,441</b>
<b>Service Chargeback Funds</b>	
Central Service Revolving Fund	229,801,119
Fleet Management Fund	89,840,203
In-House Renovation	6,068,547
Project Cost Recovery Fund	56,682,968
Property & Casualty Fund	49,749,580
Workers' Compensation	31,628,268
<b>Total</b>	<b>463,770,685</b>
<b>Internal Service Funds</b>	
Health Benefits	410,634,964
Long Term Disability	1,390,000
<b>Total</b>	<b>412,024,964</b>

\* Attached are redlined pages of the budget providing adjustments and corrections.

DocuSigned by:

Tantri Emo

Tantri Emo, Director

### **Contact Information:**

Will Jones, Deputy Director  
832-393-9080



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

Item Creation Date:

FIN - Ordinance to ratify the increase in property tax revenues as reflected in the FY20 Operating Budget

Agenda Item#: 9.

### **Summary:**

O2019-454 ORDINANCE ratifying the adoption of the Fiscal Year 2020 annual Budgets raising more revenue from ad valorem (property) taxes due to increased property valuations and the addition of property to the tax roll than in Fiscal Year 2019; setting an effective date

**This item should only be considered after passage of Item 8 above**

### **Background:**

After adoption of the budget ordinance, a second vote to ratify the increase in property tax revenues included in the budget must be taken as required by Section 102.007(c) of the Texas Local Government Code for budgets adopted after September 1, 2007;

"Adoption of a budget that will require raising more revenue from property taxes than in the previous year requires a separate vote of the governing body to ratify the property tax increase reflect in the budget. A vote under this subsection is in addition to and separate from the vote to adopt the budget or vote to set the tax rate required by Chapter 26, Tax Code, or other law."

Chapter 102 of the Texas Local Government Code also sets out language to be included, verbatim, in any budget adopted after September 2013, and in the posted published notices of the related public hearing. Accordingly, the following statement has been included in the proposed budget and in the required notices to comply with the law.

"This budget will raise more revenue from property taxes from last year's budget by an amount of \$14,874,355 or 1.24% increase, and of that amount \$23,162,235 is tax revenue to be raised from new property added to the tax roll this year."

Approval of this item ratifying the increase in property tax revenues reflected in the budget, as required by State law, is recommended.

---

Tantri Emo, Director

**Contact Information:**

Will Jones, Deputy Director  
832-393-9080

**ATTACHMENTS:**

**Description**

Signed Cover sheet

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

Item Creation Date:

FIN - Ordinance to ratify the increase in property tax revenues as reflected in the FY20  
Operating Budget

Agenda Item#:

### **Background:**

After adoption of the budget ordinance, a second vote to ratify the increase in property tax revenues included in the budget must be taken as required by Section 102.007(c) of the Texas Local Government Code for budgets adopted after September 1, 2007;

"Adoption of a budget that will require raising more revenue from property taxes than in the previous year requires a separate vote of the governing body to ratify the property tax increase reflect in the budget. A vote under this subsection is in addition to and separate from the vote to adopt the budget or vote to set the tax rate required by Chapter 26, Tax Code, or other law."

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"This budget will raise more revenue from property taxes from last year's budget by an amount of \$14,874,355 or 1.24% increase, and of that amount \$23,162,235 is tax revenue to be raised from new property added to the tax roll this year."

Approval of this item ratifying the increase in property tax revenues reflected in the budget, as required by State law, is recommended.

DocuSigned by:

*Tantri Emo*

Tantri Emo, Director

### **Contact Information:**

Will Jones, Deputy Director  
832-393-9080



## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

Item Creation Date:

FIN - FY20 Interim Spending

Agenda Item#: 10.

### **Summary:**

O2019-455 ORDINANCE providing for the continuation of appropriations for the support of the City Government pursuant to the requirements of Article VIa, Section 1 of the City Charter; authorizing certain transfers; making other provisions related to the subject; containing a repealer and a severability clause

### **Background:**

The City adopts a Continuing Appropriation and interim spending plan ordinance to be effective at the beginning of the fiscal year as the appropriation for the fiscal year budget until the General Appropriation is adopted later in the year. It also serves as spending authority in the event that the FY2020 Budget is not timely adopted. It is recommended that the FY2019 General Appropriation serve as the basis for the Continuing Appropriation and interim spending plan for City operations beginning July 1, 2019.

Exceptions are noted with asterisk.

It is requested that the following amounts be appropriated:

	RECOMMENDED APPROPRIATION / SPENDING LIMITS
Fund	
General Fund, Enterprise & Special Revenue Funds	
General Fund	2,501,417,060
Aviation Fund	526,226,018
Convention and Entertainment Facilities	102,530,472
Water and Sewer Operating Fund	958,657,600
Combined Utility System Operating Fund	472,739,400 *
Dedicated Drainage & Street Renewal Fund	240,470,299
Storm Water	67,816,200
Asset Forfeiture Fund	8,950,000 *
Auto Dealers Fund	8,614,122 *
Bayou Greenway 2020	1,347,227
BARC Special Revenue	13,154,295
Building Inspection Fund	91,470,800
Cable Television	4,170,619
Child Safety Fund	3,420,000 *
Contractors Responsibility Fund	1,689,238
Essential Public Health Services Fund	20,019,185 *
Forensic Transition Special Fund	942,519 *
Health Special Revenue	5,756,881
Historic Preservation Fund	386,846
Houston Emergency Center	28,431,855
Houston TranStar	3,169,100
Juvenile Case Manager Fee	1,473,022 *
Laboratory Operations and Maintenance	569,400
Maintenance Renewal and Replacement	21,908,848
Municipal Court Bldg Security Fund	659,693
Municipal Court Technology Fee Fund	863,649
Parking Management	21,938,136 *
Parks Golf Special Fund	5,402,236
Parks Special Revenue Fund	3,001,812 *
Planning & Development Special Revenue	8,033,091
Police Special Services	9,922,478
Recycling Expansion Program	4,433,894 *
Special Waste	5,358,893 *
Swimming Pool Safety	1,474,837 *
Tourism Promotion Special Revenue Fund	20,105,888 *
Total	5,166,525,613
* Proposed FY2020 Expenditure Budget Numbers	

	RECOMMENDED
Fund	APPROPRIATION / SPENDING LIMITS
Enterprise Related Funds	
HAS-AIF Capital Outlay	8,245,307
Combined Utility System Gen Pur Fund	224,276,300
Total	232,521,607
	* Proposed FY2020 Expenditure Budget Numbers

In addition to the proposed expenditures shown above:

- Authorize spending for the Internal Service and Service Chargeback Funds to the extent of revenues generated within the funds.
- Approval of the Continuing Appropriation and interim spending plan ordinance for FY2020 is recommended.

---

Tantri Emo, Director

**Contact Information:**

Will Jones, Deputy Director

**Phone:** 832-393-9080

**ATTACHMENTS:****Description**

Interim Spending signed coversheet

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

Item Creation Date:

FIN - FY20 Interim Spending

Agenda Item#:

**Background:**

The City adopts a Continuing Appropriation and interim spending plan ordinance to be effective at the beginning of the fiscal year as the appropriation for the fiscal year budget until the General Appropriation is adopted later in the year. It also serves as spending authority in the event that the FY2020 Budget is not timely adopted. It is recommended that the FY2019 General Appropriation serve as the basis for the Continuing Appropriation and interim spending plan for City operations beginning July 1, 2019. Exceptions are noted with asterisk. It is requested that the following amounts be appropriated:

RECOMMENDED APPROPRIATION / SPENDING LIMITS	
Fund	
<b>General Fund, Enterprise &amp; Special Revenue Funds</b>	
General Fund	2,501,417,080
Aviation Fund	526,226,018
Convention and Entertainment Facilities	102,530,472
Water and Sewer Operating Fund	958,657,600
Combined Utility System Operating Fund	472,739,400 *
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Swimming Pool Safety	1,474,837 *
Tourism Promotion Special Revenue Fund	20,105,888 *
<b>Total</b>	<b>5,166,525,613</b>
* Proposed FY2020 Expenditure Budget Numbers	

RECOMMENDED APPROPRIATION / SPENDING LIMITS	
Fund	
<b>Enterprise Related Funds</b>	
HAS-AIF Capital Outlay	8,245,307
Combined Utility System Gen Pur Fund	224,276,300
<b>Total</b>	<b>232,521,607</b>
* Proposed FY2020 Expenditure Budget Numbers	

In addition to the proposed expenditures shown above:

- Authorize spending for the Internal Service and Service Chargeback Funds to the extent of revenues generated within the funds.
- Approval of the Continuing Appropriation and interim spending plan ordinance for FY2020 is recommended.

DocuSigned by:

Tantiri Eno

Tantiri Eno, Director

**Contact Information:**

Will Jones, Deputy Director  
832-393-9080



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

Item Creation Date:

FIN - CUS CP Series B-4

Agenda Item#: 11.

### **Summary:**

O2019-456 ORDINANCE supplementing Ordinance No. 2009-1118 relating to the issuance of City of Houston, Texas, Combined Utility System Commercial Paper Notes, Series B-4; authorizing the substitution of the credit facility, the execution and delivery of a reimbursement agreement, bank fee letter, a bond counsel agreement, and approving an updated offering memorandum in connection therewith; resolving other matters related thereto; and declaring an emergency

### **Background:**

#### **RECOMMENDATION:**

Approve an Ordinance supplementing Ordinance No. 2009-1118 Relating to the issuance of City of Houston, Texas Combined Utility System Commercial Paper Notes, Series B-4; authorizing the substitution of credit facilities, the execution and delivery of a reimbursement agreement, bank fee letter, a bond counsel agreement, and approving updated offering memorandum.

#### **SPECIFIC EXPLANATION:**

Starting in 1993, City Council began authorizing commercial paper programs to provide appropriation capacity and "on time" funding for various capital expenditures of the City to be funded with proceeds of debt. The issuance of commercial paper has provided an expedient, cost-effective method of providing interim financing. Commercial paper notes are later refinanced with fixed rate bonds with maturities matching the useful lives of the projects or equipment being financed.

The existing letters of credit that support the current Series B-4 commercial paper (CP) program has an upcoming expiration date of July 12, 2019. This program currently supports capital expenditures related to the Combined Utility System's Capital Improvement Plan projects. The aggregate amount will not exceed \$100 million.

PNC Bank will provide liquidity for the Series B-4 program in the amount of \$100 million, plus interest and will have a 3-year term agreement with the City.

The Finance Working Group (the "FWG") also recommends U.S. Bank as issuing/paying agent, along with Orrick and Bates & Coleman, P.C. as co-bond counsel. Barclays, Citigroup, JP Morgan, Ramirez & Co., Inc. and Rice Financial are recommended as dealers.

This transaction was presented to the Budget and Fiscal Affairs Committee on April 2nd, 2019.

The FWG recommends the approval of this item.

**Prior Council Action:**

Ordinance 2009-1118

**Amount of Funding:**

n/a

**Contact Information:**

Melissa Dubowski Phone: 832-393-9101

Charisse Mosely Phone: 832-393-3529

**ATTACHMENTS:**

**Description**

cover sheet

**Type**

Signed Cover sheet

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

Item Creation Date:

FIN - CUS CP Series B-4

Agenda Item#: 11.

**Summary:**

ORDINANCE supplementing Ordinance No. 2009-1118 relating to the issuance of City of Houston, Texas, Combined Utility System Commercial Paper Notes, Series B-4; authorizing the substitution of the credit facility, the execution and delivery of a reimbursement agreement, bank fee letter, a bond counsel agreement, and approving an updated offering memorandum in connection therewith; resolving other matters related thereto; and declaring an emergency

**Background:****RECOMMENDATION:**

Approve an Ordinance supplementing Ordinance No. 2009-1118 Relating to the issuance of City of Houston, Texas Combined Utility System Commercial Paper Notes, Series B-4; authorizing the substitution of credit facilities, the execution and delivery of a reimbursement agreement, bank fee letter, a bond counsel agreement, and approving updated offering memorandum.

**SPECIFIC EXPLANATION:**

Starting in 1993, City Council began authorizing commercial paper programs to provide appropriation capacity and "on time" funding for various capital expenditures of the City to be funded with proceeds of debt. The issuance of commercial paper has provided an expedient, cost-effective method of providing interim financing. Commercial paper notes are later refinanced with fixed rate bonds with maturities matching the useful lives of the projects or equipment being financed.

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PNC Bank will provide liquidity for the Series B-4 program in the amount of \$100 million, plus interest and will have a 3-year term agreement with the City.

The Finance Working Group (the "FWG") also recommends U.S. Bank as issuing/paying agent, along with Orrick and Bates & Coleman, P.C. as co-bond counsel. Barclays, Citigroup, JP Morgan, Ramirez & Co., Inc. and Rice Financial are recommended as dealers.

This transaction was presented to the Budget and Fiscal Affairs Committee on April 2nd, 2019.

The FWG recommends the approval of this item.

Handwritten signature of Tantri Emo.

Tantri Emo, Chief Business Officer/Director of Finance

Handwritten signature of Chris B. Brown.

Chris B. Brown, Houston City Controller

**Prior Council Action:**

Ordinance 2009-1118

**Amount of Funding:**

n/a

**Contact Information:**

Melissa Dubowski Phone: 832-393-9101

Charisse Mosely Phone: 832-393-3529



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

District H

Item Creation Date:

HPW20DMB9649/Abandonment and Sale of Norwood  
Street/SY16-050

Agenda Item#: 12.

### **Summary:**

**TAG CM Edwards and Cisneros** ORDINANCE finding and determining that public convenience and necessity no longer require the continued use of a portion of Norwood Street, from Canal Street north to the H.B. & T. Railroad Company right of way, situated in the Samuel M. Williams Survey, Abstract No. 87, Harris County, Texas; abandoning the street portion to Harris County, the abutting owner, in consideration of its payment to the City of \$164,341.00, conveyance to the City of a full-width-utility easement and two right-of-way easements, and other good and valuable consideration - **DISTRICT H - CISNEROS**

### **Background:**

**SUBJECT:** Abandonment and sale of Norwood Street, from Canal Street north to the H.B. & T. Railroad Company right-of-way, in exchange for conveyance to the City of a full-width utility easement and two right-of-way easements, located within the Niels Esperson Industrial District, out of the S.M. Williams Survey. **Parcel SY16-050**

**RECOMMENDATION:** It is recommended City Council approve an ordinance authorizing the abandonment and sale of Norwood Street, from Canal Street north to the H.B. & T. Railroad Company right-of-way, in exchange for conveyance to the City of a full-width utility easement and two right-of-way easements, located within the Niels Esperson Industrial District, out of the S.M. Williams Survey. **Parcel SY16-050**

**SPECIFIC EXPLANATION:** Reece Fickes of Harris County, 10555 Northwest Freeway, Suite 201, Houston, Texas 77092 on behalf of Shannon C. Watson, P.E., Director, Right-of-Way Division, Harris County, 10555 Northwest Freeway, Suite 201, Houston, Texas 77091, the underlying fee owner, requested the abandonment and sale of Norwood Street from Canal Street north to the H.B.&T. Railroad Company right-of-way, in exchange for conveyance to the City of a full-width utility easement and two right-of-way easements, located within the Niels Esperson Industrial District, out of the S.M. Williams Survey. The applicant plans to incorporate the right-of-way into its abutting properties to develop the area for additional parking to accommodate the County's storage warehouse facility. The Joint Referral Committee reviewed and approved this request.

The City will abandon and sell to Harris County:

**Parcel SY16-050**

21,711 square-foot of right-of-way easement \$303,954.00  
Valued at \$14.00 per square foot x100%

Plus the total depreciated value of  
concrete paving, sidewalks and curbs \$58,480.00

**TOTAL ABANDONMENT AND SALE** **\$362,434.00**

In exchange, Harris County will pay:

Cash \$164,341.00

Plus Harris County will convey to the City:

**Parcel VY17-001**

21,711 square-foot utility easement \$151,977.00  
Valued at \$14.00 per square foot x 50%

**Parcel AY17-001A**

1,650 square-foot of right-of-way easement \$23,100.00  
Valued at \$14.00 per square foot x100%

**Parcel AY17-001B**

1,644 square-foot of right-of-way easement \$23,016.00  
Valued at \$14.00 per square foot x100%

-

-

**TOTAL CASH AND CONVEYANCE** **\$362,434.00**

-

Therefore, it is recommended City Council approve an ordinance authorizing abandonment and sale of Norwood Street, from Canal Street north to the H.B. & T. Railroad Company right-of-way, in exchange for a cash consideration of \$164,341.00 and conveyance to the City of a full-width utility easement and two right-of-way easements, located within the Niels Esperson Industrial District, out of the S.M. Williams Survey.

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Carol Ellinger Haddock, P.E., Director  
Houston Public Works

Contact Information

Marjorie L. Cox  
Assistant Director-Real Estate  
(832) 395-3130

**ATTACHMENTS:**

**Description**

Signed Coversheet  
Aerial Map  
GIMS Utilities Map  
Council District H Map

**Type**

Signed Cover sheet  
Backup Material  
Backup Material  
Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:  
District H  
Item Creation Date:

HPW20DMB9649/Abandonment and Sale of Norwood Street/SY16-050

Agenda Item#:

### **Background:**

**SUBJECT:** Abandonment and sale of Norwood Street, from Canal Street north to the H.B. & T. Railroad Company right-of-way, in exchange for conveyance to the City of a full-width utility easement and two right-of-way easements, located within the Niels Esperson Industrial District, out of the S.M. Williams Survey. **Parcel SY16-050**

**RECOMMENDATION:** It is recommended City Council approve an ordinance authorizing the abandonment and sale of Norwood Street, from Canal Street north to the H.B. & T. Railroad Company right-of-way, in exchange for conveyance to the City of a full-width utility easement and two right-of-way easements, located within the Niels Esperson Industrial District, out of the S.M. Williams Survey. **Parcel SY16-050**

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The City will abandon and sell to Harris County:

**Parcel SY16-050**

21,711 square-foot of right-of-way easement	\$303,954.00
Valued at \$14.00 per square foot x100%	

Plus the total depreciated value of concrete paving, sidewalks and curbs	<u>\$58,480.00</u>
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<b>TOTAL ABANDONMENT AND SALE</b>	<b><u>\$362,434.00</u></b>
-----------------------------------	----------------------------

In exchange, Harris County will pay:

Cash	\$164,341.00
------	--------------

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21,711 square-foot utility easement	\$151,977.00
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**Parcel AY17-001A**

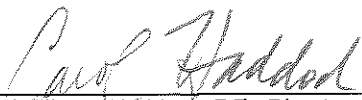
1,650 square-foot of right-of-way easement	\$23,100.00
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**Parcel AY17-001B**

1,644 square-foot of right-of-way easement	\$23,016.00
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<b>TOTAL CASH AND CONVEYANCE</b>	<b><u>\$362,434.00</u></b>
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Therefore, it is recommended City Council approve an ordinance authorizing abandonment and sale of Norwood Street, from Canal Street north to the H.B. & T. Railroad Company right-of-way, in exchange for a cash consideration of \$164,341.00 and conveyance to the City of a full-width utility easement and two right-of-way easements, located within the Niels Esperson Industrial District, out of the S.M. Williams Survey.



Carol Ellinger Haddock, P.E., Director  
Houston Public Works

Contact Information

Marjorie L. Cox  
Assistant Director-Real Estate  
(832) 395-3130

**ATTACHMENTS:**

**Description**

Aerial Map

GIMS Utilities Map

Council District H Map

**Type**

Backup Material

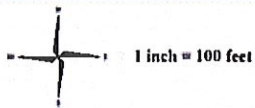
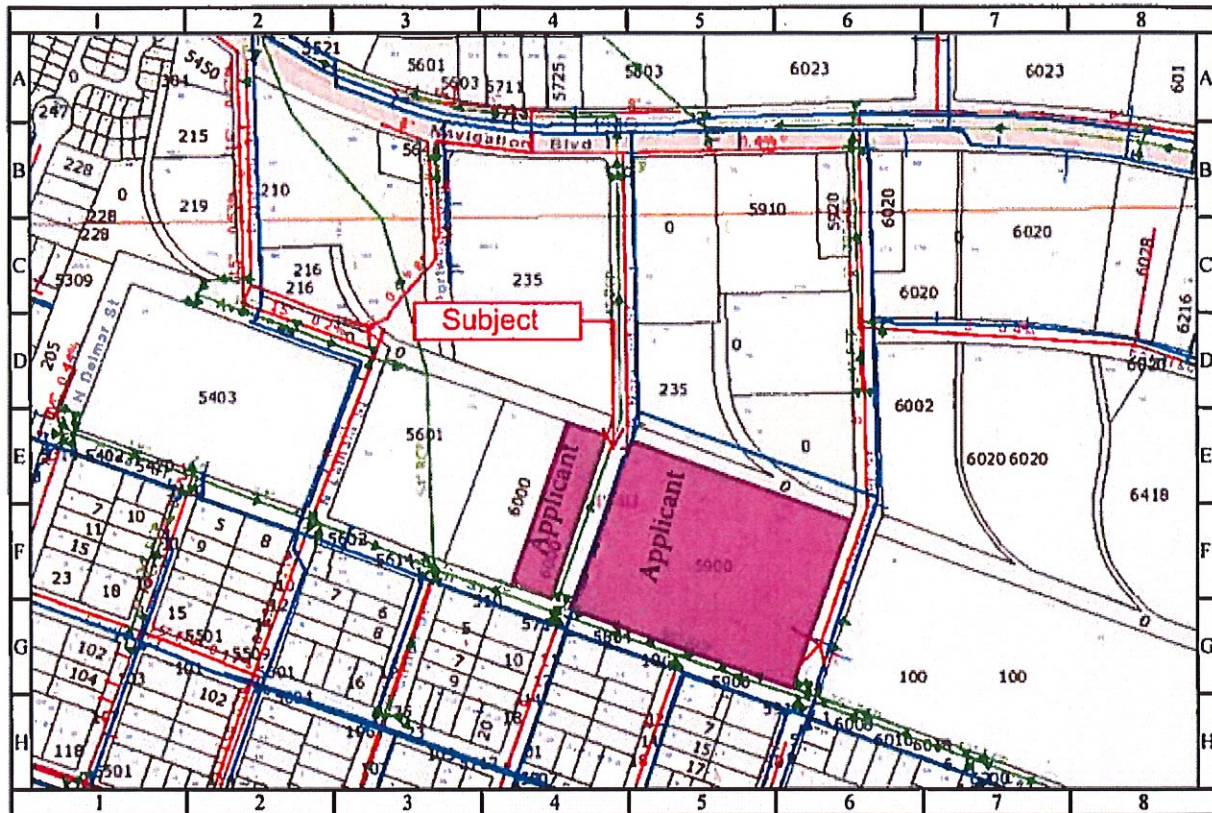
Backup Material

Backup Material

Abandonment and sale of Norwood Street, from Canal Street north to the H.B. & T. Railroad Company right-of-way, in exchange for conveyance to the City of a full-width utility easement and two right-of-way easements, located within the Niels Esperson Industrial District, out of the S.M. Williams Survey. Parcel SY16-050



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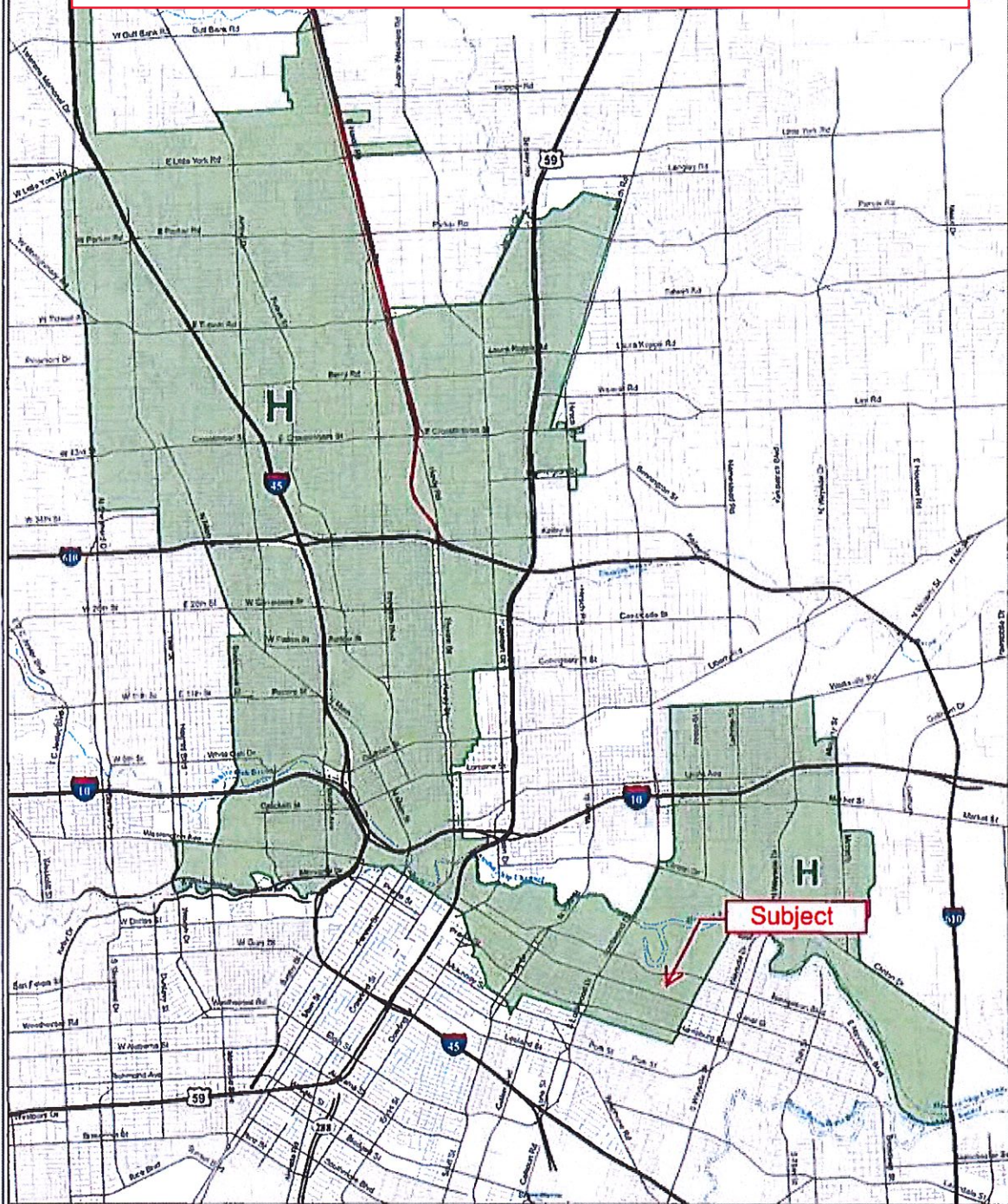


**CITY OF HOUSTON**  
 Department of Public Works and Engineering  
 Geographic Information & Management System (GIMS)

DISCLAIMER: THIS MAP REPRESENTS THE BEST INFORMATION AVAILABLE TO THE CITY.  
 THE CITY DOES NOT WARRANT ITS ACCURACY OR COMPLETENESS.  
 FIELD VERIFICATIONS SHOULD BE DONE AS NECESSARY.



**Abandonment and sale of Norwood Street, from Canal Street north to the H.B. & T. Railroad Company right-of-way, in exchange for conveyance to the City of a full-width utility easement and two right-of-way easements, located within the Niels Esperson Industrial District, out of the S.M. Williams Survey. Parcel SY16-050**



#### Legend

- Waterway
- District H

**City of Houston**  
**Council District H**  
**Ed Gonzalez**



Source: COGIS Database  
 Date: January 2014  
 Reference: pj17375\_H

This map is made available for reference purposes only and should not be substituted for a survey product. The City of Houston will not accept liability of any kind in conjunction with its use.



**PLANNING &  
 DEVELOPMENT  
 DEPARTMENT**



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 4/15/2019

### HCD19-33 Home Repair Program Master Contractor Agreement Additional Funding

Agenda Item#: 13.

#### **Summary:**

**\*\*\*PULLED – This item will not be considered on 6/19**

ORDINANCE appropriating an additional \$5,445,213.75 in Tax Increment Reinvestment Zone Funds to provide funding for the Master Contractor Agreements under the Home Repair Program authorized by Ordinance No. 2018-56, as amended, thereby increasing the maximum amount of the Master Contractor Agreements executed pursuant thereto

#### **Background:**

The Housing and Community Development Department ("HCDD") recommends Council approval of an Ordinance authorizing an additional \$5,445,213.75 in Tax Increment Reinvestment Zone (TIRZ) funds to the Master Contractor Agreements under the City of Houston Home Repair Program (HRP) for home repair and reconstruction services for eligible low- and moderate-income (LMI) homeowners to alleviate immediate threats to their health, life, and/or safety. This is in addition to the 148 LMI homeowners receiving rehabilitation and reconstruction services with previously allocated CDBG funding.

On January 24, 2018, by Ordinance No. 2018-56, City Council approved the use of a Master Contractor Agreement for the City of Houston Home Repair Program and authorized the Mayor to execute a Master Contractor Agreement with each of the following contractors: SLSCO, LTD.; PMG CONSTRUCTION, INC; THE BAPTISTE GROUP LLC; DSW HOMES, LLC; HOUSTON HABITAT FOR HUMANITY, INC; CROWN RIDGE BUILDERS, LLC; THOMPSON CONSTRUCTION GROUP, INC; BURGHLI INVESTMENTS INC dba BURGHLI HOMES; MAYBERRY HOMES, INC; REBUILDING TOGETHER - HOUSTON; JAMES W. TURNER CONSTRUCTION, LTD.; and BYRDSON SERVICES LLC dba EXCELLO HOMES.

Currently, funding for the City of Houston's HRP Master Contractor Agreements totals \$32,597,438.00 through the following Ordinances:

Date	Ordinance No.	Funding Source	Amount
January 24, 2018	2018-56*	TIRZ	\$10,000,000.00
February 7, 2018	2018-84	CDBG	\$8,200,000.00
February 7, 2018	2018-84	CDBG-DR	\$10,800,00.00
November 28, 2018	2018-936*	TIRZ	(\$9,935,050.00)

December 4, 2018	2018-981	CDBG	\$10,098,907.00
February 13, 2019	2019-83	CDBG	\$3,433,581.00
		Totals	\$32,597,438.00

\*Note: Ordinance 2018-56 was an allocation of \$10,000,000 TIRZ funds and Ordinance 2018-936 de-appropriated \$9,935,050.00 of TIRZ funds, leaving a balance of \$64,950.00 of TIRZ funds which was allocated to the contract with Thomson Construction Group, Inc.

Funding under the Master Contractor Agreements will be expended through Tri-Party Agreements between the City, Homeowner, and Contractor for each rehabilitation or reconstruction Project.

No fiscal note is required on grant items. The Housing and Community Affairs Committee reviewed this item on May 22, 2019.

---

Tom McCasland, Director

**Prior Council Action:**

01/24/2018 (O) 2018-0056

02/07/2018 (O) 2018-0084

12/04/2018 (O) 2018-0981

02/13/2019 (O) 2019-0083

**Amount of Funding:**

\$5,445,213.75

TIRZ Affordable Housing Fund

Fund 2409

**Contact Information:**

Roxanne Lawson

Phone: (832) 394-6307

**ATTACHMENTS:**

Description	Type
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## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

District I

Item Creation Date: 6/4/2019

HAS - Amendment No. 1 to Lease Agreement with  
Signature Flight Support Corporation at HOU

Agenda Item#: 14.

### **Summary:**

O2019-457 ORDINANCE approving and authorizing Amendment No. 1 to lease agreement C75842 between the City of Houston, Texas and **SIGNATURE FLIGHT SUPPORT CORPORATION**, for the FAA-required exchange of certain premises at William P. Hobby Airport - Revenue - **DISTRICT I - GALLEGOS**

### **Background:**

#### **RECOMMENDATION:**

Enact an ordinance approving Amendment No. 1 to a lease agreement with Signature Flight Support Corporation for certain premises at William P. Hobby Airport (HOU).

#### **SPECIFIC EXPLANATION:**

On June 11, 2014, by authority of Ordinance 2014-594, City Council approved a lease agreement (Lease) with Signature Flight Support Corporation (Lessee) for approximately 31.9 acres of hangar, aircraft ramp, and unimproved land located at 8402 Nelms Street at William P. Hobby Airport (HOU) to be used for a fixed base operation (FBO) to provide fuel, hangar, and ramp for local and transient aircraft. The FAA required relocation of an airfield navigational aid to be located on Lessee's 1.2 acres of unimproved land, upon which Lessee intended to develop additional capital improvements. In order to accommodate the relocated navigational aid, Lessee wishes to lease other property at HOU in exchange.

The pertinent terms of the Lease, as amended, are as follows:

1. **Leased Premises:** The original Lease site consists of approximately 31.9 acres. Lease site is to be reduced by 1.2 acres of unimproved land and can be increased with a hangar and ramp site of 1.9 acres (ER-7) effective January 1, 2020 at Lessee's option.
2. **Rent:** The reduction of 1.2 acres of unimproved land decreases rent by \$916.35 monthly. The addition of the hangar and ramp site of 1.9 acres increases the rent by \$11,187.50 monthly, if applicable.
3. **Capital Investment:** As a result of the reduction of unimproved land, Lessee has requested an additional two years to commence and complete its capital investment. The amendment allows Lessee's investment to be completed by June 24, 2021. Recognizing that additional development

by Lessee may be restricted by the FAA and its requirements, the amendment further allows for an adjustment to the investment requirement, if necessary. Should the FAA restrict the Lessee's improvements, the total investment requirement will be reduced by \$3 million.

The additional 1.9-acre site for ER-7, if added, will require Lessee to expend \$1.5 million in capital investment.

4. Term: The term of 40 years remains unchanged.

5. Other: All other terms remain unchanged.

**Fiscal Note:**

Revenue for this item is included in the FY2019 Adopted Budget. Therefore, no Fiscal Note is required as stated in the Financial Policies.

**Director's Signature:**

\_\_\_\_\_  
Mario C. Diaz  
Houston Airport System

Estimated Revenue			
DEPARTMENT	FY2019	OUT YEARS	TOTAL
Houston Airport System	\$76,610.74	\$65,862,125.64	\$65,938,736.38

**Prior Council Action:**

06/11/2014 (O) 2014-594

**Amount of Funding:**

REVENUE: \$76,610.74 (FY2019)  
HAS Revenue Fund  
Fund 8001

**Contact Information:**

Todd Curry        281/233-1896  
Ian Wadsworth    281/233-1682

**ATTACHMENTS:**

**Description**

Signed Coversheet

**Type**

Signed Cover sheet



# CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

District I

Item Creation Date: 6/4/2019

HAS - Amendment No. 1 to Lease Agreement with Signature Flight Support Corporation at HOU

Agenda Item#: 52.

## **Background:**

### **RECOMMENDATION:**

Enact an ordinance approving Amendment No. 1 to a lease agreement with Signature Flight Support Corporation for certain premises at William P. Hobby Airport (HOU).

### **SPECIFIC EXPLANATION:**

On June 11, 2014, by authority of Ordinance 2014-594, City Council approved a lease agreement (Lease) with Signature Flight Support Corporation (Lessee) for approximately 31.9 acres of hangar, aircraft ramp, and unimproved land located at 8402 Nelms Street at William P. Hobby Airport (HOU) to be used for a fixed base operation (FBO) to provide fuel, hangar, and ramp for local and transient aircraft. The FAA required relocation of an airfield navigational aid to be located on Lessee's 1.2 acres of unimproved land, upon which Lessee intended to develop additional capital improvements. In order to accommodate the relocated navigational aid, Lessee wishes to lease other property at HOU in exchange.

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3. Capital Investment: As a result of the reduction of unimproved land, Lessee has requested an additional two years to commence and complete its capital investment. The amendment allows Lessee's investment to be completed by June 24, 2021. Recognizing that additional development by Lessee may be restricted by the FAA and its requirements, the amendment further allows for an adjustment to the investment requirement, if necessary. Should the FAA restrict the Lessee's improvements, the total investment requirement will be reduced by \$3 million.

The additional 1.9-acre site for ER-7, if added, will require Lessee to expend \$1.5 million in capital investment.

4. Term: The term of 40 years remains unchanged.

5. Other: All other terms remain unchanged.

### **Fiscal Note:**

Revenue for this item is included in the FY2019 Adopted Budget. Therefore, no Fiscal Note is required as stated in the Financial Policies.

### **Director's Signature:**

DocuSigned by:

*J'Maine Chubb*

A43BC94CA687407...

Mario C. Diaz

Houston Airport System

Estimated Revenue			
DEPARTMENT	FY2019	OUT YEARS	TOTAL
Houston Airport System	\$76,610.74	\$65,862,125.64	\$65,938,736.38

### **Prior Council Action:**

06/11/2014 (O) 2014-594

**Amount of Funding:**

REVENUE: \$76,610.74 (FY2019)

HAS Revenue Fund

Fund 8001

**Contact Information:**

Todd Curry 281/233-1896

Ian Wadsworth 281/233-1682

**ATTACHMENTS:**



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

District B

Item Creation Date: 6/4/2019

HAS – Construction Contract with Super Excavators, Inc. for Sanitary Sewer Improvements at IAH; Project No. 699

Agenda Item#: 15.

### **Summary:**

**\*\*\*PULLED – This item will not be considered on 6/19**

ORDINANCE appropriating \$20,856,710.00 out of Houston Airport System Consolidated 2011 NonAMT Construction Fund, awarding contract to **SUPER EXCAVATORS, INC** for Sanitary Sewer Improvements and related facilities serving the Terminal A Area (Project No. 699); setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering testing services, and contingencies relating to construction of facilities financed by the Houston Airport System Consolidated 2011 NonAMT Construction Fund - **DISTRICT B - DAVIS**

### **Background:**

#### **RECOMMENDATION:**

Enact an ordinance approving and authorizing a Construction Contract with Super Excavators, Inc. for Sanitary Sewer Improvements and related facilities serving the Central Terminal Area at George Bush Intercontinental Airport/Houston (IAH) and appropriating the necessary funds to finance the cost of these services. (Project No. 699)

#### **SPECIFIC EXPLANATION:**

The airside sanitary sewer lines and related facilities that serve the George Bush Intercontinental Airport/Houston (IAH) Central Terminal Area are approaching the end of their useful life. The Houston Airport System has determined that the installation of a new twenty-four inch (24") sanitary sewer line with a forty-two-inch (42") steel casing on the airside of the IAH Central Terminal Area is required. Additionally, this project will require the abandonment of the existing eighteen-inch (18") sanitary sewer line that currently serves this area.

On May 4, 2018 and May 11, 2018, a Request for Competitive Sealed Proposal (CSP) was advertised in accordance with City policy, and proposals were received from the following three entities:

- BRH Garver Construction, LP
- Super Excavators, Inc.
- PSC Vadnais Trenchless Services, Inc.

On September 6, 2018, the Evaluation Committee read and evaluated the proposals in accordance with pre-established criteria and evaluation procedures set forth in the RFCSP, which included:

- Company Experience
- Staffing/Key Personnel
- Construction Services
- Pricing
- Minimum Qualifications or Requirements
- MWSBE Compliance
- Financial Capabilities

After reviewing the three proposals, the Evaluation Committee recommended Super Excavators, Inc. for award.

It is now requested that City Council approve a Construction Contract with Super Excavators, Inc.

Professional Engineering Design Services were performed by RS&H, Inc. under an On-Call Design Services Contract.

Engineering Testing Services Contract:

Engineering testing services will be provided by GeoTech Engineering and Testing under Contract No. 4600012369.

Project Costs: The total amount to be appropriated is as follows:

\$19,045,210.00 Construction Costs  
 \$ 905,750.00 Contingency  
 \$ 905,750.00 Engineering Testing Services  
 \$20,856,710.00 Total Appropriation

Pay or Play:

The proposed contract requires compliance with the City's "Pay or Play" ordinance regarding health benefits for employees of City contractors. In this case, the contractor and/or its sub-contractors will utilize both the "Pay" and the "Play" options in compliance with City policy.

MWSBE Participation:

The Minority Women Business Enterprise (MWBE) goal for this contract is 19.14% (MBE 15.63% and WBE 3.51%). The contractor, Super Excavators, Inc., submitted a participation plan matching that goal and also proposes 3.19% participation by SBE firms (for a total of 22.33% MWSBE participation). The HAS Office of Business Opportunity has approved the participation plan which utilizes the following firms:

<b>Certified Firm</b>	<b>Certification</b>	<b>Type of Work</b>	<b>Amount</b>	<b>%</b>
Gulf Area Trucking	MBE	Trucking	\$ 378,999.68	1.99
Gulf Area Trucking	MBE	Cement Stabilized Sand	\$ 49,517.55	0.26
Western Group Consultants (Rahaman and Associates, Inc.)	MBE	Surveying	\$ 125,698.39	0.66
Western Group Consultants (Rahaman and Associates, Inc.)	MBE	Instrumentation	\$ 175,215.93	0.92
216 Resources, Inc.	MBE	Permalock Pipe Supply	\$ 2,148,299.69	11.28
Neera Associates Inc.	MBE	Engineering Services	\$ 49,517.55	0.26
Harris County Rentals, LLC, DBA Texas State Rentals	MBE	Equipment Rental	\$ 49,517.55	0.26
GCI Solutions LLC	WBE	Concrete Paving	\$ 49,517.55	0.26
Blue Knight Security LLC	WBE	Site Security	\$ 97,130.57	0.51
216 Resources, Inc.	WBE	Hobas Pipe Supply	\$ 521,838.75	2.74
MWBE TOTAL			\$ 3,645,253.21	19.14%

K4 Environmental LLC	SBE	Control & Landscaping	\$ 97,130.57	0.51
Gulf Coast Grouting, Inc.	SBE	Sewer Abandonment	\$ 49,517.55	0.26

Gulf Coast Grouting, Inc.	SBE	Grouting	\$ 262,823.90	1.38
National Works, Inc.	SBE	Rehab Manholes, Manhole Coating	\$ 198,070.18	1.04
		SBE TOTAL	\$ 607,542.20	3.19%

**CIP Fiscal Note:**

No significant Fiscal Operating impact is anticipated as a result of this contract.

**Director's Signature:**

\_\_\_\_\_  
Mario C. Diaz  
Houston Airport System

\_\_\_\_\_  
Andy Icken  
Chief Development Officer

**Amount of Funding:**

\$20,856,710.00  
Houston Airport System Consolidated 2011 Construction Fund  
Fund 8206

**Contact Information:**

Todd Curry 281/233-1896  
Robert Barker 281/233-1953

**ATTACHMENTS:**

**Description**

Signed Coversheet

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District B

Item Creation Date: 6/4/2019

HAS – Construction Contract with Super Excavators, Inc. for Sanitary Sewer Improvements at IAH; Project No. 699

Agenda Item#:

### **Background:**

#### **RECOMMENDATION:**

Enact an ordinance approving and authorizing a Construction Contract with Super Excavators, Inc. for Sanitary Sewer Improvements and related facilities serving the Central Terminal Area at George Bush Intercontinental Airport/Houston (IAH) and appropriating the necessary funds to finance the cost of these services. (Project No. 699)

#### **SPECIFIC EXPLANATION:**

The airside sanitary sewer lines and related facilities that serve the George Bush Intercontinental Airport/Houston (IAH) Central Terminal Area are approaching the end of their useful life. The Houston Airport System has determined that the installation of a new twenty-four inch (24") sanitary sewer line with a forty-two-inch (42") steel casing on the airside of the IAH Central Terminal Area is required. Additionally, this project will require the abandonment of the existing eighteen-inch (18") sanitary sewer line that currently serves this area.

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- Pricing
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**Project Costs:** The total amount to be appropriated is as follows:

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Harris County Rentals, LLC, DBA Texas State Rentals	MBE	Equipment Rental	\$ 49,517.55	0.26
GCI Solutions LLC	WBE	Concrete Paving	\$ 49,517.55	0.26
Blue Knight Security LLC	WBE	Site Security	\$ 97,130.57	0.51
216 Resources, Inc.	WBE	Hobas Pipe Supply	\$ 521,838.75	2.74
<b>MWBE TOTAL</b>			<b>\$ 3,645,253.21</b>	<b>19.14%</b>

K4 Environmental LLC	SBE	Control & Landscaping	\$ 97,130.57	0.51
Gulf Coast Grouting, Inc.	SBE	Sewer Abandonment	\$ 49,517.55	0.26
Gulf Coast Grouting, Inc.	SBE	Grouting	\$ 262,823.90	1.38
National Works, Inc.	SBE	Rehab Manholes, Manhole Coating	\$ 198,070.18	1.04
<b>SBE TOTAL</b>			<b>\$ 607,542.20</b>	<b>3.19%</b>

**CIP Fiscal Note:**

No significant Fiscal Operating impact is anticipated as a result of this contract.

**Director's Signature:**

DS  
RB

DocuSigned by:

*J'Maine Chubb*

A43BC94CA687407...

Mario C. Diaz

Houston Airport System

DocuSigned by:

*Andy Icken*

FFE647D8437E417...

Andy Icken

Chief Development Officer

**Amount of Funding:**

\$20,856,710.00

Houston Airport System Consolidated 2011 Construction Fund

Fund 8206

**Contact Information:**

Todd Curry 281/233-1896

Robert Barker 281/233-1953



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date:

MYR - TIRZ Appropriating \$67,493,750.20

Agenda Item#: 16.

### **Summary:**

O2019-470 ORDINANCE appropriating \$67,493,750.20 out of Tax Increment Funds for Reinvestment Zone Number One, City of Houston, Texas (Lamar Terrace Zone), Reinvestment Zone Number Two, City of Houston, Texas (Midtown Zone), Reinvestment Zone Number Three, City of Houston, Texas (Main Street/Market Square Zone), Reinvestment Zone Number Six, City of Houston, Texas (Eastside Zone), Reinvestment Zone Number Seven, City of Houston, Texas (Old Spanish Trail/Almeda Corridors Zone), Reinvestment Zone Number Eight, City of Houston, Texas (Gulfgate Zone), Reinvestment Zone Number Nine, City of Houston, Texas (South Post Oak Zone), Reinvestment Zone Number Ten, City of Houston Texas (Lake Houston Zone), Reinvestment Zone Number Eleven, City of Houston, Texas (Greater Greenspoint Zone), Reinvestment Zone Number Twelve, City of Houston, Texas (City Park Zone), Reinvestment Zone Number Thirteen, City of Houston, Texas (Old Sixth Ward Zone), Reinvestment Zone Number Fourteen, City of Houston, Texas (Fourth Ward Zone), Reinvestment Zone Number Fifteen, City of Houston, Texas (East Downtown Zone), Reinvestment Zone Number Sixteen, City of Houston, Texas (Uptown Zone), and Reinvestment Zone Number Eighteen, City of Houston, Texas (Fifth Ward Zone), for affordable housing, administrative expenses, payments to **HOUSTON INDEPENDENT SCHOOL DISTRICT** and **HUMBLE INDEPENDENT SCHOOL DISTRICT** for Educational Facilities, and payments to certain redevelopment authorities as provided herein

### **Background:**

#### **SUBJECT:**

Ordinance appropriating \$67,493,750.20 in tax increment revenue payments made by Houston Independent School District ("HISD"), Spring ISD, Humble ISD, and Aldine ISD; and authorizing the transfer of tax increment revenues to various funds and to the redevelopment authorities on behalf of the Tax Increment Reinvestment Zones ("TIRZ") pursuant to the City's interlocal agreements with HISD, Spring ISD, Humble ISD, and Aldine ISD.

#### **RECOMMENDATION:**

City Council approve an ordinance appropriating \$67,493,750.20 in tax increment revenue payments made by HISD, Spring ISD, Humble ISD, and Aldine ISD; and authorizing the transfer of tax increment revenues to various TIRZ funds pursuant to the City's Interlocal Agreements with HISD, Spring ISD, Humble ISD, and Aldine ISD and the TIRZs.

#### **SPECIFIC EXPLANATION:**

As shown in the attached spreadsheet, \$1,164,036.59 will be transferred to the City's Affordable

Housing Fund; \$375,000 will be transferred to the General Fund; \$20,021,312.92 will be paid to HISD for Educational Facilities Project Costs and \$11,835,919.75 will be paid to Humble ISD for Educational Facilities Project Costs for a total of \$31,857,232.67 for Educational Facilities Project Costs. The various redevelopment authorities will be paid \$34,097,480.94 on behalf of the TIRZs.

All tri-party agreements and creation documents can be found on the following website:  
<http://www.houstontx.gov/ecodev/>

---

**Andrew F. Icken, Chief Development Officer**

**Prior Council Action:**

Ordinance 2018 - 475, 6/13/2018

**Contact Information:**

Gwendolyn F. Tillotson

**Phone:** (832) 393-0937

**ATTACHMENTS:**

**Description**

Coversheet finalized

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date:

MYR - TIRZ Appropriating \$67,493,750.20

Agenda Item#:

### **Background:**

#### **SUBJECT:**

Ordinance appropriating \$67,493,750.20 in tax increment revenue payments made by Houston Independent School District ("HISD"), Spring ISD, Humble ISD, and Aldine ISD; and authorizing the transfer of tax increment revenues to various funds and to the redevelopment authorities on behalf of the Tax Increment Reinvestment Zones ("TIRZ") pursuant to the City's interlocal agreements with HISD, Spring ISD, Humble ISD, and Aldine ISD.

#### **RECOMMENDATION:**

City Council approve an ordinance appropriating \$67,493,750.20 in tax increment revenue payments made by HISD, Spring ISD, Humble ISD, and Aldine ISD; and authorizing the transfer of tax increment revenues to various TIRZ funds pursuant to the City's Interlocal Agreements with HISD, Spring ISD, Humble ISD, and Aldine ISD and the TIRZs.

#### **SPECIFIC EXPLANATION:**

As shown in the attached spreadsheet, \$1,164,036.59 will be transferred to the City's Affordable Housing Fund; \$375,000 will be transferred to the General Fund; \$20,021,312.92 will be paid to HISD for Educational Facilities Project Costs and \$11,835,919.75 will be paid to Humble ISD for Educational Facilities Project Costs for a total of \$31,857,232.67 for Educational Facilities Project Costs. The various redevelopment authorities will be paid \$34,097,480.94 on behalf of the TIRZs.

All tri-party agreements and creation documents can be found on the following website:  
<http://www.houstontx.gov/ecodev/>

DocuSigned by:

A handwritten signature in black ink, appearing to read "A. Icken", is written over a blue horizontal line.

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**Andrew F. Icken, Chief Development Officer**

### **Prior Council Action:**

Ordinance 2018 - 475, 6/13/2018

### **Amount of Funding:**

No funding required

### **Contact Information:**

Gwendolyn F. Tillotson

Phone: (832) 393-0937



## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

ALL

Item Creation Date:

MYR - TIRZ Appropriating \$142,610,736.84

Agenda Item#: 17.

### **Summary:**

O2019-471 ORDINANCE appropriating \$142,610,736.84 out of City of Houston, Texas Tax Increment Funds for Reinvestment Zone Numbers One (Lamar Terrace Zone), Two (Midtown Zone), Three (Main Street/Market Square Zone), Five (Memorial Heights Zone), Six (Eastside Zone), Seven (Old Spanish Trail/Almeda Corridors Zone), Eight (Gulfgate Zone), Nine (South Post Oak Zone), Ten (Lake Houston Zone), Eleven (Greater Greenspoint Zone), Twelve (City Park Zone), Thirteen (Old Sixth Ward Zone), Fourteen (Fourth Ward Zone), Fifteen (East Downtown Zone), Sixteen (Uptown Zone), Seventeen (Memorial City Zone), Eighteen (Fifth Ward Zone), Nineteen (Upper Kirby Zone), Twenty (Southwest Houston Zone), Twenty-One (Hardy/Near Northside Zone), Twenty-Two (Leland Woods Zone), Twenty-Three (Harrisburg Zone), Twenty-Four (Greater Houston Zone), Twenty-Five (Hiram Clarke/Fort Bend Zone), Twenty-Six (Sunnyside Zone), and Twenty-Seven (Montrose Zone) for payment of Affordable Housing Costs, payment of Administrative Expenses, payment of Project Costs, payment to Houston Housing Finance Corporation, and payments to certain redevelopment authorities as provided herein

### **Background:**

**SUBJECT:** Ordinance appropriating \$142,610,736.84 in tax increment revenues received by the City and authorizing the transfer of tax increment revenues to various funds and to the redevelopment authorities on behalf of the Tax Increment Reinvestment Zones ("TIRZ") pursuant to their Tri-Party agreements.

### **RECOMMENDATION: (Summary)**

City Council approve an ordinance appropriating \$142,610,736.84 in tax increment revenues received by the City and authorizing the transfer of tax increment revenues to various funds and to the redevelopment authorities on behalf of the TIRZ pursuant to their Tri-Party Agreements.

### **SPECIFIC EXPLANATION:**

The appropriation of \$142,610,736.84 results from tax increment revenues received in tax year 2018 by the City for various TIRZs. As set forth in the attached spreadsheet, \$2,170,135.37 will be transferred to the City's Affordable Housing Fund pursuant to the City's Tri-Party Agreements with the TIRZs and their redevelopment authorities; \$7,442,574.57 will be transferred to the General Fund for TIRZ administrative costs; and \$132,998,026.90 will be paid to the various redevelopment authorities on behalf of the TIRZ or retained in the TIRZ Fund for approved project costs.

All tri-party agreements and creation documents can be found on the following website:

<http://www.houstontx.gov/ecodev/>

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Andrew F. Icken, Chief Development Officer

**Prior Council Action:**

Ordinance 2018 – 476, 6/13/18

**Contact Information:**

Gwendolyn F. Tillotson

**Phone:** (832) 393-0937

**ATTACHMENTS:**

**Description**

Coversheet (revised)

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date:

MYR - TIRZ Appropriating \$142,610,736.84

Agenda Item#:

### **Background:**

**SUBJECT:** Ordinance appropriating \$142,610,736.84 in tax increment revenues received by the City and authorizing the transfer of tax increment revenues to various funds and to the redevelopment authorities on behalf of the Tax Increment Reinvestment Zones ("TIRZ") pursuant to their Tri-Party agreements.

### **RECOMMENDATION: (Summary)**

City Council approve an ordinance appropriating \$142,610,736.84 in tax increment revenues received by the City and authorizing the transfer of tax increment revenues to various funds and to the redevelopment authorities on behalf of the TIRZ pursuant to their Tri-Party Agreements.

### **SPECIFIC EXPLANATION:**

The appropriation of \$142,610,736.84 results from tax increment revenues received in tax year 2018 by the City for various TIRZs. As set forth in the attached spreadsheet, \$2,170,135.37 will be transferred to the City's Affordable Housing Fund pursuant to the City's Tri-Party Agreements with the TIRZs and their redevelopment authorities; \$7,442,574.57 will be transferred to the General Fund for TIRZ administrative costs; and \$132,998,026.90 will be paid to the various redevelopment authorities on behalf of the TIRZ or retained in the TIRZ Fund for approved project costs.

All tri-party agreements and creation documents can be found on the following website: <http://www.houstontx.gov/ecodev/>

DocuSigned by:

A handwritten signature in black ink, appearing to read "A. Ticken", is written over a horizontal line.

81F85D6DFA942B

Andrew F. Ticken, Chief Development Officer

### **Prior Council Action:**

Ordinance 2018 – 476, 6/13/18

### **Amount of Funding:**

No funding required

### **Contact Information:**

Gwendolyn F. Tillotson

**Phone:** (832) 393-0937

### **ATTACHMENTS:**

Description	Type
Appropriation BKUP	Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 5/9/2019

### HHD UT Health Science Center 2nd Amend - Behavioral Surveillance Agreement

Agenda Item#: 18.

#### **Summary:**

**02019-458** ORDINANCE approving and authorizing second amendment to contract between the City and **THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER at HOUSTON** for Behavioral Surveillance Services

#### **Background:**

The Houston Health Department (HHD) requests City Council approval and authorization a Second Amendment to the contract between the City and The University of Texas Health Science Center at Houston. The Second Amendment amends Exhibit "A-1" - Scope of Services and Budget Amount to reduce the budgeted amount appearing in the First Amendment Exhibit "A-1" - Scope of Services and Budget Amount. The Second Amendment budget amount is \$287,611.00, which is a decrease of \$47,963.00 from the First Amendment budget of \$335,574.00.

The purpose of this contract is to monitor trends in HIV epidemic and to estimate the number of persons diagnosed with HIV infection. This information provides data needed to determine populations and areas in which to focus prevention activities. The behavioral surveillance service is a qualitative study in which participants are recruited from three risk populations: 1) men who have sex with men (MSM); 2) injection drug users (IDU); and 3) high risk heterosexuals (HRH). Data is collected using a questionnaire developed by the Centers for Disease Control and Prevention (CDC).

Data from the survey will be used for: (1). identifying specific sexual and drug-use behaviors known to be associated with HIV/STD infection; (2) conducting formative research to describe the demographic, social and behavioral characteristics of questionnaire respondents; (3) estimating the prevalence and trends to HIV testing behaviors and exposure to and utilization of HIV/STD prevention services funded by CDC, state and local health departments; and (4) characterizing prevention service gaps and missed opportunities for prevention.

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Stephen L. Williams, M.Ed., M.P.A.  
Director, Houston Health Department

**Fiscal Note:**

No fiscal note is required for grant items.

**Prior Council Action:**

6-15-2016; 2016-0459

12-11-2018; 2018-0986

**Amount of Funding:**

None

**Contact Information:**

Porfirio Villarreal

Telephone: 832-393-5041

Cell: 713-826-5695

**ATTACHMENTS:****Description**

Signed coversheet

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/11/2019

ALL

Item Creation Date: 5/9/2019

HHD UT Health Science Center 2nd Amend - Behavioral Surveillance Agreement

Agenda Item#: 46.

### **Summary:**

AN ORDINANCE APPROVING AND AUTHORIZING A SECOND AMENDMENT TO THE CONTRACT BETWEEN THE CITY AND THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON FOR BEHAVIORAL SURVEILLANCE SERVICES; CONTAINING PROVISIONS RELATING TO THE SUBJECT; AND DECLARING AN EMERGENCY.

### **Background:**

The Houston Health Department (HHD) requests City Council approval and authorization a Second Amendment to the contract between the City and The University of Texas Health Science Center at Houston. The Second Amendment amends Exhibit "A-1" - Scope of Services and Budget Amount to reduce the budgeted amount appearing in the First Amendment Exhibit "A-1" - Scope of Services and Budget Amount. The Second Amendment budget amount is \$287,611.00, which is a decrease of \$47,963.00 from the First Amendment budget of \$335,574.00.

The purpose of this contract is to monitor trends in HIV epidemic and to estimate the number of persons diagnosed with HIV infection. This information provides data needed to determine populations and areas in which to focus prevention activities. The behavioral surveillance service is a qualitative study in which participants are recruited from three risk populations: 1) men who have sex with men (MSM); 2) injection drug users (IDU); and 3) high risk heterosexuals (HRH). Data is collected using a questionnaire developed by the Centers for Disease Control and Prevention (CDC).

Data from the survey will be used for: (1). identifying specific sexual and drug-use behaviors known to be associated with HIV/STD infection; (2) conducting formative research to describe the demographic, social and behavioral characteristics of questionnaire respondents; (3) estimating the prevalence and trends to HIV testing behaviors and exposure to and utilization of HIV/STD prevention services funded by CDC, state and local health departments; and (4) characterizing prevention service gaps and missed opportunities for prevention.

DocuSigned by:

*Stephen Williams*

Stephen L. Williams, M.Ed., M.P.A.  
Director, Houston Health Department

### **Fiscal Note:**

No fiscal note is required for grant items.

### **Prior Council Action:**

6-15-2016; 201-0459

12-11-18; 2018-0986

### **Amount of Funding:**

None

### **Contact Information:**

Porfirio Villarreal

Telephone: 832-393-5041

Cell: 713-826-5695

### **ATTACHMENTS:**

#### **Description**

HHD\_UTHSC SECOND AMENDMENT SIGNED AGREEMENT

#### **Type**

Contract/Exhibit



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 5/24/2019

### ARA-HITS Property, Radio Equipment and Tower Insurance

Agenda Item#: 19.

#### **Summary:**

**02019-472 ORDINANCE** accepting the proposal from **TEXAS MUNICIPAL LEAGUE INTERGOVERNMENTAL RISK POOL**; approving and authorizing the purchase of Property, Radio Equipment and Tower Insurance - \$361,312.00 - Property & Casualty Fund

#### **Background:**

The Administration & Regulatory Affairs Department recommends that City Council approve the one-year Property, Radio Equipment and Tower Insurance policy proposed by Texas Municipal League Intergovernmental Risk Pool (TML) for a premium of \$361,312.00, effective July 1, 2019.

This insurance covers the city-wide public safety radio communication system used by the Houston Police Department, Houston Fire Department, Houston Public Works and other City departments. The communication system consists of radio and network equipment installed at approximately 55 locations (self-contained prefabricated buildings or existing buildings) and 26 towers across the City and surrounding areas. The total value of the communication equipment, towers and prefabricated buildings is \$91,548,298.

A Request for Proposals for Property, Radio Equipment and Tower Insurance was issued and advertised on April 12, 2019 and April 19, 2019, for a one-year policy, effective July 1, 2019. The City's Insurance Broker of Record, McGriff, Seibels & Williams (McGriff) solicited proposals from 44 insurance carriers and TML. The proposed TML policy meets minimum proposal specifications; the proposed premium is \$357,795.00. A proposal for a layered program structure and higher premium of \$538,245.65 was proposed by the following participating carriers: Everest Indemnity Insurance Company, Evanston Insurance Company, Great Lakes Insurance SE, Arch Specialty Insurance Company, Great American Insurance and Continental Casualty Company.

The recommended funding of \$361,312.00 for the proposed TML policy includes premium of \$357,795.00 for the policy term and \$3,517.00 as contingent premium for coverage of any city-wide public safety radio communication system property added during the policy year.

The terms of the proposed policy are:

Policy Term: July 1, 2019 to July 1, 2020

Insurance Carrier: Texas Municipal League Intergovernmental Risk Pool

Total Premium: \$361,312.00 (\$357,795.00 Premium + \$3,517.00 Contingency Premium)

Insured Limit: \$91,548,298 (Replacement Cost Basis)

Flood Sublimit: \$5,000,000 Annual Aggregate

Type of Coverage: All Risk Coverage (including Flood, Windstorm/Hail and Earthquake for communication equipment, towers and self-contained prefabricated buildings used to house the equipment).

Deductibles: \$50,000 per occurrence for all other perils, except:

a) \$100,000 per occurrence for flood / earthquake

b) Named Storm / Windstorm / Hail - 1% of scheduled values, applied separately to buildings and contents; subject to a \$1,000 minimum

c) Named Storm Tidal Flooding (Storm Surge) - 2% of scheduled values, applied separately to buildings and contents; subject to a \$1,000 minimum

**Fiscal Note:**

Funding for this item is included in the FY20 Proposed Budget. Therefore, no Fiscal Note is required as stated in the Financial Policies.

**Departmental Approval Authority:**

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**Tina Paez, Director  
Administration & Regulatory  
Affairs Department**

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**Other Authorization**

**Prior Council Action:**

**Amount of Funding:**

\$357,795.00 Policy Premium

\$ 3,517.00 Contingency Premium

\$361,312.00 Total Proposed Premium

Property / Casualty Fund 1004

**Contact Information:**

Lara Cottingham Phone: (832) 393-8503

Tina Paquet Phone: (832) 393-8792

**ATTACHMENTS:**

**Description**

Coversheet (revised)

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 5/24/2019

ARA-HITS Property, Radio Equipment and Tower Insurance

Agenda Item#: 16.

### **Summary:**

#### **NOT A REAL CAPTION**

ORDINANCE accepting the proposal from **TEXAS MUNICIPAL LEAGUE INTERGOVERNMENTAL RISK POOL**; approving and authorizing Purchase of Radio Equipment and Tower Insurance - \$361,312.00 - Property & Casualty Fund

### **Background:**

The Administration & Regulatory Affairs Department recommends that City Council approve the one-year Property, Radio Equipment and Tower Insurance policy proposed by Texas Municipal League Intergovernmental Risk Pool (TML) for a premium of \$361,312.00, effective July 1, 2019.

This insurance covers the city-wide public safety radio communication system used by the Houston Police Department, Houston Fire Department, Houston Public Works and other City departments. The communication system consists of radio and network equipment installed at approximately 55 locations (self-contained prefabricated buildings or existing buildings) and 26 towers across the City and surrounding areas. The total value of the communication equipment, towers and prefabricated buildings is \$91,548,298.

A Request for Proposals for Property, Radio Equipment and Tower Insurance was issued and advertised on April 12, 2019 and April 19, 2019, for a one-year policy, effective July 1, 2019. The City's Insurance Broker of Record, McGriff, Seibels & Williams (McGriff) solicited proposals from 44 insurance carriers and TML. The proposed TML policy meets minimum proposal specifications; the proposed premium is \$357,795.00. A proposal for a layered program structure and higher premium of \$538,245.65 was proposed by the following participating carriers: Everest Indemnity Insurance Company, Evanston Insurance Company, Great Lakes Insurance SE, Arch Specialty Insurance Company, Great American Insurance and Continental Casualty Company.

The recommended funding of \$361,312.00 for the proposed TML policy includes premium of \$357,795.00 for the policy term and \$3,517.00 as contingent premium for coverage of any city-wide public safety radio communication system property added during the policy year.

The terms of the proposed policy are:

Policy Term: July 1, 2019 to July 1, 2020

Insurance Carrier: Texas Municipal League Intergovernmental Risk Pool

Total Premium: \$361,312.00 (\$357,795.00 Premium + \$3,517.00 Contingency Premium)

Insured Limit: \$91,548,298 (Replacement Cost Basis)

Flood Sublimit: \$5,000,000 Annual Aggregate

Type of Coverage: All Risk Coverage (including Flood, Windstorm/Hail and Earthquake for communication equipment, towers and self-contained prefabricated buildings used to house the equipment).

Deductibles: \$50,000 per occurrence for all other perils, except:

- a) \$100,000 per occurrence for flood / earthquake
- b) Named Storm / Windstorm / Hail - 1% of scheduled values, applied separately to buildings and contents; subject to a \$1,000 minimum
- c) Named Storm Tidal Flooding (Storm Surge) - 2% of scheduled values, applied separately to buildings and contents; subject to a \$1,000 minimum

### **Fiscal Note:**

Funding for this item is included in the FY20 Proposed Budget. Therefore, no Fiscal Note is required as stated in the Financial Policies.

### **Departmental Approval Authority:**

DocuSigned by:

*Tina Paez*

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**Tina Paez, Director  
Administration & Regulatory  
Affairs Department**

**Other Authorization**

**Prior Council Action:**

**Amount of Funding:**

\$357,795.00 Policy Premium  
\$ 3,517.00 Contingency Premium  
\$361,312.00 Total Proposed Premium

Property / Casualty Fund 1004

**Contact Information:**

Lara Cottingham      Phone: (832) 393-8503  
Tina Paquet          Phone: (832) 393-8792

**ATTACHMENTS:**

Description	Type
5.24.2019 HITS Property, Radio Equipment and Tower Insurance RCA.pdf	Signed Cover sheet
HITS SignOff	Backup Material
Funding Information and Verification	Financial Information



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

Item Creation Date: 3/8/2019

HPD - FY18 Justice Reinvestment Initiative

Agenda Item#: 20.

### **Summary:**

**O2019-459** ORDINANCE approving and authorizing submission of an application for and acceptance of the **U.S. DEPARTMENT OF JUSTICE FY2018 JUSTICE REINVESTMENT INITIATIVE PROGRAM GRANT**; declaring the City's eligibility for such grant; authorizing the Police Chief of the City of Houston Police Department to act as the City's representative to accept such grant funds, and to apply for and accept all subsequent awards, if any, pertaining to the Program - \$1,250,000.00 - Grant Fund

### **Background:**

The Houston Police Department (HPD) recommends that City Council approve an ordinance authorizing the application for and acceptance of grant funds through the U.S Department of Justice (USDJ) for the FY18 Justice Reinvestment Initiative. HPD applied for \$1,250,000 in grant funds, and the City is not obligated to make a cash match or in-kind contribution. Once awarded, the project period will be for 24 months.

HPD will use the grant funds to develop a cloud-based data warehouse to assist in analysis of gang statistics. HPD will share this information with its partner law enforcement agencies housed within the Texas Anti-Gang Center, as well as to guide prevention and intervention efforts with the Mayor's Anti-Gang Office. USDJ will provide associated costs for personnel overtime, software and hardware procurements, and transportation.

The Houston Police Department also requests City Council to authorize the Chief of Police or his designee to act as the City's representative in the application process with the authority to apply for, accept and expend the grant funds as awarded, and apply for, accept and expend all subsequent awards, if any, to extend the budget period, and to authorize the Mayor to execute all related agreements with the approval of the City Attorney in connection with the grant not to exceed five years.

### **Fiscal Note:**

No Fiscal Note is required on grant items.

---

Art Acevedo  
Chief of Police

**Amount of Funding:**

\$1,250,000.00

Federal - Grant Fund

Fund 5000

**Contact Information:**

Rhonda Smith, Deputy Director/CFO (713) 308-1708

Clifton Journet III, Police Administrator (713) 308-1779

**ATTACHMENTS:****Description**

RCA

**Type**

Signed Cover sheet



**CITY OF HOUSTON - CITY COUNCIL**  
Meeting Date: 6/18/2019

Item Creation Date: 3/8/2019

HPD - FY18 Justice Reinvestment Initiative

Agenda Item#: 12.

**Summary:**

**NOT A REAL CAPTION**

ORDINANCE authorizing the Houston Police Department to apply, accept and expend grant funds through the U.S Department of Justice for the FY 2018 Justice Reinvestment Initiative Program

**Background:**

The Houston Police Department (HPD) recommends that City Council approve an ordinance authorizing the application for and acceptance of grant funds through the U.S Department of Justice (USDOJ) for the FY18 Justice Reinvestment Initiative. HPD applied for \$1,250,000 in grant funds, and the City is not obligated to make a cash match or in-kind contribution. Once awarded, the project period will be for 24 months.

HPD will use the grant funds to develop a cloud-based data warehouse to assist in analysis of gang statistics. HPD will share this information with its partner law enforcement agencies housed within the Texas Anti-Gang Center, as well as to guide prevention and intervention efforts with the Mayor's Anti-Gang Office. USDOJ will provide associated costs for personnel overtime, software and hardware procurements, and transportation.

The Houston Police Department also requests City Council to authorize the Chief of Police or his designee to act as the City's representative in the application process with the authority to apply for, accept and expend the grant funds as awarded, and apply for, accept and expend all subsequent awards, if any, to extend the budget period, and to authorize the Mayor to execute all related agreements with the approval of the City Attorney in connection with the grant not to exceed five years.

**Fiscal Note:**

No Fiscal Note is required on grant items.

Art Acevedo  
Chief of Police

**Amount of Funding:**

\$1,250,000.00  
Federal - Grant Fund  
Fund 5000

**Contact Information:**

Rhonda Smith, Deputy Director/CFO (713) 308-1708  
Clifton Journet III, Police Administrator (713) 308-1779

**ATTACHMENTS:**

Description	Type
FY 18 Justice Reinvestment Initiative Application	Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

Item Creation Date:

HPD - Interlocal Agreement with Katy ISD Police  
Department - ICAC

Agenda Item#: 21.

### **Summary:**

**O2019-460** ORDINANCE approving and authorizing an Interlocal Agreement between the City of Houston and **KATY INDEPENDENT SCHOOL DISTRICT** for the Internet Crimes Against Children Task Force Program - \$136,200.52 - Grant Funds

### **Background:**

The Houston Police Department (HPD) recommends that City Council approve an Interlocal Agreement between the City of Houston and Katy Independent School District Police Department. The City of Houston, through HPD, applied for and received the Internet Crimes Against Children Task Force - Houston Metropolitan Area Grant from the Office of the Governor's Criminal Justice Division (Ordinance No. 2019-0026, January 16, 2019). This grant allows HPD to continue to reduce the exploitation of children by expanding the number of affiliate law enforcement agencies and personnel dedicated to investigating and prosecuting Internet-related crimes against children. The grant period is for 18-months ending August 31, 2020.

The target geographical area of the grant program is the Houston Metropolitan Area, which includes incorporated as well as unincorporated areas of Harris County, Texas; and all areas of Brazoria, Chambers, Fort Bend, Galveston, Liberty, Montgomery and Waller Counties. As the lead agency, HPD is entering into an Interlocal Agreement with Katy ISD Police Department which will complete the special condition requirement of the grant for this year's funding. Pursuant to the Interlocal Agreement, the City of Houston will use \$136,200.52 in grant funds to reimburse Katy Independent School District Police Department for salaries and benefits of its investigator/detective participating in the Internet Crimes Against Children Task Force.

### **Fiscal Note:**

No Fiscal Note is required on grant items.

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Art Acevedo  
Chief of Police

**Prior Council Action:**

Ordinance No. 2019-0026, January 16, 2019

**Amount of Funding:**

\$136,200.52

State Grant Fund

Fund 5010

**Contact Information:**

Rhonda Smith, CFO and Deputy Director (713) 308-1770

Clifton Journet III, Police Administrator (713) 308-1779

**ATTACHMENTS:****Description**

RCA

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

Item Creation Date:

HPD - Interlocal Agreement with Katy ISD Police Department - ICAC

Agenda Item#: 13.

### **Background:**

The Houston Police Department (HPD) recommends that City Council approve an Interlocal Agreement between the City of Houston and Katy Independent School District Police Department. The City of Houston, through HPD, applied for and received the Internet Crimes Against Children Task Force - Houston Metropolitan Area Grant from the Office of the Governor's Criminal Justice Division (Ordinance No. 2019-0026, January 16, 2019). This grant allows HPD to continue to reduce the exploitation of children by expanding the number of affiliate law enforcement agencies and personnel dedicated to investigating and prosecuting Internet-related crimes against children. The grant period is for 18-months ending August 31, 2020.

The target geographical area of the grant program is the Houston Metropolitan Area, which includes incorporated as well as unincorporated areas of Harris County, Texas; and all areas of Brazoria, Chambers, Fort Bend, Galveston, Liberty, Montgomery and Waller Counties. As the lead agency, HPD is entering into an Interlocal Agreement with Katy ISD Police Department which will complete the special condition requirement of the grant for this year's funding. Pursuant to the Interlocal Agreement, the City of Houston will use \$136,200.52 in grant funds to reimburse Katy Independent School District Police Department for salaries and benefits of its investigator/detective participating in the Internet Crimes Against Children Task Force.

### **Fiscal Note:**

No Fiscal Note is required on grant items.

A handwritten signature in black ink, appearing to read "Art Acevedo", written over a horizontal line.

Art Acevedo  
Chief of Police

### **Prior Council Action:**

(O) 2019-0026

### **Amount of Funding:**

\$136,200.52 State Grant Fund (Fund 5010)

### **Contact Information:**

Rhonda Smith, CFO and Deputy Director (713) 308-1770  
Clifton Journet III, Police Administrator (713) 308-1779



## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

District F

Item Creation Date: 5/23/2019

25CONS378 - Appropriate funds to the In-House  
Renovation Revolving Fund - HPD Westside Substation

Agenda Item#: 22.

### **Summary:**

**02019-473** ORDINANCE appropriating \$70,000.00 out of Police Consolidated Construction Fund to the In-House Renovation Revolving Fund for Houston Police Department Westside Substation Repairs - **DISTRICT F - LE**

### **Background:**

**RECOMMENDATION:** Appropriate funds for the project.

**SPECIFIC EXPLANATION:** The General Services Department (GSD) recommends that City Council appropriate \$70,000.00 out of the Police Consolidated Construction Fund to the In-House Renovation Revolving Fund for construction services in connection with the Houston Police Department (HPD) Westside Substation. The building was damaged when a civilian drove his vehicle through the front lobby of the police substation during a police chase. GSD's In-House Renovation Group will perform the work.

**PROJECT LOCATION:** 3203 S. Dairy Ashford, 77077 (Key Map 488Z)

**PROJECT DESCRIPTION AND SCOPE:** The scope of work includes demolition and replacement of the glass storefront assembly, interior service counter millwork, and the ballistic glass and framework; re-installation of electrical and network wiring; and replacement of related damaged equipment.

**CIP FISCAL NOTE:** No significant Fiscal Operating impact is anticipated as a result of this project.

**Capital Project Information:** See the attached Form A for a breakdown of capital costs.

**WBS No:** G-000164-0001-4

**DIRECTOR'S SIGNATURE/DATE:**

---

C. J. Messiah, Jr.  
General Services Department

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Art Acevedo

Chief of Police  
Houston Police Department

**Amount of Funding:**

**\$70,000.00** – Police Consolidated Construction Fund (4504)

**Contact Information:**

Jacquelyn L. Nisby

Council Liaison

**Phone:** 832.393.8023

**ATTACHMENTS:**

**Description**

Signed Coversheet

25CONS378 - Maps

**Type**

Signed Cover sheet

Backup Material

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/11/2019

District F

Item Creation Date: 5/23/2019

25CONS378 - Appropriate funds to the In-House Renovation Revolving Fund - HPD  
Westside Substation

Agenda Item#: 22.

**Background:****RECOMMENDATION:** Appropriate funds for the project.

**SPECIFIC EXPLANATION:** The General Services Department (GSD) recommends that City Council appropriate \$70,000.00 out of the Police Consolidated Construction Fund to the In-House Renovation Revolving Fund for construction services in connection with the Houston Police Department (HPD) Westside Substation. The building was damaged when a civilian drove his vehicle through the front lobby of the police substation during a police chase. GSD's In-House Renovation Group will perform the work.

**PROJECT LOCATION:** 3203 S. Dairy Ashford, 77077 (Key Map 488Z)

**PROJECT DESCRIPTION AND SCOPE:** The scope of work includes demolition and replacement of the glass storefront assembly, interior service counter millwork, and the ballistic glass and framework; re-installation of electrical and network wiring; and replacement of related damaged equipment.

**CIP FISCAL NOTE:** No significant Fiscal Operating impact is anticipated as a result of this project.

**Capital Project Information:** See the attached Form A for a breakdown of capital costs.

**WBS No:** G-000164-0001-4

**DIRECTOR'S SIGNATURE/DATE:**

DocuSigned by:

C. J. Messiah, Jr.

5/29/2019

1E1744B77D5041F...  
C. J. Messiah, Jr.  
General Services Department

\_\_\_\_\_  
Art Acevedo  
Chief of Police  
Houston Police Department

**Amount of Funding:**

**\$70,000.00** – Police Consolidated Construction Fund (4504)

**Contact Information:**

Jacquelyn L. Nisby  
Council Liaison  
Phone: 832.393.8023

DS  
JLN

**ATTACHMENTS:****Description**

25CONS378 - Maps

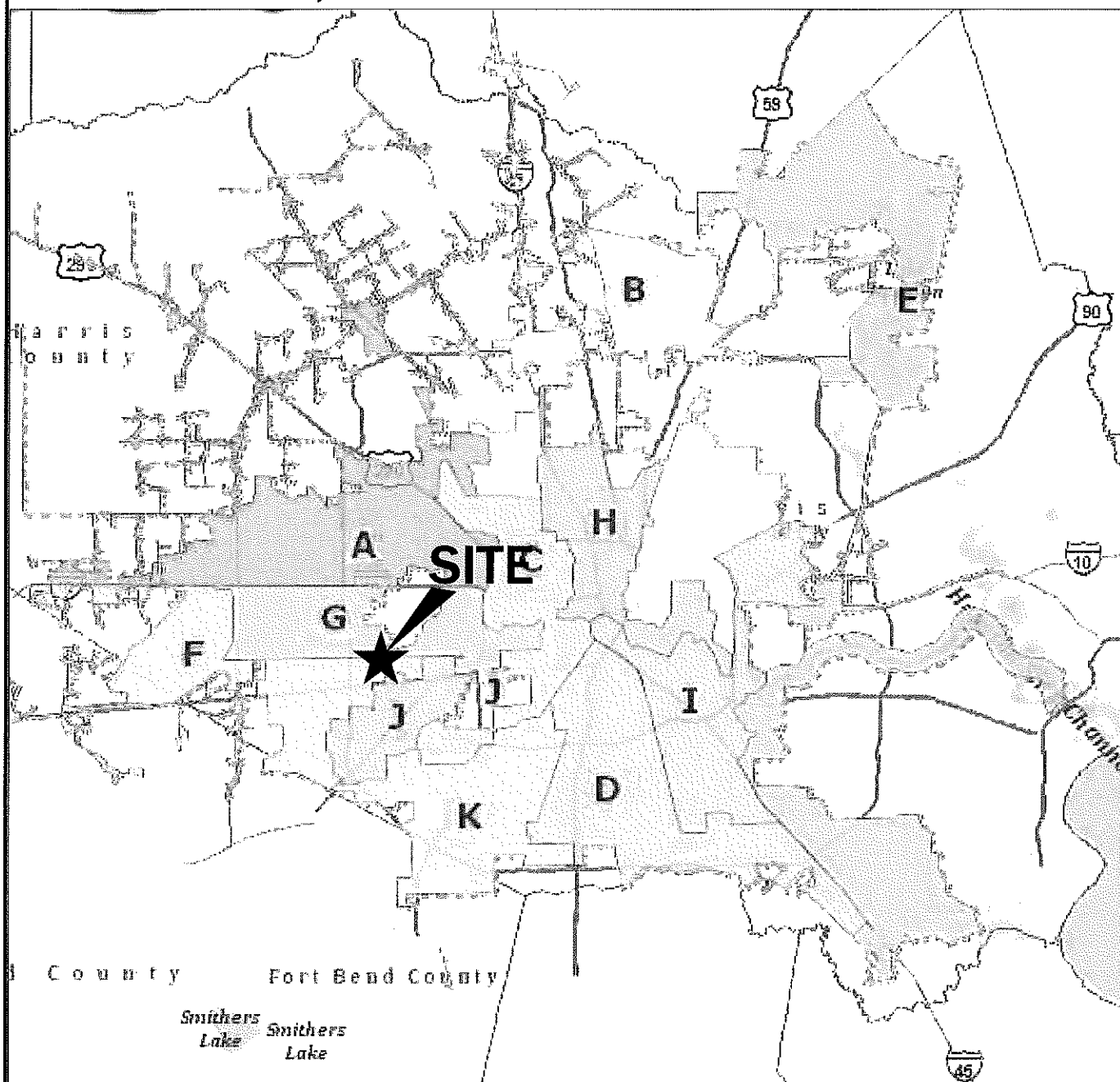
25CONS378 -CIP Form A

**Type**

Backup Material

Backup Material

**CITY OF HOUSTON  
HARRIS COUNTY, TEXAS**



**HPD WESTSIDE COMMAND LOBBY DAMAGE REPAIR  
3203 S. DAIRY ASHFORD RD. HOUSTON, TX 77077**

**COUNCIL DISTRICT "F"**

**KEYMAP No. 488Z**





## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

District H

Item Creation Date: 5/28/2019

25PARK339 – Award Construction Contract – Millis  
Development and Construction, LLC - Squatty Lyons Park

Agenda Item#: 23.

### **Summary:**

**TAGGED CM Cisneros** ORDINANCE appropriating \$85,000 out of Parks Special Fund; \$20,057 out of Parks & Recreation Dedication Fund; \$1,847,000 out of Parks Consolidated Construction Fund; awarding construction contract to **MILLIS DEVELOPMENT & CONSTRUCTION, LLC** for Squatty Lyons Park; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for contingencies, Civic Art Program, and engineering and materials testing services relating to construction of facilities financed by the Parks Special Fund, Parks & Recreation Dedication Fund and Parks Consolidated Construction Fund - **DISTRICT H - CISNEROS**

### **Background:**

**RECOMMENDATION:** Award construction contract and appropriate funds for the project.

**SPECIFIC EXPLANATION:** The General Services Department (GSD) recommends that City Council award a construction contract to Millis Development and Construction, LLC on the proposal amount of \$2,716,212.00 to provide construction services for Squatty Lyons Park for the Houston Parks and Recreation Department.

**PROJECT LOCATION:** 1701 Chamberlain (413 U)

**PROJECT DESCRIPTION:** The scope of work consists of renovating three baseball fields including replacement of fences/backstops, dugouts, field repair and regrading, irrigation and sport lighting for two of the fields. Other amenities for the park include new parking lot; a prefab building for restrooms/storage/concession; new playground; paving; fencing; site amenities; security lighting; and landscaping and irrigation.

The contract duration for this project is 270 calendar days from the date of the Notice to Proceed. Clark Condon Associates, Inc. is the design consultant for this project.

**PROPOSALS:** On December 14 and 21, 2018, GSD advertised a Request for Competitive Sealed Proposals (CSP) for construction services for Squatty Lyons Park. The CSP contained selection criteria that ranked respondents on experience, key personnel, safety and Hire Houston First. The Statements of Qualifications were due on January 10, 2019, and thirteen firms

responded. GSD evaluated the respondents and five of the thirteen firms received sufficient points and were requested to submit proposals. Four firms submitted proposals. Millis Development and Construction, LLC submitted the lowest proposal and offers the best value for the City based on the advertised criteria.

The four proposers are ranked as follows:

#### **PROPOSER**

1. Millis Development and Construction, LLC
2. Jerdon Enterprise, L.P.
3. The Gonzalez Group, LP
4. Times Construction, Inc.

**AWARD:** It is recommended that City Council award the construction contract to Millis Development and Construction, LLC, and appropriate funds for the project, including additional appropriations of \$70,000.69 for engineering and materials testing services under an existing contract with ECS Southwest, LLP; and \$30,033.71 for Civic Art, which represents 1.75% of the construction costs of \$1,716,212, out of the Parks Consolidated Construction Fund.

#### **FUNDING SUMMARY:**

\$2,716,212.00	Construction Contract
\$ 135,810.60	5% Contingency
\$ 30,033.71	Civic Art (1.75% of Fund 4502)
\$ 70,000.69	Engineering and Materials Testing Services
<b>\$2,952,057.00</b>	<b>Total Funding</b>

**M/WBE PARTICIPATION:** An 18% MBE goal and 10% WBE goal have been established for this contract. The contractor has submitted the following certified firms to achieve this goal:

<b><u>FIRM (MBE):</u></b>	<b><u>SCOPE</u></b>	<b><u>AMOUNT</u></b>	<b><u>% OF CONTRACT</u></b>
Guerra Concrete Co.	Concrete	\$156,511.00	5.76%
Texas Concrete Enterprise Ready Mix, Inc.	Concrete	\$102,544.00	3.78%
C & M Construction & Utilities, Co.	Utilities	\$164,408.00	6.05%
E. Diamond Electric, Inc.	Electrical	\$129,271.00	4.76%
		<b>\$552,734.00</b>	<b>20.35%</b>

<b><u>FIRM (WBE):</u></b>	<b><u>SCOPE</u></b>	<b><u>AMOUNT</u></b>	<b><u>% OF</u></b>
<b><u>CONTRACT</u></b>			
Texas Landscape Group, LLC	Landscape	<b>\$300,710.00</b>	<b>11.07%</b>

<b><u>FIRM (SBE):</u></b>	<b><u>SCOPE</u></b>	<b><u>AMOUNT</u></b>	<b><u>% OF</u></b>
<b><u>CONTRACT</u></b>			
Stripes & Stops Company, Inc.	Striping	\$ 6,671.00	0.25%
Wilson Electrical Contractors, Inc.	Lighting	\$23,800.00	0.88%
		<b>\$30,471.00</b>	<b>1.13%</b>

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's "Pay or Play" Ordinance regarding health benefits for employees of City contractors. In this case, the contractor elects to play; providing health benefits to eligible employees in compliance with the City policy.

**HIRE HOUSTON FIRST:** The proposed contract requires compliance with the City's "Hire Houston First" (HHF) Ordinance that promotes economic opportunity for Houston businesses and supports job creation. In this case, Millis Development and Construction, LLC is a local area business company, but they were the successful awardee without application of the HHF preference.

**CIP FISCAL NOTE:** No significant Fiscal Operating impact is anticipated as a result of this project.

**Capital Project Information:** See attached Form A for a breakdown of capital costs.

**WBS No:** F-000705-0001-4

**DIRECTOR'S SIGNATURE/DATE:**

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C. J. Messiah, Jr.  
General Services Department

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Stephen Wright  
Houston Parks and Recreation Department

**Amount of Funding:**

\$ 85,000.00 Parks Special Fund (4012)  
\$ 20,057.00 Parks & Recreation Dedication Fund (4035)  
\$1,847,000.00 Parks Consolidated Construction Fund (4502)  
\$1,000,000.00 State-Grant Funded (5010) - Texas Parks & Wildlife Department  
**\$2,952,057.00 Total Funding**

**Contact Information:**

Jacquelyn L. Nisby  
Council Liaison  
**Phone:** 832-393-8023

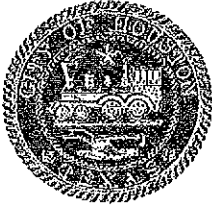
**ATTACHMENTS:**

**Description**

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**Type**

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Backup Material



# CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

District H

Item Creation Date: 5/28/2019

25PARK339 -- Award Construction Contract -- Millis Development and Construction, LLC -  
Squatty Lyons Park

Agenda Item#: 40.

## Summary:

AN ORDINANCE APPROPRIATING THE SUM OF \$85,000 OUT OF THE PARKS SPECIAL FUND; \$20,057 OUT OF PARKS & RECREATION DEDICATION FUND; \$1,847,000 OUT OF PARKS CONSOLIDATED CONSTRUCTION FUND; AWARDING A CONSTRUCTION CONTRACT TO MILLIS DEVELOPMENT & CONSTRUCTION, LLC FOR SQUATTY LYONS PARK; SETTING A DEADLINE FOR THE BIDDER'S EXECUTION OF THE CONTRACT AND DELIVERY OF ALL BONDS, INSURANCE AND OTHER REQUIRED CONTRACT DOCUMENTS TO THE CITY; HOLDING THE BIDDER IN DEFAULT IF IT FAILS TO MEET THE DEADLINES; PROVIDING FUNDING FOR CONTINGENCIES, CIVIC ART PROGRAM, AND ENGINEERING AND MATERIALS TESTING SERVICES RELATING TO CONSTRUCTION OF FACILITIES FINANCED BY THE PARKS SPECIAL FUND, PARKS & RECREATION DEDICATION FUND, PARKS CONSOLIDATED CONSTRUCTION FUND AND STATE GRANT FUNDED - TEXAS PARKS & WILDLIFE DEPARTMENT FUND; CONTAINING PROVISIONS RELATING TO THE SUBJECT AND DECLARING AN EMERGENCY.

## Background:

**RECOMMENDATION:** Award construction contract and appropriate funds for the project.

**SPECIFIC EXPLANATION:** The General Services Department (GSD) recommends that City Council award a construction contract to Millis Development and Construction, LLC on the proposal amount of \$2,716,212.00 to provide construction services for Squatty Lyons Park for the Houston Parks and Recreation Department.

**PROJECT LOCATION:** 1701 Chamberlain (413 U)

**PROJECT DESCRIPTION:** The scope of work consists of renovating three baseball fields including replacement of fences/backstops, dugouts, field repair and regrading, irrigation and sport lighting for two of the fields. Other amenities for the park include new parking lot; a prefab building for restrooms/storage/concession; new playground; paving; fencing; site amenities; security lighting; and landscaping and irrigation.

The contract duration for this project is 270 calendar days from the date of the Notice to Proceed. Clark Condon Associates, Inc. is the design consultant for this project.

**PROPOSALS:** On December 14 and 21, 2018, GSD advertised a Request for Competitive Sealed Proposals (CSP) for construction services for Squatty Lyons Park. The CSP contained selection criteria that ranked respondents on experience, key personnel, safety and Hire Houston First. The Statements of Qualifications were due on January 10, 2019, and thirteen firms responded. GSD evaluated the respondents and five of the thirteen firms received sufficient points and were requested to submit proposals. Four firms submitted proposals. Millis Development and Construction, LLC submitted the lowest proposal and offers the best value for the City based on the advertised criteria.

The four proposers are ranked as follows:

## **PROPOSER**

1. Millis Development and Construction, LLC
2. Jerdon Enterprise, L.P.
3. The Gonzalez Group, LP
4. Times Construction, Inc.

**AWARD:** It is recommended that City Council award the construction contract to Millis Development and Construction, LLC, and appropriate funds for the project, including additional appropriations of \$70,000.69 for engineering and materials testing services under an existing contract with ECS Southwest, LLP; and \$30,033.71 for Civic Art, which represents 1.75% of the construction costs of \$1,716,212, out of the Parks Consolidated Construction Fund.

## **FUNDING SUMMARY:**

\$2,716,212.00	Construction Contract
\$ 135,810.60	5% Contingency
\$ 30,033.71	Civic Art (1.75% of Fund 4502)
<del>\$ 70,000.69</del>	Engineering and Materials Testing Services
<b>\$2,952,057.00</b>	<b>Total Funding</b>

**M/WBE PARTICIPATION:** An 18% MBE goal and 10% WBE goal have been established for this contract. The contractor has submitted the following certified firms to achieve this goal:

<u>FIRM (MBE):</u>	<u>SCOPE</u>	<u>AMOUNT</u>	<u>% OF CONTRACT</u>
Guerra Concrete Co.	Concrete	\$156,511.00	5.76%
Texas Concrete Enterprise Ready Mix, Inc.	Concrete	\$102,544.00	3.78%
C & M Construction & Utilities, Co.	Utilities	\$164,408.00	6.05%
E. Diamond Electric, Inc.	Electrical	\$129,271.00	4.76%
		<b>\$552,734.00</b>	<b>20.35%</b>

<u>FIRM (WBE):</u>	<u>SCOPE</u>	<u>AMOUNT</u>	<u>% OF CONTRACT</u>
Texas Landscape Group, LLC	Landscape	\$300,710.00	11.07%

<u>FIRM (SBE):</u>	<u>SCOPE</u>	<u>AMOUNT</u>	<u>% OF CONTRACT</u>
Stripes & Stops Company, Inc.	Striping	\$ 6,671.00	0.25%
Wilson Electrical Contractors, Inc.	Lighting	\$23,800.00	0.88%
		<b>\$30,471.00</b>	<b>1.13%</b>

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's "Pay or Play" Ordinance regarding health benefits for employees of City contractors. In this case, the contractor elects to play; providing health benefits to eligible employees in compliance with the City policy.

**HIRE HOUSTON FIRST:** The proposed contract requires compliance with the City's "Hire Houston First" (HHF) Ordinance that promotes economic opportunity for Houston businesses and supports job creation. In this case, Millis Development and Construction, LLC is a local area business company, but they were the successful awardee without application of the HHF preference.

**CIP FISCAL NOTE:** No significant Fiscal Operating impact is anticipated as a result of this project.

**Capital Project Information:** See attached Form A for a breakdown of capital costs.

**WBS No:** F-000705-0001-4

**DIRECTOR'S SIGNATURE/DATE:**

DocuSigned by:

*Richard Vella*

6/4/2019

C. J. Messiah, Jr.  
General Services Department

Stephen Wright  
Houston Parks and Recreation Department

**Amount of Funding:**

\$ 85,000.00 Parks Special Fund (4012)  
\$ 20,057.00 Parks & Recreation Dedication Fund (4035)  
\$1,847,000.00 Parks Consolidated Construction Fund (4502)  
\$1,000,000.00 State-Grant Funded (5010) - Texas Parks & Wildlife Department  
**\$2,952,057.00 Total Funding**

**Contact Information:**

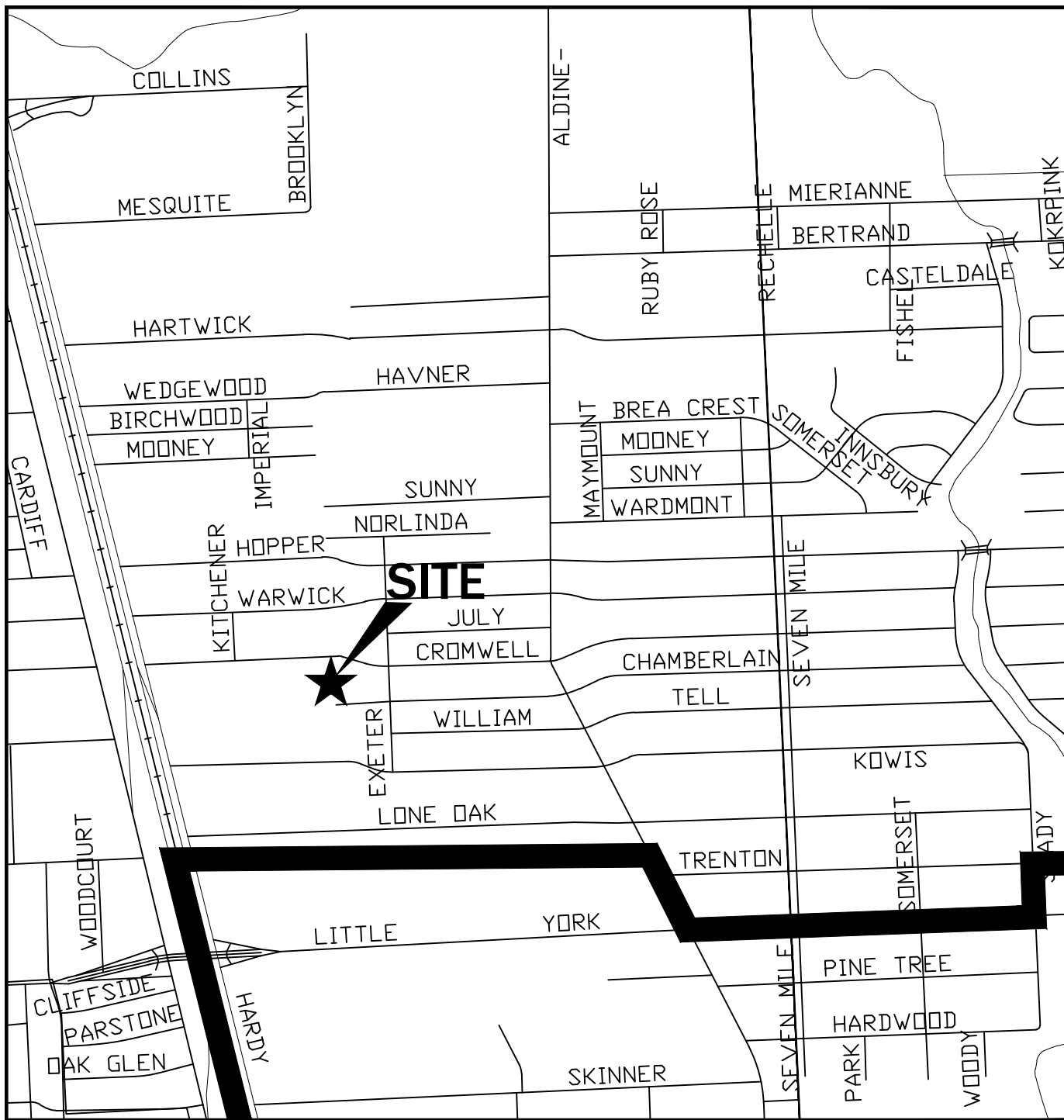
Jacquelyn L. Nisby  
Council Liaison  
Phone: 832-393-8023

DS

*JLN*

**ATTACHMENTS:**

<u>Description</u>	<u>Type</u>
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<u>Formal Bid Tab</u>	Backup Material
<u>CIP Form A</u>	Backup Material
<u>Form B</u>	Backup Material
<u>Fair Campaign Ordinance Form A</u>	Backup Material
<u>Tax Delinquent Report</u>	Backup Material

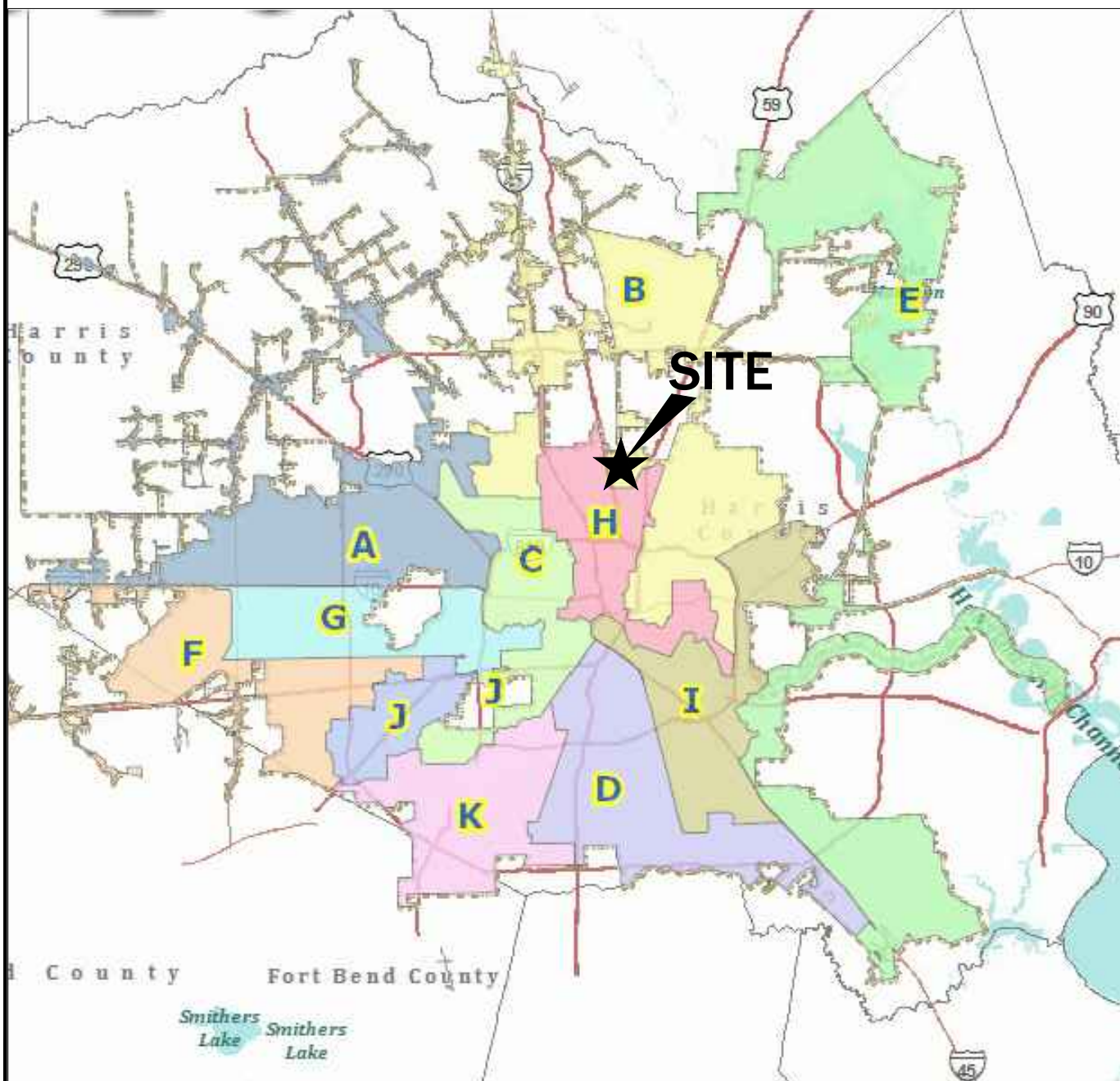


**SQUATTY LYONS PARK**  
**1701 CHAMBERLAIN ST. HOUSTON, TX 77093**

**COUNCIL DISTRICT "H"**

**KEYMAP No. 413U**

CITY OF HOUSTON  
HARRIS COUNTY, TEXAS



**SQUATTY LYONS PARK**  
**1701 CHAMBERLAIN ST. HOUSTON, TX 77093**

**COUNCIL DISTRICT "H"**

**KEYMAP No. 413U**



## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

District I

Item Creation Date: 5/23/2019

25CONS376 - Ryden Architecture - City Hall Annex  
Restoration (Hurricane Harvey)

Agenda Item#: 24.

### **Summary:**

**O2019-474** ORDINANCE appropriating \$355,700.00 out of Miscellaneous Capital Projects/Acquisitions Series E Fund; approving and authorizing Professional Architectural Services Contract between the City of Houston and **RYDEN ARCHITECTURE, LLC** for City Hall Annex Restoration Project; providing a maximum contract amount; declaring the City's intent to seek reimbursement from the Federal Emergency Management Agency and other eligible sources for such expenditures - **DISTRICT I - GALLEGOS**

### **Background:**

**RECOMMENDATION:** Approve professional architectural services contract and appropriate funds for the project.

**SPECIFIC EXPLANATION:** On August 26, 2017, Hurricane Harvey inundated the ground floor of City Hall Annex causing extensive damage. This project will provide design services for the City Hall Annex restoration. Therefore, the General Services Department (GSD) recommends that City Council approve a professional architectural services contract with Ryden Architecture, LLC to perform design and construction phase services for the City Hall Annex Restoration Project.

On May 4 and May 11, 2018, GSD advertised a Request for Qualifications containing selection criteria that ranked respondents on experience and key personnel. The Statements of Qualifications (SOQ) were due on May 31, 2018, and ten firms responded. GSD evaluated the respondents and based on the firm's experience and project team's experience, Ryden Architecture, LLC offers the best value for the City.

**PROJECT LOCATION:** 900 Bagby, Houston, TX 77002 (Key Map: 493L)

**PROJECT DESCRIPTION:** The project involves the complete restoration of the ground floor of City Hall Annex and parking garage, including the following: architectural, structural, mechanical, electrical, plumbing, fire protection and lighting systems; buildout of offices, hallways and conference rooms; ceiling and wall repairs; flood mitigation measures; and parking levels P1 and P2.

**SCOPE OF CONTRACT AND FEE:** The contract provides for a Basic Services Fee and an Additional Services Fee to be paid on a lump sum basis.

\$	274,200.00	Basic Services Fee
\$	81,500.00	Additional Services Fee
\$	<b>355,700.00</b>	<b>Total Funding</b>

**MWBE INFORMATION:** A 24% MWBE goal has been established for this contract. The architect has submitted the following certified firms to achieve the goal:

<b>Firm</b>	<b>Work Description</b>	<b>Amount</b>	<b>% of Contract</b>
Hirsch Engineering Inc.	MEP	\$ 43,310.00	12%
CSF Consulting, L.P.	Structural Engineering	\$ 66,280.00	19%
<b>Total</b>		<b>\$109,590.00</b>	<b>31%</b>

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' Ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

**DISASTER RECOVERY NOTE:** This item is related to the impact of Hurricane Harvey DR4332, and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency ("FEMA") and other eligible sources for such expenditures.

**CIP FISCAL NOTE:** No significant Fiscal Operating impact is anticipated as a result of this project.

**Capital Project Information:** See attached Form A for a breakdown of capital costs.

**WBS:** D-HARVEY-8640-4

**DIRECTOR'S SIGNATURE/DATE:**

\_\_\_\_\_  
C. J. Messiah, Jr.  
General Services Department

**Prior Council Action:**

**Amount of Funding:**

\$355,700.00  
Miscellaneous Capital Projects/Acquisitions CP Series E  
Fund 4039

**Contact Information:**

Jacquelyn L. Nisby  
Council Liaison  
**Phone:** 832.393.802

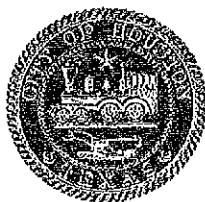
**ATTACHMENTS:**

**Description**

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Maps

**Type**

Signed Cover sheet  
Backup Material

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/11/2019

District I

Item Creation Date: 5/23/2019

25CONS376 - Ryden Architecture - City Hall Annex Restoration (Hurricane Harvey)

Agenda Item#: 36.

**Background:****RECOMMENDATION:** Approve professional architectural services contract and appropriate funds for the project.

**SPECIFIC EXPLANATION:** On August 26, 2017, Hurricane Harvey inundated the ground floor of City Hall Annex causing extensive damage. This project will provide design services for the City Hall Annex restoration. Therefore, the General Services Department (GSD) recommends that City Council approve a professional architectural services contract with Ryden Architecture, LLC to perform design and construction phase services for the City Hall Annex Restoration Project.

On May 4 and May 11, 2018, GSD advertised a Request for Qualifications containing selection criteria that ranked respondents on experience and key personnel. The Statements of Qualifications (SOQ) were due on May 31, 2018, and ten firms responded. GSD evaluated the respondents and based on the firm's experience and project team's experience, Ryden Architecture, LLC offers the best value for the City.

**PROJECT LOCATION:** 900 Bagby, Houston, TX 77002 (Key Map: 493L)

**PROJECT DESCRIPTION:** The project involves the complete restoration of the ground floor of City Hall Annex and parking garage, including the following: architectural, structural, mechanical, electrical, plumbing, fire protection and lighting systems; buildout of offices, hallways and conference rooms; ceiling and wall repairs; flood mitigation measures; and parking levels P1 and P2.

**SCOPE OF CONTRACT AND FEE:** The contract provides for a Basic Services Fee and an Additional Services Fee to be paid on a lump sum basis.

\$	274,200.00	Basic Services Fee
\$	81,500.00	Additional Services Fee
\$	355,700.00	Total Funding

**MWBE INFORMATION:** A 24% MWBE goal has been established for this contract. The architect has submitted the following certified firms to achieve the goal:

Firm	Work Description	Amount	% of Contract
Hirsch Engineering Inc.	MEP	\$ 43,310.00	12%
CSF Consulting, L.P.	Structural Engineering	\$ 66,280.00	19%
Total		\$109,590.00	31%

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' Ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

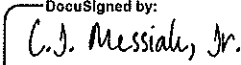
**DISASTER RECOVERY NOTE:** This item is related to the impact of Hurricane Harvey DR4332, and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency ("FEMA") and other eligible sources for such expenditures.

**CIP FISCAL NOTE:** No significant Fiscal Operating impact is anticipated as a result of this project.

**Capital Project Information:** See attached Form A for a breakdown of capital costs.

WBS: D-HARVEY-8640-4

**DIRECTOR'S SIGNATURE/DATE:**

DocuSigned by:  
 5/30/2019  
 C. J. Messiah, Jr.  
 General Services Department

**Prior Council Action:**

**Amount of Funding:**

**\$355,700.00** Miscellaneous Capital Projects/Acquisitions CP Series E (4039)

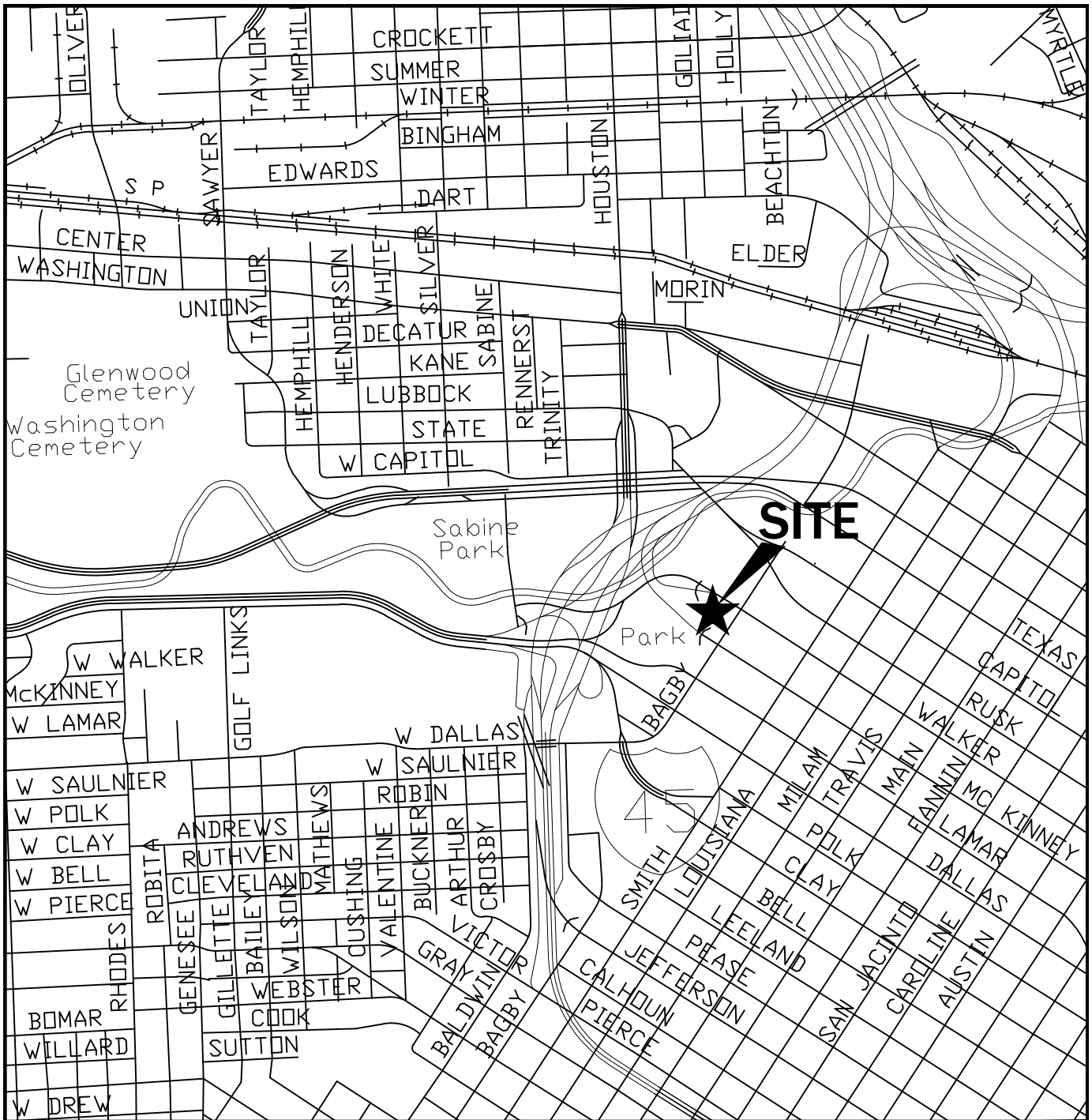
**Contact Information:**

Jacquelyn L. Nisby  
Council Liaison  
Phone: 832.393.802

<sup>DS</sup>  
*JLN*

**ATTACHMENTS:**

<b>Description</b>	<b>Type</b>
<u>Signed Coversheet</u>	Signed Cover sheet
<u>Campaign Finance Ordinance Form A</u>	Signed Cover sheet
<u>Fair Campaign Ordinance Form B</u>	Signed Cover sheet
<u>CIP Document</u>	Signed Cover sheet
<u>Delinquent Tax Bill Report</u>	Signed Cover sheet
<u>Form 1295</u>	Signed Cover sheet
<u>Maps</u>	Backup Material

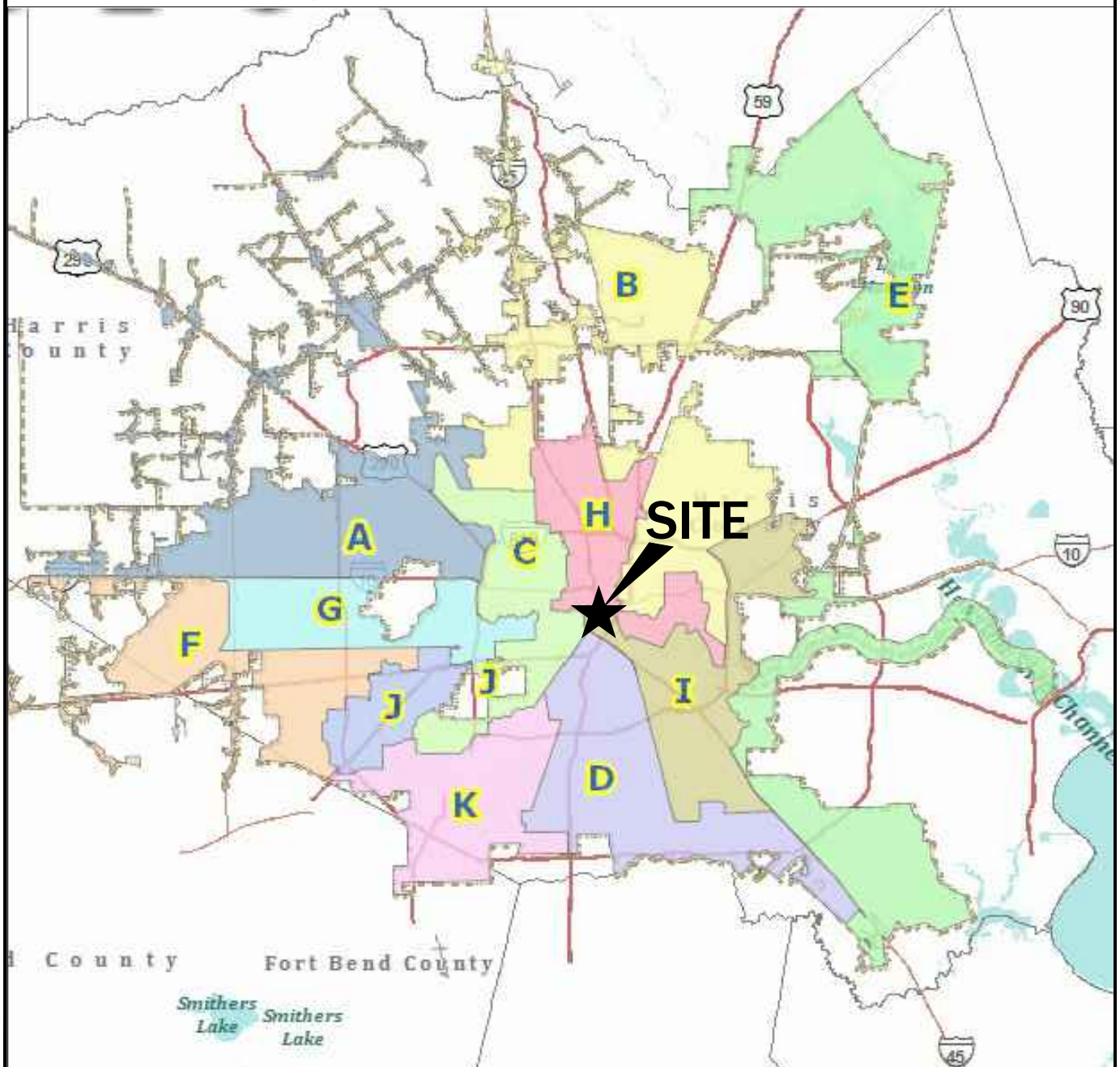


**CITY HALL ANNEX RESTORATION (HARVEY)**  
**900 BAGBY ST. HOUSTON, TX 77002**

**COUNCIL DISTRICT "I"**

**KEYMAP No. 493L**

**CITY OF HOUSTON  
HARRIS COUNTY, TEXAS**



**CITY HALL ANNEX RESTORATION (HARVEY)  
900 BAGBY ST. HOUSTON, TX 77002**

**COUNCIL DISTRICT "I"**

**KEYMAP No. 493L**



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 4/9/2019

E28952 - Insurance Service Office Public Protection  
Classification - ORDINANCE

Agenda Item#: 25.

### **Summary:**

**O2019-475** ORDINANCE awarding contract to **MIKE PIETSCH, P.E. CONSULTING SERVICES, INC** for Insurance Service Office Public Protection Classification Consultant Services for the Houston Fire Department; providing a maximum contract amount - 2 Year - \$150,000.00 - General Fund

### **Background:**

**Sole Source for S83-E28952 – Approve an ordinance awarding a contract to Mike Pietsch, P.E. Consulting Services, Inc. In the maximum contract amount not to exceed \$150,000.00 for Insurance Service Office (ISO) Public Protection Classification (PPC) Consultant Services for the Houston Fire Department.**

### **Specific Explanation:**

The Chief of the Houston Fire Department and the Chief Procurement Officer recommend that City Council approve an ordinance awarding a **two-year** sole source contract to **Mike Pietsch, P.E. Consulting Services, Inc.**, in the maximum contract amount not to exceed **\$150,000.00** for Insurance Service Office (ISO) Public Protection Classification (PPC) Consultant Services for the Houston Fire Department. The Chief of Houston Fire Department and the Chief Procurement Officer may terminate this contact at any time upon 30 day written notice to the contractor.

The scope of work requires the contractor to provide consultant services to support the Houston Fire Department in the upcoming Insurance Service Office (ISO) Public Protection Classification (PPC) evaluation. The ISO is a Public Classification program defined by Texas Insurance Code, Chapter 1805, which provides information on a community's fire suppression and mitigation grading schedule from its ISOs Public Protection Classification (PPC) program to the subscriber's insurance companies. The grades achieved may play a role for insurance companies to determine the rates. Communities have hired consultants to assist them to complete the ISO process and improve their ISO classification.

Under the terms of the contract, the consultant shall be required to provide the following services:

- Assist the City to navigate the process and understand the scoring system.
- Compiling the necessary information for the evaluation and to identify opportunities to maintain the City of Houston's top score.
- Evaluate the Fire department, communication center, water supply, as well as state specific criteria.
- Provide guidance in maintaining a favorable ISO rating.
- Completing twenty-four (24) ISO pre-survey packets and associated support data

- Compiling twenty four (24) RFQ packages and associated support data.

This recommendation is made pursuant to Chapter 252, Section 252.022 (a) (7) (A) “a procurement of items that are available from only one source, including items that are available from only one source because of patents, copyrights, secret processes, or natural monopolies” of the Texas Local Government Code for exempted procurements.

**M/WBE Participation:**

Zero percentage goal document approved by the Office of Business Opportunity.

**Pay or Play:**

The proposed contract requires compliance with the City’s “Pay or Play” ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

**Hire Houston First:**

This procurement is exempt from the City’s Hire Houston First Ordinance. Bids/proposals were not solicited because the department is utilizing a sole source for this purchase.

**Fiscal Note:**

Funding for this item is included in the FY2019 Adopted Budget. Therefore, no Fiscal Note is required as stated in the Financial Policies.

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**Jerry Adams, Chief Procurement Officer**  
**Finance/Strategic Procurement Division**

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**Department Approval Authority**

Estimated Spending Authority			
Department	FY2019	Out Years	Total
Houston Fire Department	\$130,000.00	\$20,000.00	\$150,000.00

**Amount of Funding:**

\$150,000.00  
General Fund  
Fund 1000

**Contact Information:**

NAME:	DEPARTMENT/DIVISION	PHONE
Brenda Chagoya, Division Manager	FIN/SPD	(832) 393-8723
Barbara Fisher, Procurement Specialist	FIN/SPD	(832) 393-8707
Christian Jones, Management Analyst	HFD	(832) 394-6771

**ATTACHMENTS:**

**Description**

Cover sheet

**Type**

Signed Cover sheet

COVER SHEET

Signed COVER SHEET



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 4/9/2019

E28952 - Insurance Service Office Public Protection Classification - ORDINANCE

Agenda Item#:

### **Background:**

**Sole Source for S83-E28952 – Approve an ordinance awarding a contract to Mike Pietsch, P.E. Consulting Services, Inc. In the maximum contract amount not to exceed \$150,000.00 for Insurance Service Office (ISO) Public Protection Classification (PPC) Consultant Services for the Houston Fire Department.**

### **Specific Explanation:**

The Chief of the Houston Fire Department and the Chief Procurement Officer recommend that City Council approve an ordinance awarding a **two-year** sole source contract to **Mike Pietsch, P.E. Consulting Services, Inc.**, in the maximum contract amount not to exceed **\$150,000.00** for Insurance Service Office (ISO) Public Protection Classification (PPC) Consultant Services for the Houston Fire Department. The Chief of Houston Fire Department and the Chief Procurement Officer may terminate this contact at any time upon 30 day written notice to the contractor.

The scope of work requires the contractor to provide consultant services to support the Houston Fire Department in the upcoming Insurance Service Office (ISO) Public Protection Classification (PPC) evaluation. The ISO is a Public Classification program defined by Texas Insurance Code, Chapter 1805, which provides information on a community's fire suppression and mitigation grading schedule from its ISOs Public Protection Classification (PPC) program to the subscriber's insurance companies. The grades achieved may play a role for insurance companies to determine the rates. Communities have hired consultants to assist them to complete the ISO process and improve their ISO classification.

Under the terms of the contract, the consultant shall be required to provide the following services:

- Assist the City to navigate the process and understand the scoring system.
- Compiling the necessary information for the evaluation and to identify opportunities to maintain the City of Houston's top score.
- Evaluate the Fire department, communication center, water supply, as well as state specific criteria.
- Provide guidance in maintaining a favorable ISO rating.
- Completing twenty-four (24) ISO pre-survey packets and associated support data.

This recommendation is made pursuant to Chapter 252, Section 252.022 (a) (7) (A) "a procurement of items that are available from only one source, including items that are available from only one source because of patents, copyrights, secret processes, or natural monopolies" of the Texas Local Government Code for exempted procurements.

### **M/WBE Participation:**

Zero percentage goal document approved by the Office of Business Opportunity.

### **Pay or Play:**

The proposed contract requires compliance with the City's "Pay or Play" ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

### **Hire Houston First:**

This procurement is exempt from the City's Hire Houston First Ordinance. Bids/proposals were not solicited because the department is utilizing a sole source for this purchase.

### **Fiscal Note:**

Funding for this item is included in the FY2019 Adopted Budget. Therefore, no Fiscal Note is required as stated in the Financial Policies.

5/30/2019

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*Jerry Adams*  
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Jerry Adams, Chief Procurement Officer  
Finance/Strategic Procurement Division

DocuSigned by:  
*Samuel Pena*  
9329BAD08AC849B...

Department Approval Authority

6/2/2019

Estimated Spending Authority			
Department	FY2019	Out Years	Total
Houston Fire Department	\$130,000.00	\$20,000.00	\$150,000.00

**Amount of Funding:**

\$150,000.00 – General Fund (1000)

**Contact Information:**

NAME:	DEPARTMENT/DIVISION	PHONE
Brenda Chagoya, Division Manager	FIN/SPD	(832) 393-8723
Barbara Fisher, Procurement Specialist	FIN/SPD	(832) 393-8707
Christian Jones, Management Analyst	HFD	(832) 394-6771

**ATTACHMENTS:**

Description	Type
Affidavit of Ownership	Backup Material
Document 1295	Backup Material
Ceriticate of Insurance	Backup Material
MWBE Waiver	Backup Material
Professional Service Justification	Backup Material
Delinquent Tax Report	Backup Material
(NEW) Appvd ISO Consultant RCA Funding Budget Attachment A	Financial Information



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 4/23/2019

T28853 - Disaster Debris Monitoring Services - ORDINANCE

Agenda Item#: 26.

### **Summary:**

**O2019-476** ORDINANCE approving and authorizing Pre-Positioned Agreements between the City of Houston and (1) **CDR MAGUIRE, INC**, (2) **TETRA TECH, INC**, (3) **THOMPSON CONSULTING SERVICES, LLC** for Disaster Debris Monitoring Services for the Solid Waste Management Department; providing a maximum contract amount for contract between the City of Houston and **TETRA TECH, INC** - 3 Years with two one-year options - \$4,900,000.00 - Disaster Recovery Fund

### **Background:**

**Request for Proposals Received January 17, 2019 for S74-T28853 - Approve an ordinance awarding pre-positioned contracts to CDR Maguire, Inc., Tetra Tech, Inc., and Thompson Consulting Services, LLC and to activate and create a maximum contract amount not exceed \$4,900,000.00 for the contract between the City of Houston and Tetra Tech, Inc. for disaster debris monitoring services for the Solid Waste Management Department.**

### **Specific Explanation:**

The Director of the Solid Waste Management Department and the Chief Procurement Officer recommend that City Council approve an ordinance awarding three pre-positioned **three-year contracts, with two one-year options** to **CDR Maguire, Inc., Tetra Tech, Inc., and Thompson Consulting Services, LLC** and to activate and create a maximum contract amount not exceed **\$4,900,000.00** for the contract between the City of Houston and Tetra Tech, Inc. on their most responsive and responsible proposals for disaster debris monitoring services for the Solid Waste Management Department. No funding required at this time for CDR Maguire Inc. or Thompson Consulting Services LLC.

The Tetra Tech, Inc. contract requires immediate funding to continue ongoing monitoring work related to Hurricane Harvey in the City's waterways. The Thompson Consulting Services, LLC and CDR Maguire, Inc. contracts do not require funding. These two contracts will be used for a future natural disaster(s).

The scope of work requires the Contractor to provide debris monitors and debris monitoring services to assist the City with monitoring the operations of the Debris Management Contractor(s) (DMC) in disaster debris removal and disposal. The Contractor shall observe, monitor and document the DMC's removal, processing and disposal operations, including maintaining documentation regarding debris types, quantities, reduction methods and pick up and disposal locations to certify all debris collection and disposal services comply with all applicable law, including FEMA regulations, policies and guidelines to maximize reimbursements from FEMA and other federal, state and local agencies.

This project was advertised in accordance with the requirements of the State of Texas bid laws. One-hundred and sixty-two prospective respondents downloaded the solicitation document from the

received and only the prospective respondents downloaded the solicitation documents from the Strategic Procurement Division's e-bidding website, and as a result, proposals were received from CDR Maguire, Inc., Tetra Tech, Inc, Thompson Consulting Services, LLC, and True North Emergency Management. The evaluation committee was comprised of five voting members, three (3) from the Solid Waste Management Department and two (2) from the Finance Department.

The proposals were evaluated on the following published criteria:

- Experience & Background
- Operational Plan for the City
- Litigation History & Past Performance
- Proposal Costs

Thompson Consulting Services, LLC, Tetra Tech, Inc., and CDR Maguire, Inc. received the highest overall scores.

**M/WBE Participation:**

These contracts contain an 11% M/WBE participation goal that will use City of Houston-certified M/WBE contractors upon activation and approval of funding by City Council (**see attachment for MWBE Participation Plan Matrix**).

**Pay or Play Program:**

These proposed contracts require compliance with the City's "Pay or Play" ordinance regarding health benefits for employees of City contractors. In this case CDR Maguire, Inc., Tetra Tech, Inc. and Thompson Consulting Services, LLC have all elected to provide benefits for some employees but will pay into the Contractor Responsibility Fund in compliance with City policy.

**Hire Houston First:**

Hire Houston First does not apply to this procurement, because it may involve the use of federal funds and is subject to specific procurement rules of the federal government.

**Fiscal Note:**

Funding for this item is included in the FY2019 Adopted Budget. Therefore, no Fiscal Note is required as stated in the Financial Policies.

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**Jerry Adams, Chief Procurement Officer**  
**Finance/Strategic Procurement Division**

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**Department Approval Authority**

ESTIMATED SPENDING AUTHORITY FOR TETRA TECH			
Department	FY19	Out-Years	Total Amount
Solid Waste Management Dept.	\$400,000.00	\$4,500,000.00	\$4,900,000.00

**Amount of Funding:**

**\$4,900,000.00 - Disaster Recovery Fund (5303)**

**Contact Information:**

NAME:	DEPARTMENT/DIVISION	PHONE
Richard Morris, Division Manager	FIN/SPD	(832) 393-8736
Harry Hayes, COO and Director	SWMD	(832)-394-0454

**ATTACHMENTS:**

Description	Type
Coversheet (revised)	Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 4/23/2019

T28853 - Disaster Debris Monitoring Services - ORDINANCE

Agenda Item#:

### **Background:**

**Request for Proposals Received January 17, 2019 for S74-T28853 - Approve an ordinance awarding pre-positioned contracts to CDR Maguire, Inc., Tetra Tech, Inc., and Thompson Consulting Services, LLC and to activate and create a maximum contract amount not exceed \$4,900,000.00 for the contract between the City of Houston and Tetra Tech, Inc. for disaster debris monitoring services for the Solid Waste Management Department.**

### **Specific Explanation:**

The Director of the Solid Waste Management Department and the Chief Procurement Officer recommend that City Council approve an ordinance awarding three pre-positioned **three-year contracts, with two one-year options** to **CDR Maguire, Inc., Tetra Tech, Inc., and Thompson Consulting Services, LLC** and to activate and create a maximum contract amount not exceed **\$4,900,000.00** for the contract between the City of Houston and Tetra Tech, Inc. on their most responsive and responsible proposals for disaster debris monitoring services for the Solid Waste Management Department. No funding required at this time for CDR Maguire Inc. or Thompson Consulting Services LLC.

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The scope of work requires the Contractor to provide debris monitors and debris monitoring services to assist the City with monitoring the operations of the Debris Management Contractor(s) (DMC) in disaster debris removal and disposal. The Contractor shall observe, monitor and document the DMC's removal, processing and disposal operations, including maintaining documentation regarding debris types, quantities, reduction methods and pick up and disposal locations to certify all debris collection and disposal services comply with all applicable law, including FEMA regulations, policies and guidelines to maximize reimbursements from FEMA and other federal, state and local agencies.

This project was advertised in accordance with the requirements of the State of Texas bid laws. One-hundred and sixty-two prospective respondents downloaded the solicitation document from the Strategic Procurement Division's e-bidding website, and as a result, proposals were received from CDR Maguire, Inc., Tetra Tech, Inc, Thompson Consulting Services, LLC, and True North Emergency Management. The evaluation committee was comprised of five voting members, three (3) from the Solid Waste Management Department and two (2) from the Finance Department.

The proposals were evaluated on the following published criteria:

- Experience & Background
- Operational Plan for the City
- Litigation History & Past Performance
- Proposal Costs

Thompson Consulting Services, LLC, Tetra Tech, Inc., and CDR Maguire, Inc. received the highest overall scores.

### **M/WBE Participation:**

These contracts contain an 11% M/WBE participation goal that will use City of Houston-certified M/WBE contractors upon activation and approval of funding by City Council (**see attachment for M/WBE Participation Plan Matrix**).

### **Pay or Play Program:**

These proposed contracts require compliance with the City's "Pay or Play" ordinance regarding health benefits for employees of City contractors. In this case CDR Maguire, Inc., Tetra Tech, Inc. and Thompson Consulting Services, LLC have all elected to provide benefits for some employees but will pay into the Contractor Responsibility Fund in compliance with City policy.

### **Hire Houston First:**

Hire Houston First does not apply to this procurement, because it may involve the use of federal funds and is subject to specific procurement rules of the federal government.

**Fiscal Note:**

Funding for this item is included in the FY2019 Adopted Budget. Therefore, no Fiscal Note is required as stated in the Financial Policies.

6/11/2019

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*Jerry Adams*  
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Jerry Adams, Chief Procurement Officer  
Finance/Strategic Procurement Division

6/17/2019

DocuSigned by:  
*Harry Hayes*  
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Department Approval Authority

ESTIMATED SPENDING AUTHORITY FOR TETRA TECH			
Department	FY19	Out-Years	Total Amount
Solid Waste Management Dept.	\$400,000.00	\$4,500,000.00	\$4,900,000.00

**Amount of Funding:**

**\$4,900,000.00 - Disaster Recovery Fund (5303)**

**Contact Information:**

NAME:	DEPARTMENT/DIVISION	PHONE
Richard Morris, Division Manager	FIN/SPD	(832) 393-8736
Harry Hayes, COO and Director	SWMD	(832)-394-0454

**ATTACHMENTS:**

Description	Type
cover sheet	Signed Cover sheet
Form A	Backup Material
Form B	Backup Material
Affidavit of Ownership	Backup Material
SOS	Backup Material
POP Forms	Backup Material
Tax Reports	Backup Material
Drug Forms	Backup Material
COI (3)	Backup Material
RCA Attachment for MWBE Participation Plan Matrix	Backup Material
Letters of Intent	Backup Material
Funding Information - Tetra Tech 06.10.19	Financial Information



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ETJ

Item Creation Date: 4/11/2019

HPW - 20WR129 – Petition Addit (1.865) Fort Bend County  
Municipal Utility District No. 134B

Agenda Item#: 27.

### **Summary:**

**O2019-461** ORDINANCE consenting to the addition of 1.865 acres of land to **FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 134B**, for inclusion in its district

### **Background:**

**SUBJECT:** Petition for the City's consent to the addition of 1.865 acres to Fort Bend County Municipal Utility District No. 134B (Key Map No. 526Z).

**RECOMMENDATION:** Petition for the City's consent to the addition of 1.865 acres to Fort Bend County Municipal Utility District No. 134B be approved.

**SPECIFIC EXPLANATION:** Fort Bend County Municipal Utility District No. 134B (the "District") was created through an act of the Legislature in 2007, and currently consists of 1,120.660 acres within Fort Bend County. The District is within the extraterritorial jurisdiction of the City and has petitioned the City for consent to add 1.865 acres of vacant land, proposed be developed as multi-family residential, and commercial property, to the district. The proposed annexation tract is located in the vicinity of West Belfort, Harlem Road, Beechnut Drive, and Madden Road. The addition of land to the District does not release it from the City's extraterritorial jurisdiction.

The Utility District Review Committee has evaluated the application with respect to wastewater collection and treatment, potable water distribution, storm water conveyance, and other public services.

The District has a wastewater collection system and treatment facility. The annexation tract will be provided with wastewater treatment by Fort Bend County Municipal Utility District No. 134A Wastewater Treatment Plant No. 1. This regional plant also provides wastewater treatment to Fort Bend County Municipal Utility District No. 134C. Potable water is provided by the district.

The nearest major drainage facility for the District is Oyster Creek, which flows into Flat Bank Creek, then into the Brazos River, and finally into the Gulf of Mexico. The proposed annexation tract is not within the 100 or 500 year floodplain.

By executing the Petition for Consent, the district has acknowledged that all plans for the construction of water conveyance, wastewater collection, and storm water collection systems within the district must be approved by the City of Houston prior to their construction.

The Utility District Review Committee recommends that the subject petition be approved.

Director  
Houston Public Works

**Contact Information:**

Sharon Citino, J.D.  
Planning Director  
Houston Water  
Phone: (832) 395-2712

**ATTACHMENTS:**

**Description**

Signed Coversheet  
Maps

**Type**

Signed Cover sheet  
Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ETJ

Item Creation Date: 4/11/2019

HPW - 20WR129 – Petition Addit (1.865) Fort Bend County Municipal Utility District No. 134B

Agenda Item#:

### **Background:**

**SUBJECT:** Petition for the City's consent to the addition of 1.865 acres to Fort Bend County Municipal Utility District No. 134B (Key Map No. 526Z).

**RECOMMENDATION:** Petition for the City's consent to the addition of 1.865 acres to Fort Bend County Municipal Utility District No. 134B be approved.

**SPECIFIC EXPLANATION:** Fort Bend County Municipal Utility District No. 134B (the "District") was created through an act of the Legislature in 2007, and currently consists of 1,120.660 acres within Fort Bend County. The District is within the extraterritorial jurisdiction of the City and has petitioned the City for consent to add 1.865 acres of vacant land, proposed be developed as multi-family residential, and commercial property, to the district. The proposed annexation tract is located in the vicinity of West Bellfort, Harlem Road, Beechnut Drive, and Madden Road. The addition of land to the District does not release it from the City's extraterritorial jurisdiction.

The Utility District Review Committee has evaluated the application with respect to wastewater collection and treatment, potable water distribution, storm water conveyance, and other public services.

The District has a wastewater collection system and treatment facility. The annexation tract will be provided with wastewater treatment by Fort Bend County Municipal Utility District No. 134A Wastewater Treatment Plant No. 1. This regional plant also provides wastewater treatment to Fort Bend County Municipal Utility District No. 134C. Potable water is provided by the district.

The nearest major drainage facility for the District is Oyster Creek, which flows into Flat Bank Creek, then into the Brazos River, and finally into the Gulf of Mexico. The proposed annexation tract is not within the 100 or 500 year floodplain.

By executing the Petition for Consent, the district has acknowledged that all plans for the construction of water conveyance, wastewater collection, and storm water collection systems within the district must be approved by the City of Houston prior to their construction.

The Utility District Review Committee recommends that the subject petition be approved.

Carol Ellinger Haddock, P. E.

Director

Houston Public Works

### **Contact Information:**

Sharon Citino, J.D.

Planning Director

Houston Water

Phone: (832) 395-2712

### **ATTACHMENTS:**

#### **Description**

Maps

Application

Petition

Backup Material

Fact Sheet

#### **Type**

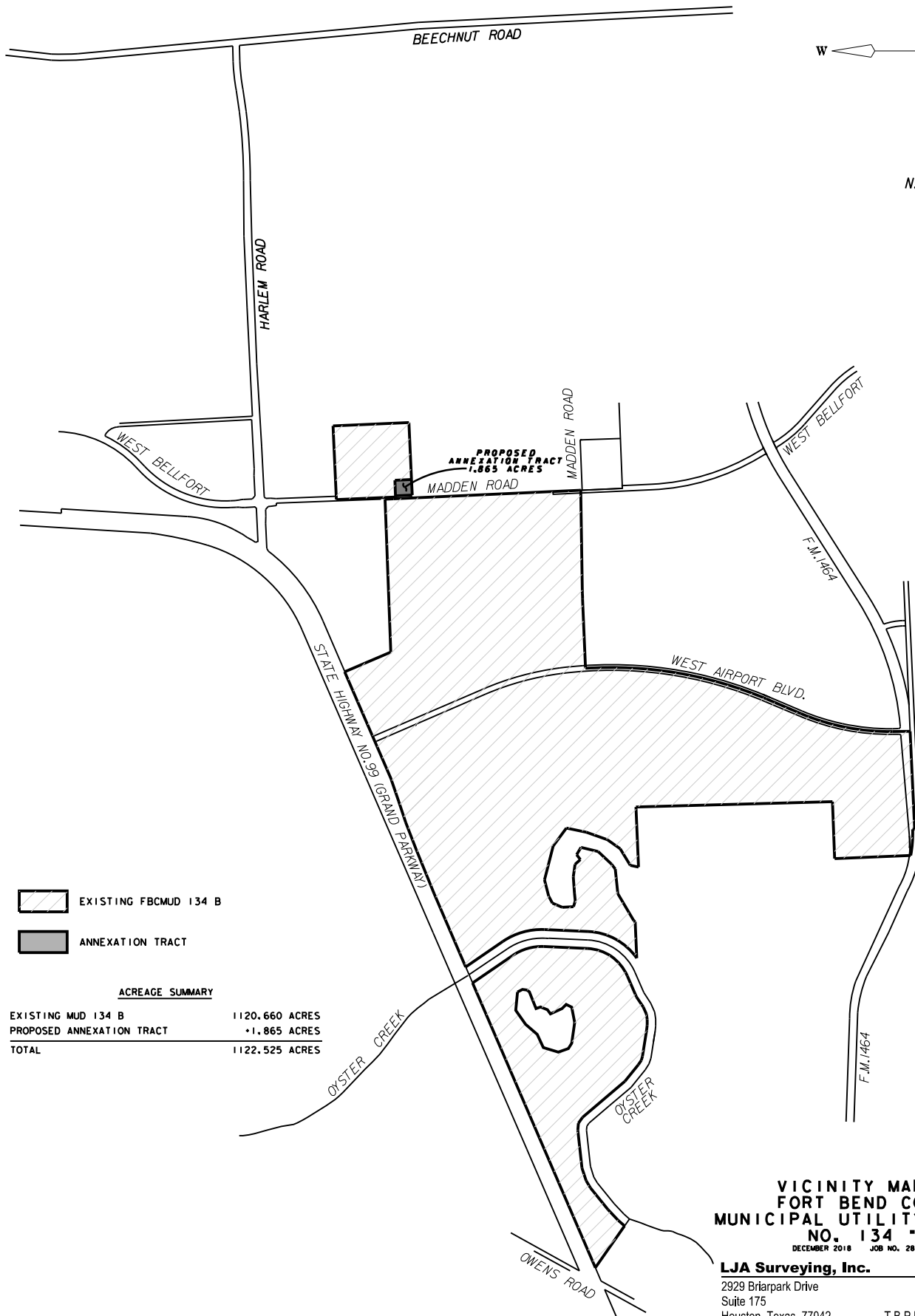
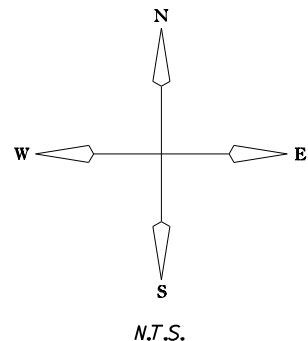
Backup Material

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Backup Material



-  EXISTING FBCMUD 134 B
-  ANNEXATION TRACT

**ACREAGE SUMMARY**

EXISTING MUD 134 B	1120.660 ACRES
PROPOSED ANNEXATION TRACT	+1.865 ACRES
<b>TOTAL</b>	<b>1122.525 ACRES</b>

**VICINITY MAP FOR  
FORT BEND COUNTY  
MUNICIPAL UTILITY DISTRICT  
NO. 134 "B"**

DECEMBER 2018 JOB NO. 2883-0001

**LJA Surveying, Inc.**

2929 Briarpark Drive  
Suite 175  
Houston, Texas 77042

Phone 713.953.5200  
Fax 713.953.5026  
T.B.P.L.S. Firm No. 10194382









# Fort Bend County MUD 134B (1.865 acres)



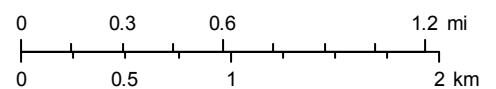
4/8/2019 11:30:52 AM

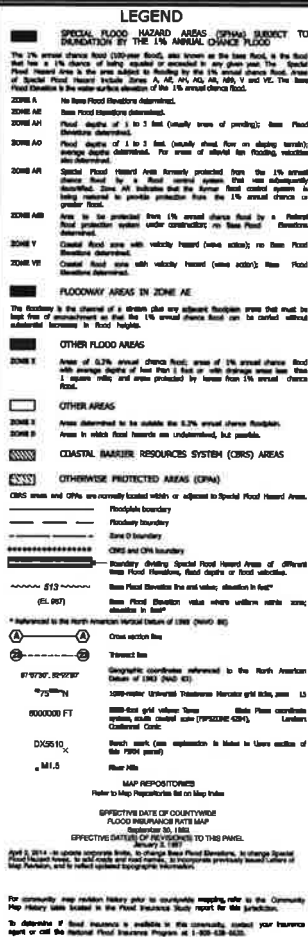
1:36,112

- |   |   |
|---|---|
|  Existing Acreage of District |  500 Year Floodplain |
|  Proposed Annexation         |  Floodway            |
|  Council Districts           |  City Limits         |

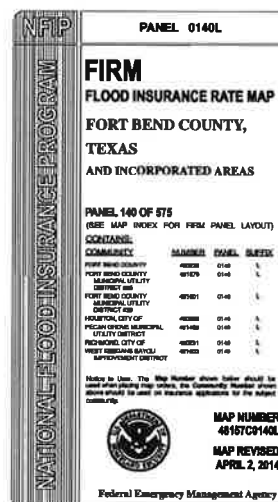
## Flood Zone

- |   |
|---|
|  100 Year Floodplain |
|---|





*N.T.S.*



*FEMA FIRM PANEL*  
*FOR 1.865 ACRE TRACT ANNEXATION*

**LJA Engineering, Inc.**

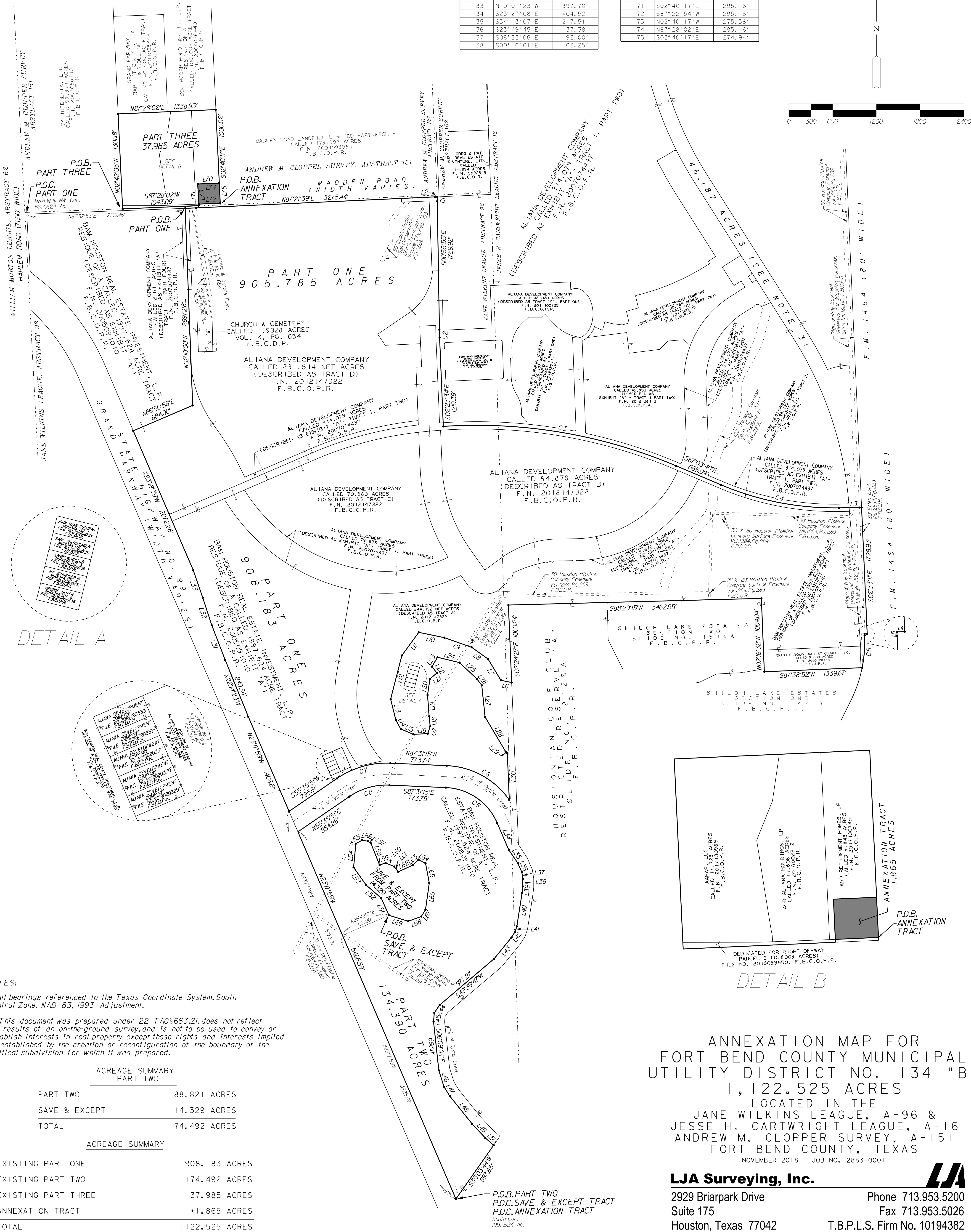
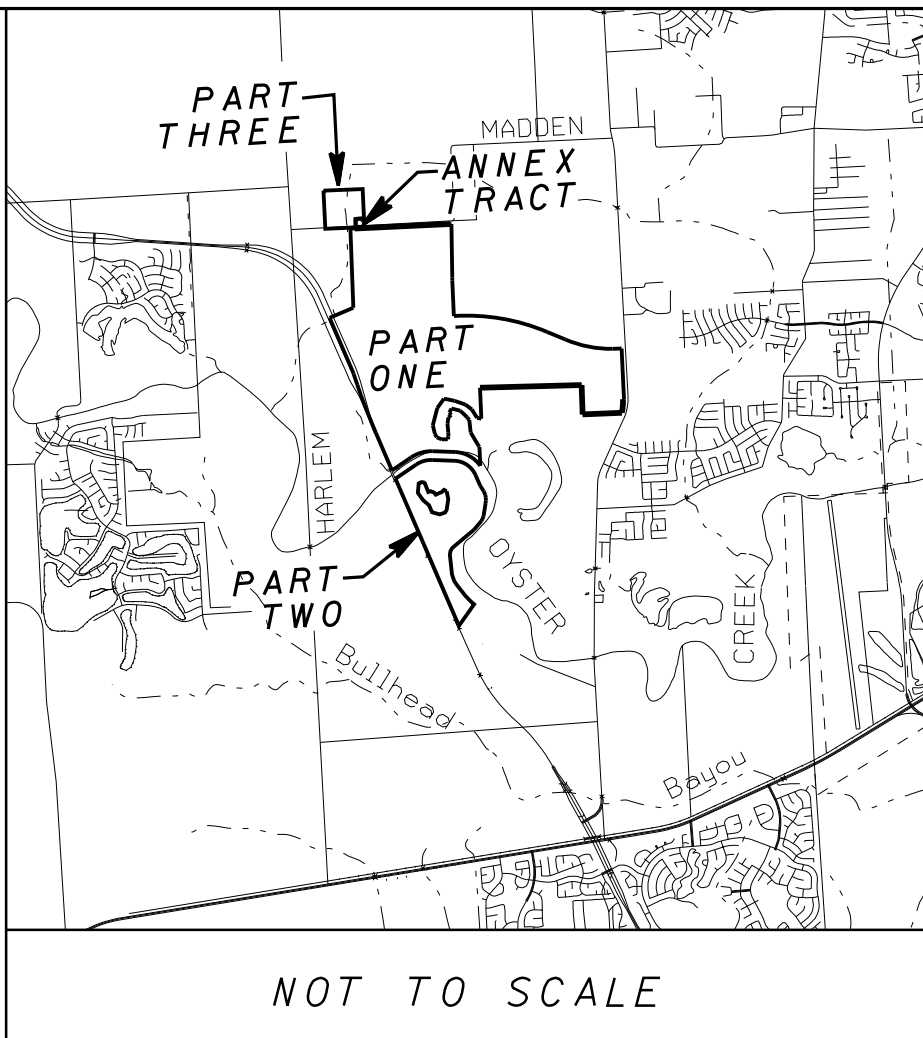
2929 Briarpark Drive  
Suite 600  
Houston, Texas 77042

Phone 713.953.5200  
Fax 713.953.5026  
FRN - F-1386

CURVE TABLE						
Curve	Radius	Tangent	Chord	Arc	Delta	Chord Bearing
1	2000.00'	30.03'	60.05'	60.05'	01°43'13"	S01°47'31"E
2	4000.00'	51.00'	101.99'	102.00'	01°27'40"	S01°39'44"E
3	7000.00'	1659.29'	3229.10'	3258.44'	26°40'15"	S80°23'47"E
4	4000.00'	841.33'	1646.62'	1658.48'	23°45'21"	S78°56'20"E
5	1834.86'	224.17'	445.03'	446.12'	13°55'51"	S04°25'35"W
6	1100.00'	542.76'	973.47'	1008.41'	52°31'31"	N61°15'30"W
7	1200.00'	400.14'	759.19'	772.45'	36°52'55"	S74°02'34"W
8	900.00'	300.15'	569.46'	579.42'	36°53'13"	N74°02'27"E
9	800.00'	500.56'	848.68'	894.57'	64°04'07"	S55°29'12"E

LINE TABLE		
Line	Bearing	Distance
1	N87°21'53"E	147.49'
2	N87°28'16"E	28.39'
3	N89°10'59"E	309.45'
4	S87°37'59"W	35.60'
5	S02°16'30"E	18.37'
6	N78°20'27"W	149.47'
7	N31°13'35"W	341.11'
8	N54°25'06"W	275.72'
9	N70°38'52"W	396.11'
10	N78°13'54"W	357.55'
11	S36°07'31"W	392.72'
12	S14°24'24"W	615.50'
13	S13°57'01"E	294.92'
14	S28°54'33"E	139.53'
15	S67°09'59"E	187.92'
16	N87°20'58"E	197.10'
17	N18°07'19"E	105.50'
18	N06°05'19"W	137.51'
19	N04°17'21"W	292.51'
20	N08°31'51"E	221.22'
21	N49°07'39"E	125.37'
22	N37°37'34"W	118.49'
23	N30°57'50"E	148.82'
24	S76°22'23"E	309.52'
25	S46°49'06"E	325.02'
26	S37°37'34"E	110.49'
27	S05°59'47"E	436.28'
28	S30°38'19"E	550.91'
29	S50°28'39"E	29.84'
30	S02°24'27"E	641.10'
31	N21°08'23"W	508.72'
32	N18°04'32"W	396.44'
33	N19°01'23"W	397.70'
34	S23°27'08"E	404.52'
35	S34°13'07"E	217.51'
36	S23°49'45"E	137.38'
37	S08°22'06"E	92.00'
38	S00°16'01"E	103.25'

LINE TABLE		
Line	Bearing	Distance
39	S08°31'01"W	91.58'
40	S08°55'48"W	461.76'
41	S17°43'11"W	76.06'
42	S32°27'19"W	93.62'
43	S39°13'49"W	377.03'
44	S34°08'59"W	128.53'
45	S04°53'28"W	122.59'
46	S17°36'45"E	235.15'
47	S31°45'02"E	149.03'
48	S38°45'35"E	490.60'
49	S43°15'46"E	260.66'
50	S48°46'04"E	152.90'
51	N24°03'03"W	257.47'
52	N49°12'26"W	270.77'
53	N35°20'06"W	299.46'
54	N05°27'20"E	325.98'
55	N61°28'37"E	95.45'
56	S80°57'38"E	81.22'
57	S55°10'32"E	51.08'
58	S21°51'45"E	318.22'
59	N17°33'54"E	86.48'
60	S67°26'34"E	188.32'
61	S36°52'12"E	91.15'
62	N65°05'43"E	225.12'
63	N45°00'00"E	103.13'
64	S63°00'15"E	108.44'
65	S10°42'47"E	274.60'
66	S07°58'11"W	368.17'
67	S31°36'27"W	111.31'
68	S70°20'46"W	189.71'
69	N73°07'11"W	276.25'
70	S87°28'02"W	295.16'
71	S02°40'17"E	295.16'
72	S87°22'54"W	295.16'
73	N02°40'17"W	275.38'
74	N87°28'02"E	295.16'
75	S02°40'17"E	274.94'



NOTES:

1. All bearings referenced to the Texas Coordinate System, South Central Zone, NAD 83, 1993 Adjustment.

2. This document was prepared under 22 TAC§663.21, does not reflect the results of an on-the-ground survey, and is not to be used to convey or establish interests in real property except those rights and interests implied or established by the creation or reconfiguration of the boundary of the political subdivision for which it was prepared.

ACREAGE SUMMARY	
PART TWO	
PART TWO	188.821 ACRES
SAVE & EXCEPT	14.329 ACRES
TOTAL	174.492 ACRES
ACREAGE SUMMARY	
EXISTING PART ONE	908.183 ACRES
EXISTING PART TWO	174.492 ACRES
EXISTING PART THREE	37.985 ACRES
ANNEXATION TRACT	+1.865 ACRES
TOTAL	1122.525 ACRES

ANNEXATION MAP FOR  
FORT BEND COUNTY MUNICIPAL  
UTILITY DISTRICT NO. 134 "B"  
1,122.525 ACRES  
LOCATED IN THE  
JANE WILKINS LEAGUE, A-96 &  
JESSE H. CARTWRIGHT LEAGUE, A-16  
ANDREW M. CLOPPER SURVEY, A-151  
FORT BEND COUNTY, TEXAS  
NOVEMBER 2018 JOB NO. 2883-0001

LJA Surveying, Inc.

2929 Briarpark Drive  
Suite 175  
Houston, Texas 77042

Phone 713.953.5200  
Fax 713.953.5026  
T.B.P.L.S. Firm No. 10194382





## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ETJ

Item Creation Date: 3/18/2019

HPW - 20WR128 – Petition Addit (3.00) Harris County  
Water Control and Improvement District No. 84

Agenda Item#: 28.

### **Summary:**

**02019-462 ORDINANCE** consenting to the addition of 3.00 acres of land to **HARRIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 84**, for inclusion into its district

### **Background:**

**SUBJECT:** Petition for the City's consent to the addition of 3.00 acres to Harris County Water Control and Improvement District No. 84 (Key Map No. 458V).

**RECOMMENDATION:** Petition for the City's consent to the addition of 3.00 acres to Harris County Water Control and Improvement District No. 84 be approved.

**SPECIFIC EXPLANATION:** Harris County Water Control and Improvement District No. 84 (the "District") was created through TCEQ in 1963, and currently consists of 1195.2895 acres within Harris County. The District is within the extraterritorial jurisdiction of the City and has petitioned the City for consent to add 3.00 acres of undeveloped land, proposed to be developed as single family residential property, to the District. The proposed annexation tract is located in the vicinity of Bear Bayou Drive, Becker Street, Wood Drive, and the San Jacinto River. The addition of land to the district does not release it from the City's extraterritorial jurisdiction.

The Utility District Review Committee has evaluated the application with respect to wastewater collection and treatment, potable water distribution, storm water conveyance, and other public services. The District has a wastewater collection system and treatment facility. The annexation tract will be provided with wastewater treatment by Harris County Water Control & Improvement Development No. 84 Wastewater Treatment Plant. Potable water is provided by the District.

The nearest major drainage facility for the District is Sheldon Reservoir. The proposed annexation tract is not within the 100 or 500 year floodplain.

By executing the Petition for Consent, the District has acknowledged that all plans for the construction of water conveyance, wastewater collection, and storm water collection systems within the district must be approved by the City of Houston prior to their construction.

The Utility District Review Committee recommends that the subject petition be approved.

---

Carol Ellinger Haddock, P. E.

Director

Houston Public Works

**Contact Information:**

Sharon Citino, J.D.

Planning Director

Houston Water

Phone: (832) 395-2712

**ATTACHMENTS:****Description**

Signed Coversheet

Maps

**Type**

Signed Cover sheet

Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ETJ

Item Creation Date: 3/18/2019

HPW - 20WR128 – Petition Addit (3.00) Harris County Water Control and Improvement District No. 84

Agenda Item#:

### **Background:**

**SUBJECT:** Petition for the City's consent to the addition of 3.00 acres to Harris County Water Control and Improvement District No. 84 (Key Map No. 458V).

**RECOMMENDATION:** Petition for the City's consent to the addition of 3.00 acres to Harris County Water Control and Improvement District No. 84 be approved.

**SPECIFIC EXPLANATION:** Harris County Water Control and Improvement District No. 84 (the "District") was created through TCEQ in 1963, and currently consists of 1195.2895 acres within Harris County. The District is within the extraterritorial jurisdiction of the City and has petitioned the City for consent to add 3.00 acres of undeveloped land, proposed to be developed as single family residential property, to the District. The proposed annexation tract is located in the vicinity of Bear Bayou Drive, Becker Street, Wood Drive, and the San Jacinto River. The addition of land to the district does not release it from the City's extraterritorial jurisdiction.

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By executing the Petition for Consent, the District has acknowledged that all plans for the construction of water conveyance, wastewater collection, and storm water collection systems within the district must be approved by the City of Houston prior to their construction.

The Utility District Review Committee recommends that the subject petition be approved.

Carol Ellinger Haddock, P. E.  
Director  
Houston Public Works

### **Contact Information:**

Sharon Citino, J.D.  
Planning Director  
Houston Water  
Phone: (832) 395-2712

### **ATTACHMENTS:**

Description	Type
Maps	Backup Material
Application	Backup Material
Petition	Backup Material
Fact Sheet	Backup Material



BEING A PORTION OF LOT 120, OF RE-PLAT OF PART OF OLD RIVER ACRES SECTION ONE AND A PLAT OF OLD RIVER ACRES SECOND SECTION, AN ADDITION TO HARRIS COUNTY, TEXAS, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 16, PAGES 47 AND 48, MAP RECORDS, HARRIS COUNTY, TEXAS, BEING ALL THAT CERTAIN TRACT OF LAND DESCRIBED IN DEED TO PETER D. ROGERS, AS RECORDED IN INSTRUMENT NO. U064123 (DESCRIBED BY METES AND BOUNDS DESCRIPTION IN INSTRUMENT NO. G832799), DEED RECORDS, HARRIS COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

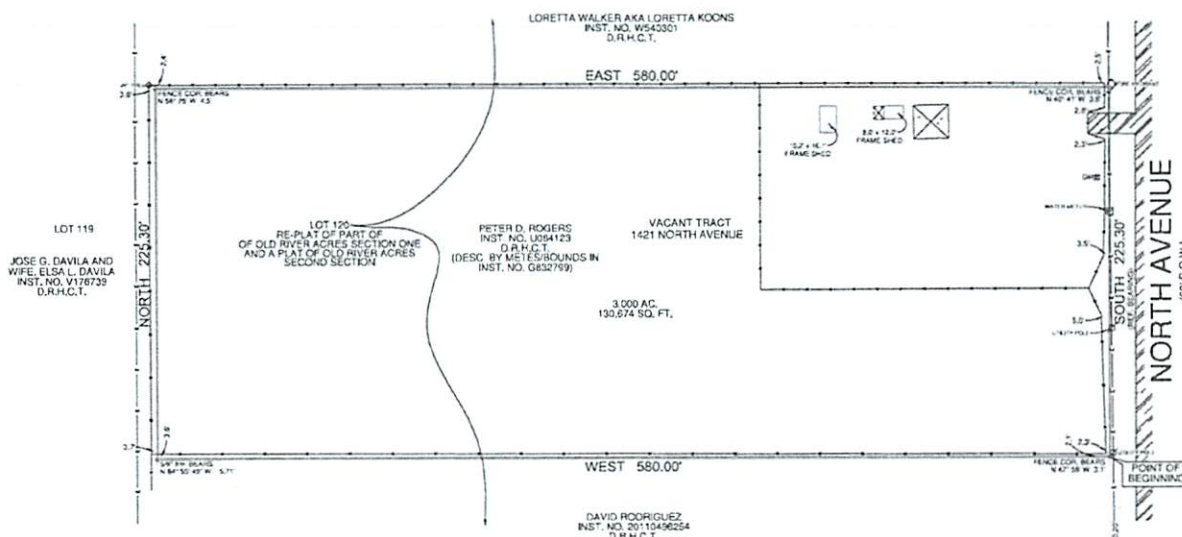
BEGINNING AT A POINT FROM WHICH A FENCE CORNER BEARS NORTH 47° 58' WEST - 3.1 FEET, SAID POINT BEING THE COMMON EAST CORNER OF SAID ROGERS TRACT AND THAT CERTAIN TRACT OF LAND DESCRIBED IN DEED TO DAVID RODRIGUEZ, AS RECORDED IN INSTRUMENT NO. 20110498254, SAID DEED RECORDS, AND BEING ON THE WEST LINE OF NORTH AVENUE (60 FOOT RIGHT-OF-WAY);

THENCE WEST, A DISTANCE OF 580.00 FEET ALONG THE COMMON LINE OF SAGE ROGERS AND RODRIGUEZ TRACTS, TO A POINT FROM WHICH A 5/8-INCH IRON ROD FOUND BEARS NORTH 84° 55' 45" WEST - 5.71 FEET, SAID POINT BEING THE COMMON WEST CORNER OF SAGE ROGERS AND RODRIGUEZ TRACTS, BEING ON THE EAST LINE OF LOT 119, AFORESAID RE-PLAT, AND BEING ON THE EAST LINE OF THAT CERTAIN TRACT OF LAND DESCRIBED IN DEED TO JOSE G. DAVILA AND WIFE, ELSA L. DAVILA, AS RECORDED IN INSTRUMENT NO. V176739, SAID DEED RECORDS;

THENCE NORTH, A DISTANCE OF 225.30 FEET ALONG THE COMMON LINE OF SAID ROGERS AND DAVILA TRACTS TO A POINT FROM WHICH A FENCE CORNER BEARS NORTH 58° 25' WEST - 4.5 FEET, SAID POINT BEING THE COMMON WEST CORNER OF SAID ROGERS TRACT AND THAT CERTAIN TRACT OF LAND DESCRIBED IN DEED TO LORETTA WALKER AKA LORETTA KOONS, AS RECORDED IN INSTRUMENT NO. W540301. SAID DEED RECORDS:

THENCE EAST, A DISTANCE OF 580.00 FEET ALONG THE COMMON LINE OF SAID ROGERS AND WALKER TRACTS TO A POINT FROM WHICH A FENCE CORNER BEARS NORTH 46° 41' WEST - 3.6 FEET, SAID POINT BEING THE COMMON EAST CORNER OF SAID ROGERS AND WALKER TRACTS, AND BEING ON THE AFORESAID WEST LINE OF NORTH AVENUE;

THENCE SOUTH, A DISTANCE OF 225.30 FEET ALONG SAID WEST LINE TO THE POINT OF BEGINNING AND CONTAINING 130,674 SQUARE FEET OR 3.000 ACRES OF LAND.



**FLOOD INFORMATION**  
THE SUBJECT PROPERTY DOES NOT APPEAR TO BE WITHIN THE LIMITS OF A 100-YEAR FLOOD HAZARD ZONE, ACCORDING TO THE MAP PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, AND WAS A ZONE "X" RATING AS SHOWN ON MAP NO. 60210CNO L, DATED JUNE 16, 2007.

**SURVAY DATA REPRESENTATION**

THIS IS TO CERTIFY THAT THE DATA IN A SURVEY WAS MADE ON THIS GROUNDED AND ENDORS BY SAID JURISDICTION AND TITLE OF A TRUE AND CORRECT REPRESENTATION OF THE CHINESE AND ENDORS OF FROM WITH LIFE AND LOCATION OF THE SURVEY OF MARRIAGES, THERE ARE VISIBLE AND APPROPRIATE EVIDENCES, CONFLICTS, IMPRESSIONS ON PHOTOGRAPHS, EXCEPT AS SHOWN, THIS SURVEY WILL BE USED FOR CONSTRUCTIVE PURPOSES AND IS FOR THE EXCLUSIVE USE OF THE HEREIN NAMED PERSONS, MARRIAGE DEPARTMENT, AND THE CHINESE CONSUL IN THE UNITED STATES OF AMERICA. THIS SURVEY WAS MADE BY THE NAME OF THE NUMBER SHOWN HEREIN PROVIDED BY THE TITLE COMPANY NAMED HEREON AND THAT THIS DATA, THE EVIDENCES, PHOTOGRAPHS, OR OTHER LOCAL MATTERS, IF RECORD THAT THE UNDERIGNED HAS KNOWLEDGE OF THIS BEING A TRUE AND AS SHOWN ON THE ENDORS HEREON, THIS SURVEY BE SUBJECT TO ANY AND ALL CHANGES THAT MAY BE MADE BY THE CHINESE CONSUL IN THE UNITED STATES OF AMERICA.

GENERAL NOTES

- [illegible]

1421 NORTH AVENUE  
CITY OF CHANNELVIEW  
HARRIS COUNTY, TEXAS

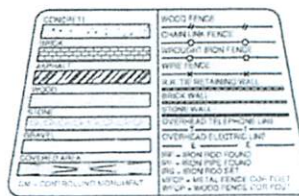
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BORROWER:  
ERIC FLORES

PREMIER JOB #: 16-02212

TECH: MSP	DATE: 04/04/16
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FIELD: DT	FIELD DATE: 03/31/16
-----------	----------------------

 Capital Title  
A Sun Life Company

Office: (415) 336-2121 Fax: (415) 336-2148 Direct: (415) 336-2149  
E-mail: [info@aggr.com](mailto:info@aggr.com)

Premier

5700 W. Plano Parkway  
Suite 2700  
Plano, Texas 75093  
Office: 972-612-3601  
Fax: 972-964-7021

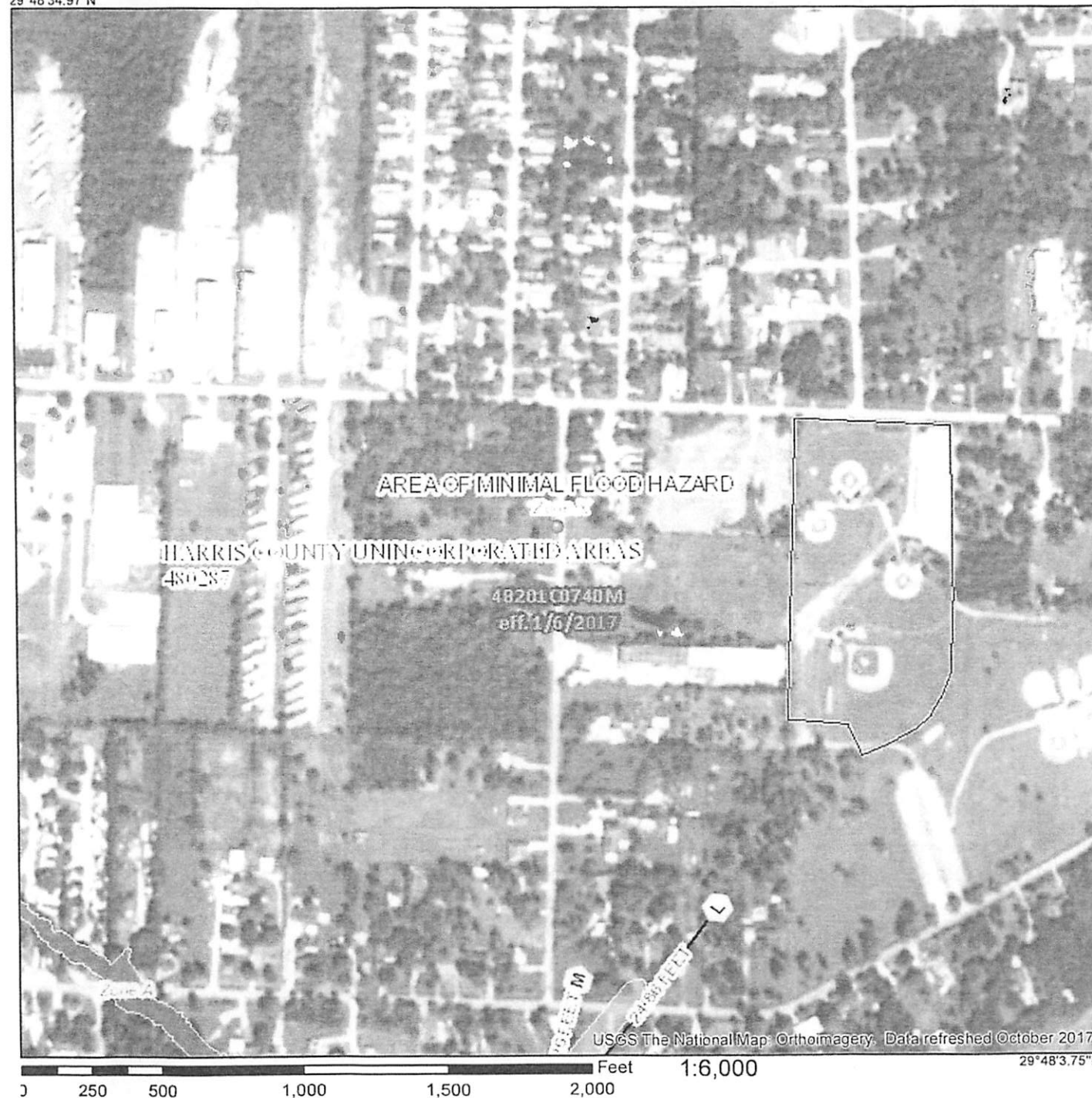


Robert T. Paul, Jr.  
Registered Professional Land Surveyor

# National Flood Hazard Layer FIRMette
























ATTACHMENT B  FEMA

29°48'34.97"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone X
OTHER AREAS		Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

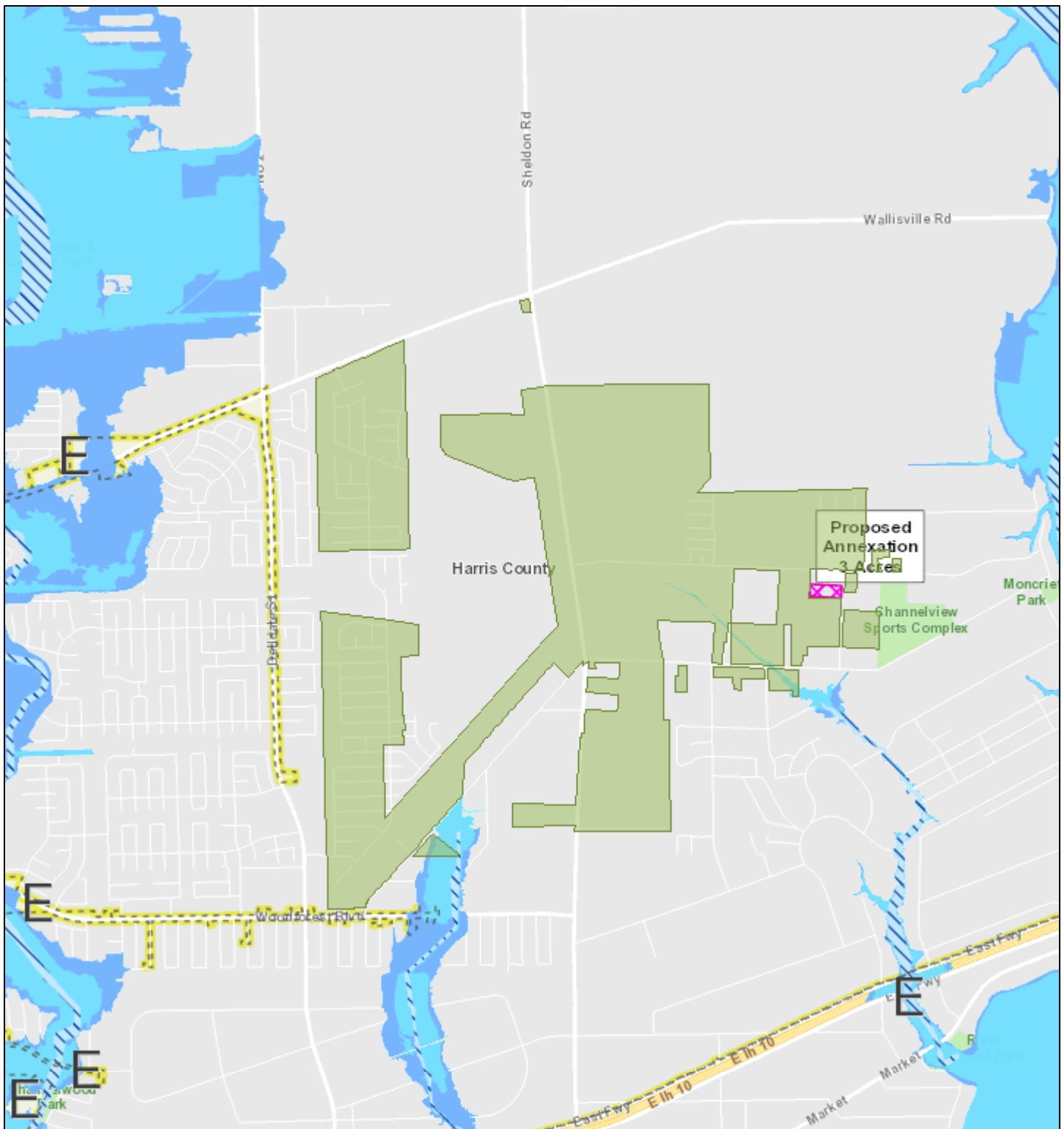
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/27/2018 at 11:04:01 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.







This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

# Harris County WC&ID No. 84 (3.00)




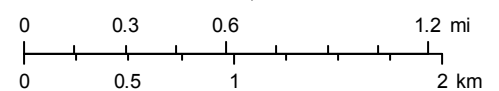
3/21/2019 10:22:15 AM

1:36,112

- |   |                              |   |                     |
|---|------------------------------|---|---------------------|
|   | Existing Acreage of District |  | 500 Year Floodplain |
|  | Proposed Annexation          |  | Floodway            |
|  | Council Districts            |  | City Limits         |

## Flood Zone

- |   |                     |
|---|---------------------|
|  | 100 Year Floodplain |
|---|---------------------|





## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

ALL

Item Creation Date: 5/24/2019

HPW - 20WR141 - 2019 Water Conservation and Drought  
Contingency Plans

Agenda Item#: 29.

### **Summary:**

**O2019-463** ORDINANCE approving Water Conservation Plan for municipal uses and an updated Drought Contingency Plan for the City of Houston; providing for severability

### **Background:**

**SUBJECT:** 2019 City of Houston Water Conservation Plan and 2019 City of Houston Drought Contingency Plan.

**RECOMMENDATION:** Adopt an ordinance approving the 2019 City of Houston Water Conservation Plan and 2019 City of Houston Drought Contingency Plan.

**SPECIFIC EXPLANATION:** The Texas Water Development Board ("TWDB") and the Texas Commission on Environmental Quality require utilities that provide treated water service to 3,300 or more connections to adopt a water conservation plan that meets the minimum requirements set forth in Title 30, Chapter 288 of the Texas Administrative Code, and to adopt an updated water conservation plan every five years. The 2019 City of Houston Water Conservation Plan (the "Water Conservation Plan") is the required five-year update to the 2014 City of Houston Water Conservation Plan. The Water Conservation Plan meets statutory requirements and describes Houston's water system and customer base, explains Houston's current conservation goals and targets, and discusses current and future programs to meet those goals and targets.

TWDB requires that the Water Conservation Plan include a copy of Houston's drought contingency plan that meets the requirements set forth in TWDB's Water Conservation Plan Guidance Checklist, Form TWDB-1968. The 2019 City of Houston Drought Contingency Plan (the "Drought Contingency Plan") meets those requirements and establishes the procedures Houston will follow in case of a water shortage emergency consistent with Chapter 47, Article VII of the City of Houston Code of Ordinances ("Water Shortages"). The Drought Contingency Plan has been updated to reflect its adoption in 2019 but contains no substantive revisions to Houston's current drought contingency plan, which was last adopted in 2014 and reflects lessons learned during the 2011 drought.

The Water Conservation Plan and the Drought Contingency Plan were presented to the Transportation, Technology, and Infrastructure Committee on May 2, 2019 and made available for public comment for a two-week survey period ending May 31, 2019.

---

Carol Ellinger Haddock, P. E.  
Director  
Houston Public Works

**Prior Council Action:**

(R)2016-0006; 2-24-2016

**Contact Information:**

Sharon Citino  
Planning Director  
Houston water  
Phone: (832) 395-2712

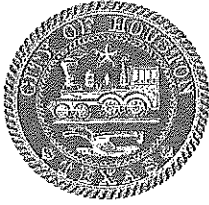
**ATTACHMENTS:**

**Description**

Signed Coversheet  
Water Conservation Plan 2019 (2)

**Type**

Signed Cover sheet  
Contract/Exhibit



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 5/24/2019

HPW - 20WR141 - 2019 Water Conservation and Drought Contingency Plans

Agenda Item#:

### **Background:**

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A handwritten signature in cursive script, reading "Carol Ellinger Haddock".

Carol Ellinger Haddock, P. E.  
Director  
Houston Public Works

### **Prior Council Action:**

(R)2016-0006; 2-24-2016

### **Contact Information:**

Sharon Citino  
Planning Director  
Houston water  
Phone: (832) 395-2712

### **ATTACHMENTS:**

Description	Type
Prior Council Action	Backup Material
Water Conservation Plan 2019	Backup Material



# HOUSTON PUBLIC WORKS

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## WATER CONSERVATION PLAN

Effective Jul 1, 2019 – Jun 30, 2024



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## INTRODUCTION

The Texas Water Development Board and the Texas Commission on Environmental Quality require utilities that provide treated water service to 3,300 or more connections to adopt a water conservation plan that meets the minimum requirements set forth in Title 30, Chapter 288 of the Texas Administrative Code, and to adopt an updated water conservation plan every five years. The 2019 City of Houston Water Conservation Plan (Plan) is the required five-year update to the 2014 City of Houston Water Conservation Plan and describes the City of Houston (Houston) water system and customer base, explains Houston's current conservation goals and targets, and discusses current and future programs to meet those goals and targets.

Houston provides water and wastewater service to its customers through the Houston Water service line of Houston Public Works. Houston Water strives to protect public health and the environment and provide superior customer service. Houston Water's goal is to provide all customers with drinking water that meets the State of Texas "superior" rating at pressures required to meet their daily needs. Houston is a large regional water supplier that provides both retail and wholesale service. Houston operates three water supply reservoirs, three water purification plants, 92 groundwater pumping stations, 142 ground water wells and over 7,000 linear miles of distribution pipeline across a four-county area consisting of more than 600 square miles, making Houston's water system one of the most complex water systems in the nation.

As of 2019, Houston provides treated water to approximately 2.4 million retail and wholesale customers and serves a total population of approximately 4.7 million. By 2070, this number is expected to reach 6.2 million.<sup>1</sup> To ensure that Houston can continue to provide treated water to this rapidly-growing region, customers must use water efficiently and conserve water when possible. The Texas Water Development Board emphasizes that water conservation is increasingly recognized as an integral part

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<sup>1</sup>[http://www2.twdb.texas.gov/ReportServerExt/Pages/ReportViewer.aspx?%2fProjections%2f2022+Reports%2fpop\\_County&rs:Command=Render](http://www2.twdb.texas.gov/ReportServerExt/Pages/ReportViewer.aspx?%2fProjections%2f2022+Reports%2fpop_County&rs:Command=Render)

of water resource planning and management and plays an important role in meeting current and future water supply, utility infrastructure, and environmental needs.<sup>2</sup>

The State Water Plan, which details how Texas will address our state's growing water needs, calls for serious statewide conservation efforts to meet a quarter of Texas' future water needs.<sup>3</sup> Region H, the fast growing, mainly urbanized region in which Houston is located, has specific conservation goals articulated in the region's plan. The 2016 Region H Water Conservation Plan calls for 9.6% of future additional supplies to be met through municipal conservation and 15.7% to be met through irrigation (agricultural) conservation.<sup>4</sup> In an effort to meet these aggressive goals, Houston has implemented, and will continue to develop, a wide range of water conservation programs to educate and engage customers about the importance of water and what they can do to protect and preserve this essential resource.

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<sup>2</sup><http://www.twdb.texas.gov/conservation/doc/StatewideWaterConservationQuantificationProject.pdf>

<sup>3</sup><http://www.twdb.texas.gov/waterplanning/swp/2017/doc/SWP17-Water-for-Texas.pdf>

<sup>4</sup>[http://regionhwater.org/Reg\\_H\\_2016\\_RWP\\_20151116.pdf](http://regionhwater.org/Reg_H_2016_RWP_20151116.pdf)

## **REQUIRED WATER CONSERVATION PLAN CONTENT**

### **A. Water System, Wastewater System, and Customer Use Characteristics**

*The water conservation plan must include evaluation of the water and wastewater system and customer use characteristics to identify water conservation opportunities and potential targets and goals. Completion of the Water Conservation Utility Profile, TWDB – 1965 as part of the evaluation is required and should be submitted with the Plan. The utility profile should include water sales and use for the following classifications: residential (both for single-family and multi-family), commercial, institutional, industrial, agricultural, and wholesale; as appropriate.*

#### **1. Houston Drinking Water System**

Houston is a regional water supplier. Houston operates three water supply reservoirs, three water purification plants, 142 groundwater wells, 49 groundwater plants, 8 re-pressurization plants, and over 7,000 linear miles of distribution pipeline across a four-county area consisting of more than 600 square miles, making Houston's water system one of the most complex water systems in the nation. Eighty-five percent of Houston's municipal water supply is derived from Houston's three water purification plants, which have a combined production capacity of up to 640 MGD. These plants are the Northeast Water Purification Plant (rated at 80 MGD), which is located at Lake Houston and serves the northern region of Houston's service area; the East Water Purification Plant (rated at 360 MGD), which is located east of I-610 and west of Greens Bayou and serves the central region of Houston's service area; and the Southeast Water Purification Plant (rated at 200 MGD), which is located north of Clear Lake and serves the southeastern region of Houston's service area. These plants meter all water produced and pressurize water at between 80 and 90 psi. The remaining 15% of Houston's municipal water supply is provided by 142 groundwater wells, which have a combined production capacity of up to 200 MGD. Three of the wells are permitted by

the Lone Star Groundwater Conservation District, two of the wells are permitted by the Fort Bend Subsidence District, and the remaining 137 wells are permitted by the Harris-Galveston Subsidence District.

In 2018, Houston produced a total of 169.5 billion gallons of treated water, averaging 464 MGD daily. Total usage, by both retail and wholesale customers, was 143 billion gallons, averaging 392 MGD daily. A small portion of the total water produced, 439 million gallons, was used by Houston's water system for routine maintenance activities, such as line flushing. Non-revenue water totaled 17% of the overall production.

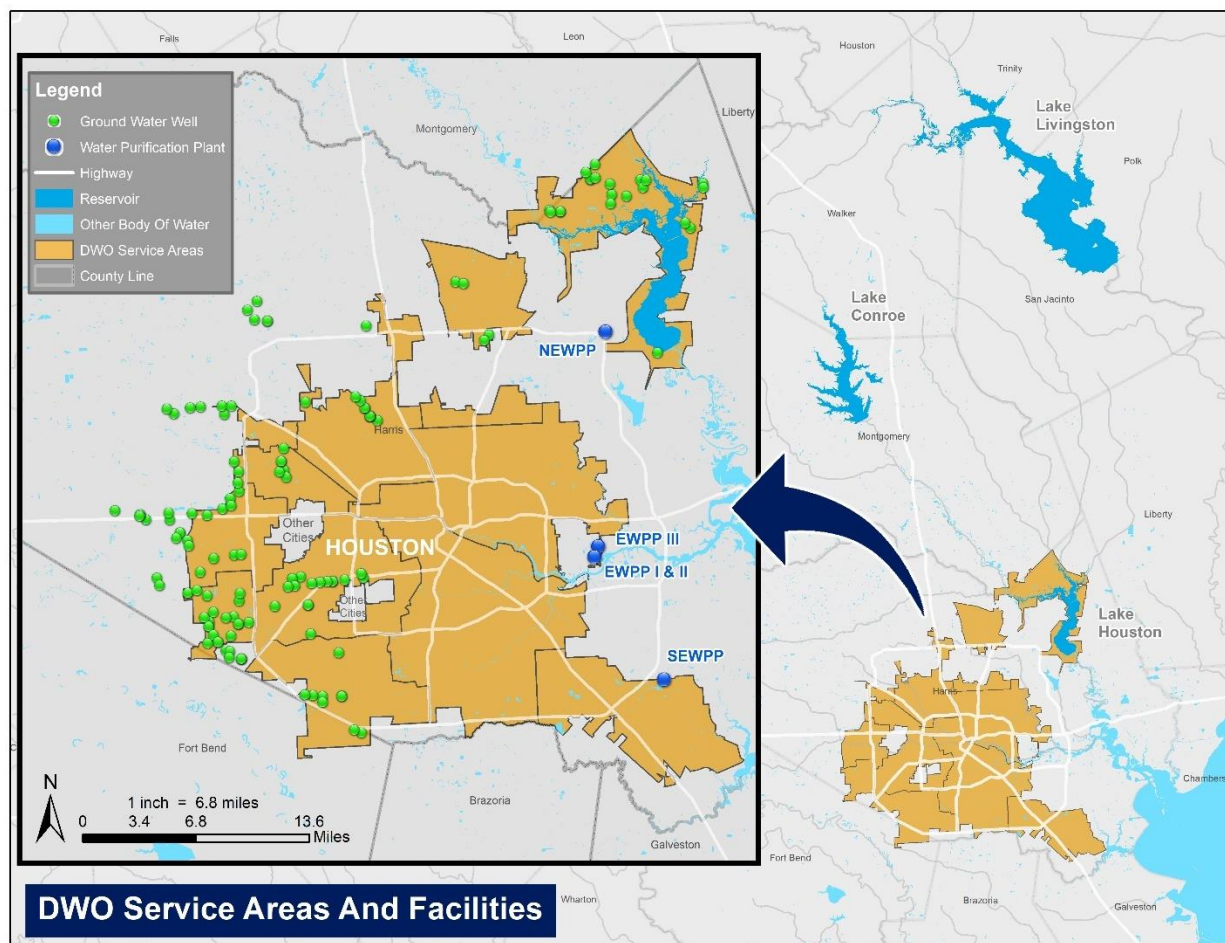


Figure 1. Map of Houston Water System Key Features.

## 2. Houston Wastewater System

Houston provides wastewater collection and treatment services to customers located inside Houston's service area. Houston also provides wastewater treatment services to municipal utility districts under contracts referred to as "wastewater subscriber agreements." Houston operates 39 wastewater treatment plants with a total permitted capacity of 564 MGD, 384 lift stations, and over 6,000 linear miles of collection pipeline. In 2018, Houston treated an average of 250 MGD of wastewater daily, which means there is capacity available to treat additional wastewater – and produce additional water for reuse.

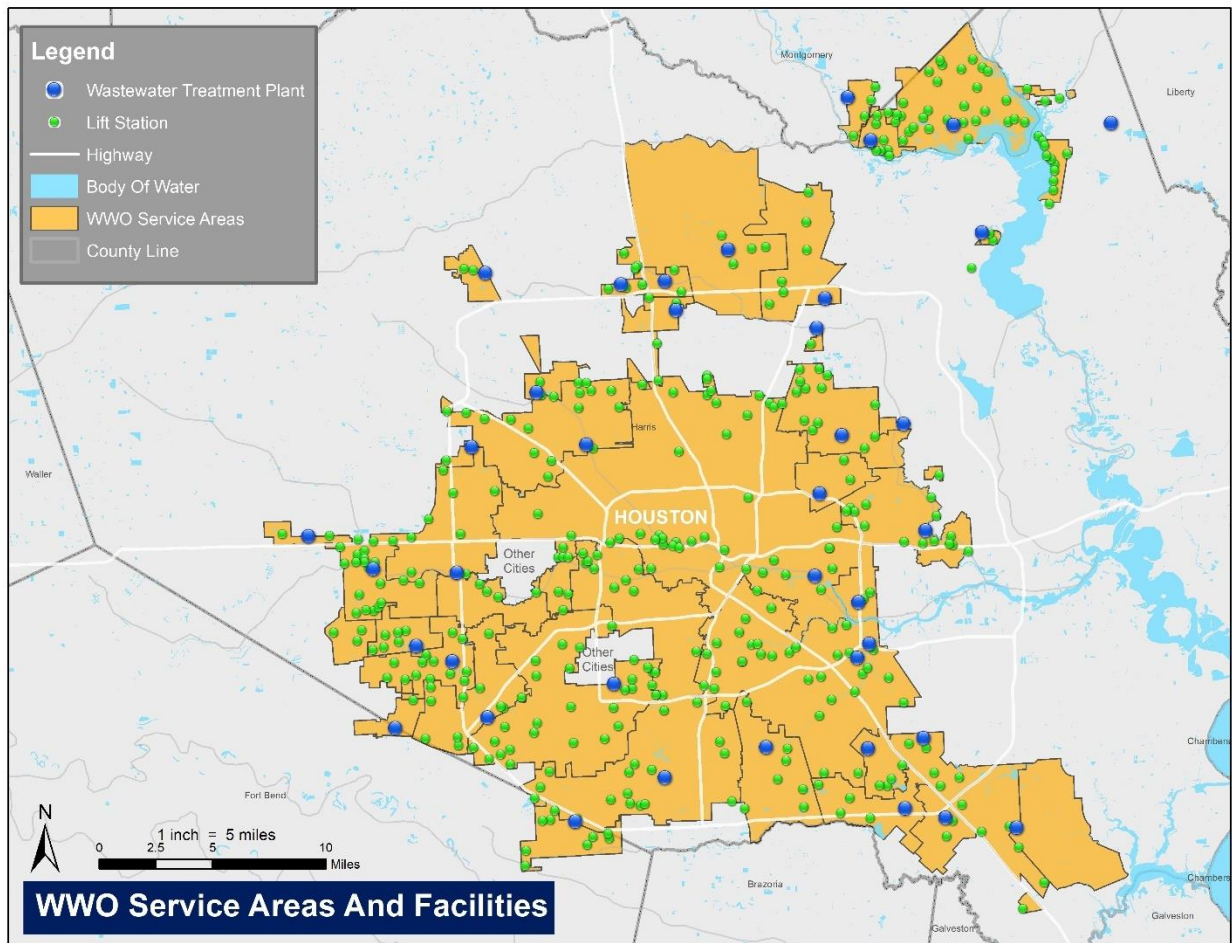


Figure 2. Map of Houston Wastewater System Key Features.

### 3. Houston Water Customer Use Characteristics

#### a. Wholesale Customers

Houston provides untreated, treated, and reclaimed water to wholesale customers by contract. As of 2019, Houston has 274 wholesale contracts, 68 of which are with cities, municipal utility districts, and regional water authorities for treated water service. In 2018, these treated water contract customers used a total of 53.7 billion gallons, averaging 147 MDG.

#### b. Retail Customers

As of 2019, Houston provides treated water to almost 480,000 retail customers within its municipal boundaries. In 2018, these customers used a total of 89.3 billion gallons, averaging 245 MGD. Retail usage is roughly divided in three equal parts between Single Family, Multi Family, and Industrial-Commercial-Institutional (ICI) customer classes.

Customer Class	Number of Connections	Total Annual Usage (in billion gallons)	Average MGD
Single Family	415,228	26.0	71.2
Multi Family	15,759	29.3	80.2
ICI	47,701	34.0	93.1
<b>TOTAL</b>	<b>478,688</b>	<b>89.3</b>	<b>244.5</b>

Table 1. Houston Retail Customer Usage by Customer Class, 2018

The remaining retail usage consists of irrigation meter accounts, use by City of Houston facilities, and other small-volume uses (emergency water, construction water, and unmetered esplanade irrigation).

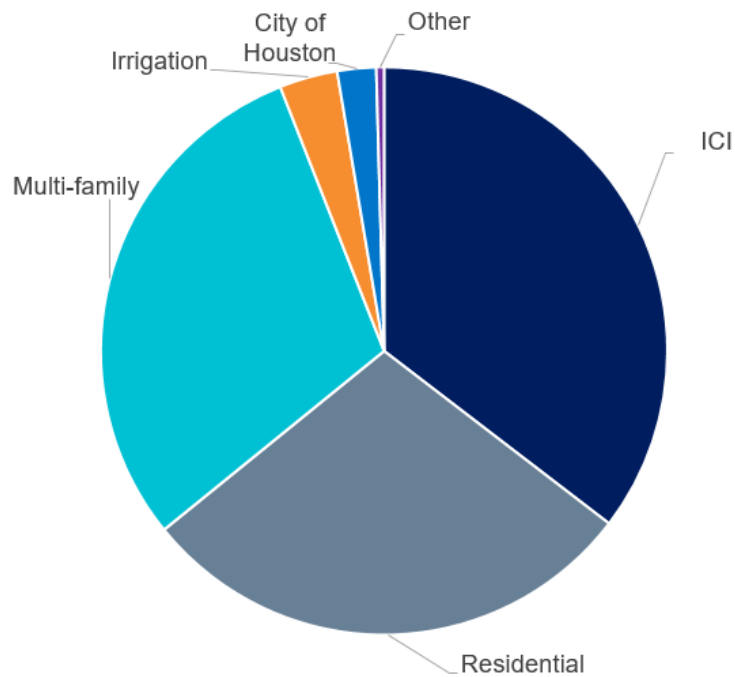


Figure 3. Houston Retail Customer Demand Shares, 2018

In 2018, the total gallons per capita per day (GPCD) among all retail classes was 136, with a five-year average (2014 – 2018) of 129. This GPCD is based on pumpage volumes and includes all water that leaves Houston’s water purification plants, including water loss. Evaluated separately, in 2018 the residential GPCD was 66, with a five-year average (2014 – 2018) of 62. The previous five-year average (2009 – 2013) was 68. This continues the downward trend seen over the last decade during which the residential GPCD has significantly decreased, reducing the total GPCD. Houston considers its five-year historic average of 129 to be healthy, as it falls well below the 140 total GPCD mark recommended by the 2004 Water Conservation Task Force Report<sup>5</sup> and is very close to the 125 total GPCD mark adopted by the Texas Living Waters Project in the 2016 Texas Water Conservation Scorecard.<sup>6</sup>

<sup>5</sup> [http://www.twdb.texas.gov/conservation/resources/doc/WCITF\\_Leg\\_Report.pdf](http://www.twdb.texas.gov/conservation/resources/doc/WCITF_Leg_Report.pdf)

<sup>6</sup> <http://www.texaswaterconservationscorecard.org/>

## **B. Five-Year and Ten-Year Water Savings Targets**

*The water conservation plan must include five-year and ten-year targets that are specific and quantified for water savings and include goals for water loss programs in gallons per capita per day, and goals for municipal use and residential use, in gallons per capita per day. A base use figure should be included to be able to calculate your savings. Consider state and regional targets and goals, local climate, and demographics. Consider the anticipated savings that can be achieved by utilizing appropriate best management practices and other conservation techniques.*

Houston's 2014 Water Conservation Plan stated a total GPCD baseline of 144, with the goal of reducing this number by 1.6% every five years, thereby establishing a total GPCD five-year target of 141.7 by 2019, and a ten-year target of 139.4 by 2024.

As of 2019, Houston's total GPCD (and new baseline) is 129, based on the five-year historical average. This exceeds both the five and ten-year targets and is lower than expected. While water efficient fixtures and increasing conservation and water awareness among Houston's customers can be credited for some of this reduction, Houston also experienced higher than average rainfalls during this same time. From 2014 to 2018, Houston averaged over 62 inches of rain – well above the 30-year annual average of 50 inches. During this same period, Houston's residential GPCD averaged 62. Although local climate may have played a role in this rapid reduction of Houston's total GPCD, Houston also experienced a net population growth of 95,109 people during the same time. Because of this, Houston will continue implementing a water reduction target of 1.6% every five years, which is also consistent with the water use reduction target adopted by the Region H Water Planning Group.

To reduce its total and residential GPCDs further, Houston must reduce its water loss. Based on the last five years' average, Houston's water loss is approximately 19%. Houston plans to reduce water loss by 1% every year with the long-term target of 10% or less of water loss. This goal is reasonable given Houston's water loss trends in the

last decade, and the target is consistent with the water loss target adopted by the Region H Water Planning Group in the 2016 Region H Water Conservation Plan.<sup>7</sup>

	Historic 5-year average	2019 Baseline	5-Year Reduction Goal	10-Year Reduction Goal
Total GPCD	129	129	127	125
Residential GPCD	62	62	61	60
Water Loss GPCD	24	24	23	22
Water Loss Percentage	19	19	18	17

Table 3. Five-Year and Ten-Year Targets for GPCD and Water Loss Reduction

## C. Implementation Plan

*The water conservation plan must include a schedule for implementing the plan to achieve the utility's targets and goals.*

Houston will continue, expand, and implement the following programs to achieve a 1.6% reduction in total GPCD and residential GPCD over the next five years.

### 1. Water Main Replacement Program

Aging water mains are a common problem and can lead to regulatory compliance issues, customer service issues, and water loss. Houston continues to invest in a comprehensive water main replacement program to address these issues. Work ranges from emergency repair or replacement of failing infrastructure to scheduled repair or replacement of aging infrastructure. The program relies on a water system needs assessment that considers each asset's design service life, by asset type, and the remaining service life of the asset since its installation, replacement, or last

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<sup>7</sup> [http://regionhwater.org/Reg\\_H\\_2016\\_RWP\\_20151116.pdf](http://regionhwater.org/Reg_H_2016_RWP_20151116.pdf)

rehabilitation date. For treated water distribution, pipe material is an important factor in determining service life. For example, based on Houston's experience with line breaks, small diameter asbestos-cement waterlines that were installed in the 1970s have a 40-year service life, whereas PVC waterlines have a 50-year service life.

Houston's water main replacement program is divided into two categories for purposes of capital improvement project programming: the water transmission system, and the water distribution system.

The water transmission system includes large diameter pipelines (16 inches and larger) and valves that move high volumes of treated water throughout Houston's service area, and large diameter pipelines that move untreated surface water to the three water purification plants. Houston's water transmission system has approximately 4.55 million linear feet of large diameter pipelines ranging from 16 inches to 120 inches in diameter. The water transmission system also includes seven major repump stations that repressurize the transmission system, and 156 storage tanks that provide water volume to meet average and peak day demands. Projects undertaken by Houston in the transmission system portion of the water main replacement program include the rehabilitation and replacement of large diameter water lines, valves, pumps, and storage tanks. Over the next five years, Houston plans to spend approximately \$890,000,000 on capital improvement projects for the water transmission system.

The water distribution system includes the small diameter pipelines (less than 16 inches) that deliver treated water to homes and businesses. The water distribution system also includes customer meters and the fire hydrants for fire protection. Houston's water distribution system has approximately 32.6 million linear feet (6,170 miles) of small diameter pipeline, approximately 460,000 water meters, and over 61,000 fire hydrants. Projects undertaken by Houston in the distribution system portion of the water main replacement program include repair and replacement of small diameter lines to help improve water quality fire and protection within neighborhoods. Over the next five years, Houston plans to spend approximately \$107,000,000 on capital improvement

projects for the water distribution system (referred to as the “Neighborhood Main Replacement Program”).

More information on Houston’s capital improvement program is available on Houston’s website at: <http://www.houstontx.gov/cip/>.

## **2. Water Loss Program**

Houston has implemented and continues to develop cost-effective strategies for reducing water loss. These include the following:

- Reducing water loss by using the Advanced Metering Infrastructure (AMI) network to detect leaks.
- Reducing water usage by City of Houston facilities other non-revenue users.
- Reducing water theft (e.g., disconnecting bypasses and direct connects).
- Expediting shutoff of water meters where there is no account owner.

In 2016, Houston engaged the consulting firm of Black & Veatch to conduct a water loss audit and develop a revenue enhancement strategy. Black & Veatch conducted a desktop water audit that analyzed water distribution system data for 2015 using the AWWA M36 standard methodology and conducted a field review that included staff interviews. Black & Veatch concluded that, in 2015, Houston lost approximately 111 gallons per connection per day, with approximately 87 gallons in real losses (due to infrastructure issues, such as leakage), and 24 gallons in apparent losses (due to metering and billing issues). These levels are within the range of losses reported and published by peer utilities.

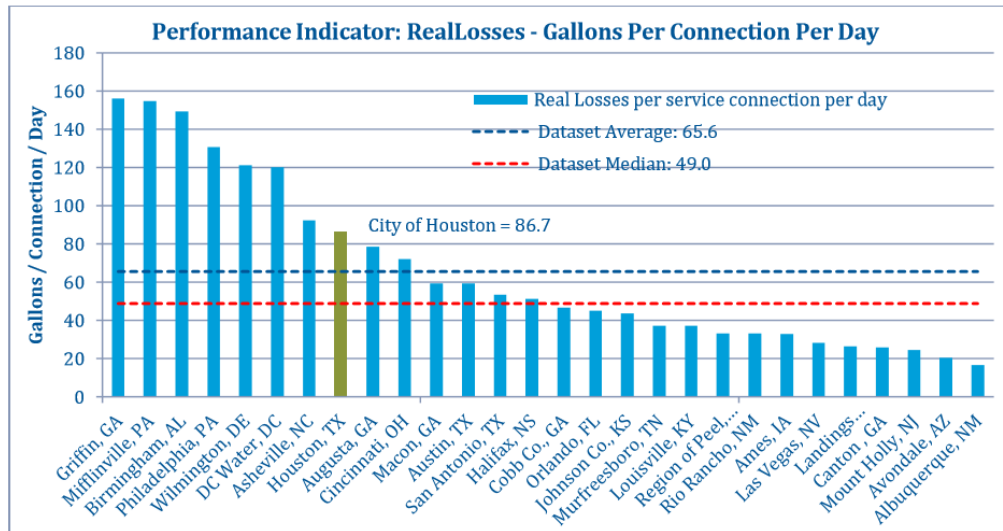


Figure 4. Real Losses: Houston and North American Benchmark Data (AWWA)

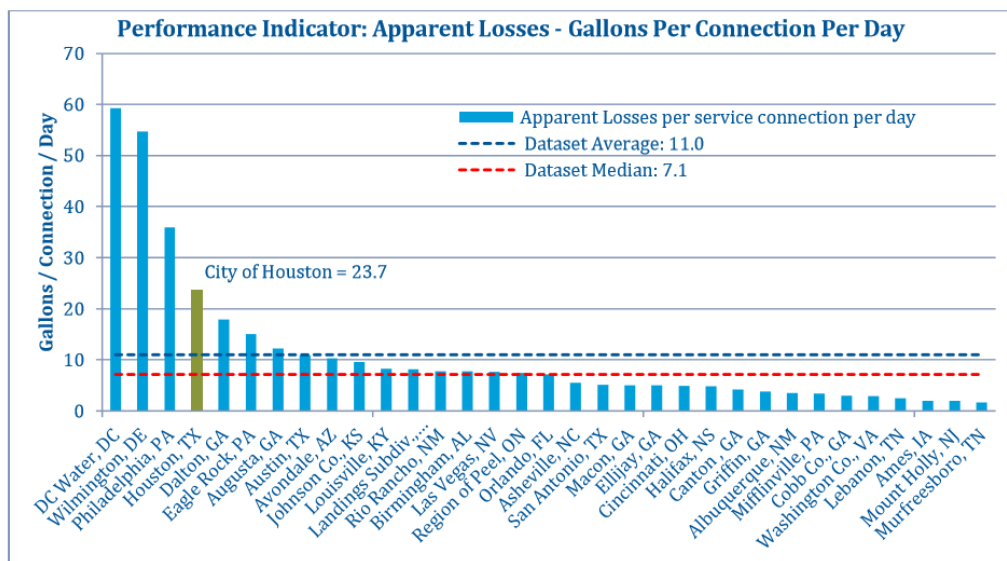


Figure 5. Apparent Losses: Houston and North American Benchmark Data (AWWA)

With the assistance of Black & Veatch, Houston identified ways to reduce non-revenue water through more accurate metering practices, improved record-keeping standards, and improved infrastructure. Houston has added dedicated staff to assist with data management and analysis, is undertaking an asset management project at key sites, and is investigating leak detection systems to be more proactive. Houston is also seeking to upgrade the existing AMI network, discussed below.

### **3. Consumption Awareness Program**

Houston measures water consumption through an automated system that transmits water usage data via radio waves, also referred to as the AMI network. An attachment on the water meter sends a wireless signal that is picked up by one of the collecting devices located throughout the city, most often on utility poles. This information is transmitted to a central computer where the data can be accessed by Houston staff to generate alerts and create bills.

Using the AMI network, Houston developed the Consumption Awareness Program to provide customers with real-time usage information across multiple communication platforms. The Consumption Awareness Program allows customers to access their water consumption daily and to set alarms for high water usage and leak alerts. Customers can use the Consumption Awareness Program to identify uses and leaks that may result in water waste and bill increases, and to address those issues in real-time.

As of 2019, Houston has completed the first phase of Consumption Awareness Program implementation, which included the following activities:

- Converting 45% of retail customers to the AMI network as of February 2019.
- Creating a web portal for single family residential customers to access real-time water usage.
- Sending out more than 10,000 alerts since April 2018.
- Registering with the program a total of 14,254 accounts, 13,552 of which are single family residential.

Houston is now undertaking the second phase of implementation, which will include the following activities:

- Developing a web portal for multi-family and non-residential retail customers.
- Developing and implementing an information dissemination campaign to increase retail customer participation to 80%.
- Developing a more informative and user-friendly web portal for single family residential customers.

The second phase of the Consumption Awareness Program is currently tied to the strategic replacement of Houston's more than 20-year old Automatic Meter Reading (AMR) system with an AMI network (See AMI Network section below).

More information on the Consumption Awareness Program is attached at Appendix B and on Houston's website at: <https://www.houstonwaterbills.houstontx.gov>.

#### **4. AMI Network**

Ideally, Houston would read all retail customer meters by use of the AMI network. This would allow for more frequent readings (every 15 minutes) to assist Houston staff and customers with identifying usage trends in real time as compared to other meter reading methods (e.g., every month for billing purposes). Unfortunately, the AMI network capacity has been declining over the last five years, primarily due to aging infrastructure and lack of resources. As of 2019, the AMI network reads between 45 – 50% of all retail meters throughout the city.

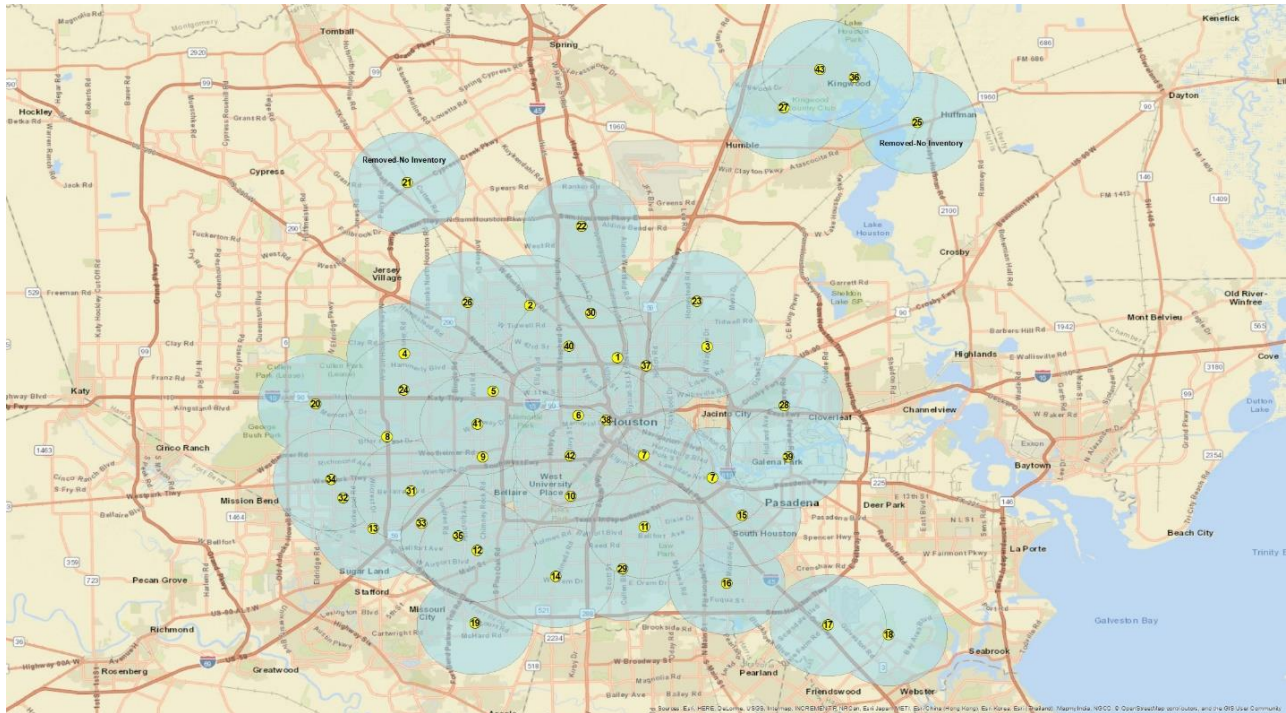


Figure 6. Current AMI Network Coverage 2019

Of the meters that cannot be read by use of the AMI network, roughly 90% are read by vehicle-mounted automated meter reading equipment and 10% are read manually.

Houston is currently planning to replace more than 95% of the existing automated meter reading system. As of today, the budget for replacement of the system is estimated at \$50 million. The implementation of the AMI meter replacement project will phase in over 10-years and is tentatively scheduled to begin in late 2020. The replacement project will also include funding for establishing interconnectivity with Houston's current web portal, thereby facilitating utilization by all customers (residential multifamily, non-residential, etc.).

The AMI infrastructure will also provide the City and its customers with enhanced ability to monitor near real time water usage, forecast water consumption, and identify leaks earlier. Marketing of the conservation tools will be strategically aligned to coincide with

implementation of the AMI system. The marketing will be performed through direct mail, online advertisements, and social media posts from the City of Houston.

## **5. Mainline Leak Detection Program**

Houston plans to enhance its mainline leak detection program using the AMI network. Future applications are under development with manufacturers. Functionalities will include pressure sensing, hydrant flow monitoring, and water quality sensing, among others. The key to long-term viability of this plan is interoperable end-point functionality and open architecture protocols.

## **6. Water Wise Building Standards**

In 2011, Houston revised its plumbing and building codes. These revisions contributed to a gradual reduction in Houston's residential GPCD from a five-year average (2009 – 2013) of 68 to a five-year average (2014 – 2018) of 62, despite a net population increase of 95,109 people during this same period. Houston also added a section on low impact development to Houston's Infrastructure Design Manual. Low impact development can reduce the amount of treated water used for irrigation by utilizing stored rainwater and slowing runoff through use of green storm water infrastructure improvements. Houston will continue to rigorously enforce its plumbing and building codes and encourage the use of low impact development practices.

A copy of Houston's plumbing and building codes is available on Houston's website at: <https://www.houstonpermittingcenter.org/building-code-enforcement.html>.

A copy of Houston's Infrastructure Design Manual is available on Houston's website at: [https://edocs.publicworks.houstontx.gov/documents/design\\_manuals/idm.pdf](https://edocs.publicworks.houstontx.gov/documents/design_manuals/idm.pdf).

In 2015, Houston adopted Resolution No. 2004-15 establishing the U.S. Green Building Council's LEED (Leadership in Energy and Environmental Design) Green Building Rating System™ as a standard for new or replacement city-owned facilities and for

major renovation of city-owned buildings and facilities with over 10,000 square feet of occupied space. LEED™ provides a complete framework for assessing building performance and meeting sustainability goals. Based on well-founded scientific standards, LEED™ emphasizes state of the art strategies for various energy and environmental aspects of a building, including water savings.

An example of past, present and future LEED™ projects for city owned facilities can be found at <https://www.houstontx.gov/generalservices/leed.html>.

More information about the LEED™ standard is available on Houston's website at: <https://www.houstontx.gov/generalservices/leed.html>.

## **7. Houston PACE Program**

Houston's Property Assessed Clean Energy (PACE) program is a proven financial tool that incentivizes Houston's commercial, industrial, and multifamily property owners to upgrade facility infrastructure with little or no capital outlay. The PACE program enables owners to lower their operating costs and use the savings to pay for eligible water conservation, energy efficiency, resiliency, and distributed generation projects. Owners gain access to private, affordable, long-term (typically 10-20 years) financing that is not available through traditional funding avenues.

The State of Texas authorized municipal and county PACE programs in 2013. Houston City Council adopted an ordinance establishing Houston's PACE program on November 4, 2015. To learn more about Houston's PACE program and cases to date, please visit <https://www.texaspaceauthority.org/houston-pace/>.

## **D. Method for Tracking Plan Implementation and Effectiveness**

*The water conservation plan must include a method for tracking the implementation and effectiveness of the plan. The method should track annual water use and*

*provide information sufficient to evaluate the implementation of conservation measures. The plan should measure progress annually and evaluate the progress towards meeting the goals.*

## **1. Water Conservation Annual Report, Water Loss Audit Annual Report, Utility Benchmarking Tool**

Historically, Houston has tracked the implementation and effectiveness of this Plan through the Water Conservation Annual Report and the Water Loss Audit Report, which are submitted to the Texas Water Development Board every year. In 2019, Houston began using the American Water Works Association Utility Benchmarking Tool as an additional tracking method. The Utility Benchmarking Tool tracks utility performance data and calculates performance indicators in areas such as organizational development, business operations, customer service, and water and wastewater operations. Per the American Water Works Association, these indicators are designed to help utilities improve their operational and managerial effectiveness. Benchmarking utility performance indicators will allow Houston to track its performance and compare its results to peers to identify areas for improvement.

## **2. Water Conservation Division**

In 2019, Houston established a Water Conservation Division with Houston Water. This new division is directed by a Water Conservation Manager, who is responsible for implementing this Plan and developing programming that produces measurable outputs to help Houston reach its GPCD and water loss five-year and ten-year targets. In addition, the Water Conservation Manager is responsible for implementing Houston's Drought Contingency Plan, managing Houston Water's education and outreach team, working with drinking water operations staff to improve Houston's Water Loss Program, and coordinating efficiency efforts with other Houston city departments, such as the Houston Sustainability Office.

### **3. Dashboard Software Platform**

Houston is negotiating a contract to pilot conservation software developed by a third-party vendor. This software platform will allow Houston and its wholesale customers to visualize and quantify the impacts of specific conservation and efficiency programming on retail and wholesale customer consumption behavior. With this information, Houston and its wholesale customers can make informed decisions regarding what programming to invest in, and more easily communicate the value of these programs to their ratepayers and elected officials. This comprehensive approach to conservation is critical to a large regional water supplier like Houston, which will be evaluating the software platform for the following benefits:

- Creation of a single data and communication hub for information on conservation activities throughout the retail and wholesale system.
- Regional reduction of peak-day, peak-season, and long-term demand on Houston's water system using highly advanced conservation analytics.
- Avoidance of transmission, treatment, distribution, and wastewater costs due to coordinated conservation programming across the retail and wholesale system.
- Deferment of plant expansion costs due to coordinated conservation programming across the retail and wholesale system.

Houston plans to license this software platform for up to three years beginning in 2019.

### **E. Master Meter**

*The water conservation plan must include a master meter to measure and account for the amount of water diverted from the source of supply.*

Houston relies on several sources of water for its water supply: two surface water reservoirs in the San Jacinto River basin, Lake Houston and Lake Conroe; one surface water reservoir in the Trinity River basin, Lake Livingston; 142 groundwater wells; and wastewater effluent reuse. All water leaving Lake Houston and flowing into Houston's Northeast Water Purification Plant is measured and accounted for through an inflow meter. Houston's water stored in Lake Conroe is measured and accounted for by the San Jacinto River Authority, which manages Lake Conroe for the benefit of Houston pursuant to an operating agreement. Likewise, Houston's water stored in Lake Livingston is measured and accounted for by the Trinity River Authority, which manages Lake Livingston for the benefit of Houston pursuant to an operating agreement. All groundwater wells operated by Houston are metered. Any treated wastewater effluent sold to contract customers for reuse is metered at the customer's point of delivery.

## **F. Universal Metering and Meter Testing**

*The water conservation plan must include a program of universal metering of both customer and public uses of water, for meter testing, repair and for periodic replacement.*

Section 47-4 of the City of Houston Code of Ordinances requires all water furnished and delivered through the Houston water distribution system to be metered. Meters must be maintained at an accuracy rate of 98-102% in accordance with the American Water Works Association benchmark.

In 2000, Houston began replacing small meters (5/8-inch to 2-inch meters) throughout the water distribution system. Houston monitors the accuracy and performance of small meters by analyzing data gathered through meter testing (performance-driven and through an annual sampling program) and reviewing consumption at various flow ranges to understand whether accuracy is affected by volume of water consumed within each range. Based on this information, small meters are mapped for replacement.

For large meters (3-inch meters and larger), Houston has a preventive maintenance program that schedules meter testing and calibration based on meter type and the volume of water that passes through the meter. Large meters are replaced as needed based on maintenance costs and manufacturer standards.

## **G. Measures to Determine and Control Water Loss**

*The water conservation plan must include measures to determine and control water loss (for example, periodic visual inspections along distribution lines; annual or monthly audit of the water system to determine illegal connections, abandoned services, etc.).*

Houston uses a system of data analytics (run daily and monthly) coupled with field inspections to identify and control water loss and potential theft or water waste. In addition, Houston provides citizens with a direct telephone line to report perceived water theft or waste and enforces its ordinances prohibiting water theft and waste as necessary.

## **H. Water Loss Program**

*The water conservation plan must include a continuous program of leak detection, repair, and water loss accounting for the transmission, delivery, and distribution system in order to control water loss.*

Houston has developed a data network based on meter readings that delivers a more robust Supervisory Control and Data Acquisition (“SCADA”) view of the entire water distribution system. This data network was piloted in Houston’s wastewater system to monitor for sanitary sewer overflows and has since been used to detect water main leaks in Houston’s water system. Additional applications of the data network are being developed, including pressure sensing, hydrant flow monitoring, and water quality

sensing. The key to the success of this data network is interoperable end-point functionality and open architecture protocols. Houston is working with the American Water Works Association Research Foundation to develop industry specifications involving these data networks to ensure these features.

In addition, Houston is assisting with efforts to standardize water loss reporting to ensure that what is reported as water loss is consistent across municipal and wholesale providers throughout the State of Texas. Houston is reviewing how water is accounted for in uses such as community fire response, dead end line flushing, new line flushing, and general city uses, and has an active transient program that monitors uses by contractors.

## **I. Education and Information Programs**

*The water conservation plan must include a program of continuing education and information regarding water conservation. This should include providing water conservation information directly to each residential, industrial, and commercial customer at least annually, and providing water conservation literature to new customer when they apply for service.*

### **1. Consumption Awareness Program**

For customers to reduce their water use long term, they first need to understand how they use water. Houston developed the Consumption Awareness Program to provide customers with access to real-time usage information across multiple communication platforms. The Consumption Awareness Program helps customers see how they're using water, identify ways to save water (and money), and find leaks and stop water waste faster.

The Consumption Awareness Program communicates with customers through the Internet, email, text, and phone. Customers can access account billing information

(such as current balance, due date, last payment received, and projected next bill) as well as usage information (such as current usage, meter read date, what they paid for their usage, and neighborhood average usage). Hourly and daily usage data is available for 60 days, and monthly usage data is available for up to 18 months. In addition, customers can set alerts, including leak alerts, and choose how to be alerted: by email, text, or phone call.

More information on the Consumption Awareness Program and a description of the dashboard is attached at Appendix B.

## **2. Water Education and Outreach Team**

Houston maintains a dedicated staff for water education and outreach programs within the Water Conservation Division of Houston Water. This education and outreach team is responsible for staffing the WaterWorks Education Center, presenting the annual WaterWorks Festival, and providing Project WET educator training and school and community outreach programs that support Houston's conservation goals.

## **3. WaterWorks Education Center**

Opened in 2010, the WaterWorks Education Center hosts numerous school field trips and tours. Located near the shores of Lake Houston at the City of Houston's Northeast Water Purification Plant, the WaterWorks Education Center is a one-of-a-kind water destination whose mission is to promote water education, conservation and stewardship. The City of Houston's WaterWorks Education Center welcomes all educational groups to explore the wonders of water during a field trip designed to immerse them with a sense of wonderment and discovery about one of earth's most precious resources. The Center offers visitors an innovative environment for creative learning with interactive exhibits, demonstrations and tour. Visitors are not only able to tour the Education Center but also learn from experts, and education activities and take home flyers, activity books and general information regarding water conservation and

education. The WaterWorks Education Center has had over 31,000 visitors from 2014 to 2018 and over 55,000 visitors since its inception.

Early Childhood	Elementary School	Middle School	High School	Higher Education	Adults	Total
2,302	19,600	1,399	1,688	365	5,689	<b>31,043</b>

Table 6. WaterWorks Education Center Attendance from 2014 to 2018.

More information is available on Houston's website at:  
<https://www.publicworks.houstontx.gov/waterworks>.

#### **4. Annual WaterWorks Festival**

For 25 years, Houston has hosted this annual event to showcase Houston's water conservation message. The event is geared toward school-aged children and young adults and has more than 50 sponsors and exhibitors reflecting a variety of careers in the public and private water and wastewater sectors. The event educates the community regarding Houston's high-quality drinking water, drinking water supply and wastewater treatment systems, water conservation and efficiency initiatives. Over the last five years, 9,247 elementary students and 1,217 adults attended this event.

#### **5. Project WET**

The WaterWorks Education Center is a host institution for Project WET (Water Education for Teachers), a curriculum taught in 8-hour workshops to help educators teach all grade levels on diverse water-related topics with objective, experiential, science-based water education. Project WET is a world leader in developing interdisciplinary, hands-on activities that integrate knowledge of water resources and issues into K-12 classrooms using simulations and critical thinking skills at the core of Next Generation Science Standards.

As a host institution, the WaterWorks Education Center has certified over 300 educators on Project WET.

## **6. School and Community Outreach Program**

Houston Water's education and outreach team gives presentations to Houston area students throughout the school year. The team is available to present to all grade levels, in individual classrooms or assemblies, and tailors its message to include age appropriate activities and content. Educators can request a topic and activity from a wide variety of content from the Project WET curriculum. Students can participate in hands-on activities that support the *Texas Essential Knowledge and Skills* standards. On average, the education and outreach team gives presentations at more than 25 schools and school-related events each year.

## **7. Community Rain Barrel Sale**

For several years now, Houston has offered a biannual rain barrel sale with rain barrels at a discounted rate. The goal of this program is to provide area residents (especially gardeners) with efficient tools to collect rainwater throughout the year, particularly during heavy rainfall events, so that they can conserve water (and money) during drier times. More than 2,000 rain barrels have been sold to date through the Green Building Resource Center (GBRC). Houston Water and GBRC are planning to join efforts to further expand and promote this event to make it more successful every year. For more information please visit <http://greenhoustontx.gov/compostbinssale.html>.

## **8. Native Plants Propagation Program**

The Houston Parks and Recreation Department's (HPARD) Natural Resources Management Program began its native plant propagation program in May 2016 to produce locally-collected native grasses and wildflowers for installation into Houston's prairie restoration sites. Seeds are hand-collected from remnant and restored prairies

around the Houston area and propagated by staff and volunteers in Houston's greenhouse. After one to two years of growing, the plants are installed in one of HPARD's five prairie restoration sites throughout the city during community volunteer events. The program currently produces over 10,000 one-gallon pots per year of over 90 different species that are available for use in habitat restoration projects.

## **9. Native Plants Annual Sale**

Since 2019, HPARD has partnered with the Houston Arboretum and Houston Audubon to offer an annual Spring native plant sale. Most plants available at nurseries are not native to the Houston area. The annual plant sale gives citizens the opportunity to purchase native plants that are adapted to the region's climate, which means they can tolerate Houston's weather extremes that can range from prolonged periods of heavy rainfall to dry spells. In addition, many of these plants attract birds, butterflies, bees, and other pollinators. The sale includes native grasses, shrubs, trees, and flowers (including milkweed). For more information visit <https://houstonarboretum.org/events/>.

## **10. Gulf Coast Water Conservation Symposium**

Houston is an active participant in the annual Gulf Coast Water Conservation Symposium, a one-day regional event that presents information to water utilities and customers about water conservation legislation, planning, education, smart conservation investment, implementation strategies, and industry best practices. Houston Water employees serve on the Symposium's Steering Committee, help plan the Symposium, and help raise awareness of the event.

In 2019, the Symposium was titled "Water Efficient Future: Planning, Tools & Best Practices" and focused on new and improved tools currently available to water utilities to meet their water conservation goals. The Symposium also featured case studies that highlighted planning, redevelopment, and water conservation implementation efforts from cities large to small.

## **J. Water Rate Structure**

*The water conservation plan must include a water rate structure which is not “promotional,” i.e., a rate structure which is cost-based and which does not encourage the excessive use of water. Include a copy of the rate structure.*

Houston’s water rate structure is cost-based and is not promotional. Water rates are based on an inclining block structure, and wastewater rates are based on total water use. Houston’s objectives in rate structure design are that rates be based on the costs to serve, provide adequate and stable revenues, be equitable across customer classes and volume users, and be easy to implement and administer. Houston performs a cost-of-service study every ten years, and a study is underway in 2019.

A copy of Houston’s current rates is attached at Appendix C. Current rates for 2019 and beyond are published on Houston’s website at [https://cohweb.houstontx.gov/FIN\\_FeeSchedule/default.aspx](https://cohweb.houstontx.gov/FIN_FeeSchedule/default.aspx).

## **K. Implementation and Enforcement**

*The water conservation plan must include a means of implementation and enforcement, evidenced by adoption of the plan: (1) a copy of the ordinance, resolution, or tariff indicating official adoption of the water conservation plan by the utility; and (2) a description of the authority by which the utility will implement and enforce the conservation plan.*

A copy of the Houston City Council ordinance adopting this Plan is attached at Appendix D.

Houston implements and enforces the regulatory aspects of this Plan through existing codes and ordinances. These include:

- Building and Plumbing Codes: [www.houstonpermittingcenter.org/code-enforcement](http://www.houstonpermittingcenter.org/code-enforcement)
- Chapter 47 – Water and Sewers, of the City of Houston Code of Ordinances: <http://www.houstontx.gov/codes/index.html>
- LEED Certification of City of Houston owned facilities (Resolution No. 2004-15): <http://www.usgbc.org/Docs/Archive/General/Docs1981.pdf>

## **L. Contract Customer Requirements**

*If the utility will utilize a project financed by the TWDB to furnish water or wastewater services to another supplying entity that in turn will furnish the water or wastewater services to the ultimate consumer, the requirements for the water conservation plan also pertain to these supplier entities. To comply with this requirement the utility shall: (1) submit its own water conservation plan; (2) submit the other entity's (or entities') water conservation plan; (3) require, by contract, that the other entity (or entities) adopt a water conservation plan that conforms to the TWDB's requirement and submit it to the TWDB. If the requirement is to be included in an existing water or wastewater service contract, it may be included, at the earliest of the renewal or substantial amendment of the contract, or by other appropriate measures.*

All water supply contracts entered into after this Plan was first adopted require the customer (and its customers, if the entity is a wholesale provider) to adopt and implement a water conservation plan meeting the requirements of state law and that is at least as stringent as this Plan.

## **M. Region H Notification**

*The water conservation plan must include documentation that the regional water planning group for the service area of the utility has been notified of the utility's water conservation plan.*

A copy of Houston's letter notifying Region H of Houston's 2019 Water Conservation Plan is attached at Appendix E.

## **N. Drought Contingency Plan**

*The water conservation plan must include a copy of the utility's drought conservation plan that meets the requirements of the TWDB's Water Conservation Plan Guidance Checklist, Form TWDB-1968 (Rev. 1/08/2013).*

A copy of Houston's 2019 Drought Contingency Plan is attached at Appendix F.

## **O. Adoption**

*The water conservation plan must be formally adopted by the governing body of the entity. For a municipal water system, adoption would be by the city council as an ordinance, or a resolution by the utility's board of directors.*

A copy of the Houston City Council ordinance adopting this Plan is attached at Appendix D.

## **P. Reporting Requirement**

*The water conservation plan must identify who will be responsible for preparing the annual report on the utility profile form TWDB-1965. Loan/grant recipients must maintain an approved water conservation program in effect until all financial obligations to the state have been discharged and shall report annually to the executive administrator of the TWDB on the progress in implementing each of the minimum requirements in its water conservation plan and the status of any of its customers' water conservation plan required by contract. The content and format for the annual reporting is included in the forms: Water Conservation Plan Annual Report; TWDB-1966 for retail water suppliers; TWDB-1967 for non-water suppliers; and TWDB-1969 for wholesale water suppliers.*

Houston Water, through its Water Conservation Manager, will be responsible for preparing the Water Conservation Plan Annual Report, TWDB-1966 for retail water suppliers and TWDB 1969 for wholesale water supplies.

## **Appendix A**

### **Water Utility Profile**

A copy of the 2019 Utility Profile and Water Conservation Requirements for Municipal Water Use by Retail and Wholesale Public Water Suppliers, required by Texas Commission on Environmental Quality, is enclosed.



## 563 Texas Commission on Environmental Quality

Water Availability Division

MC-160, P.O. Box 13087 Austin, Texas 78711-3087

Telephone (512) 239-4691, FAX (512) 239-2214

### Utility Profile and Water Conservation Plan Requirements for Wholesale Public Water Suppliers

This form is provided to assist wholesale public water suppliers in water conservation plan development. If you need assistance in completing this form or in developing your plan, please contact the Conservation staff of the Resource Protection Team in the Water Availability Division at (512) 239-4691.

*Water users can find best management practices (BMPs) at the Texas Water Development Board's website <http://www.twdb.texas.gov/conservation/BMPs/index.asp>. The practices are broken out into sectors such as Agriculture, Commercial and Institutional, Industrial, Municipal and Wholesale. BMPs are voluntary measures that water users use to develop the required components of Title 30, Texas Administrative Code, Chapter 288. BMPs can also be implemented in addition to the rule requirements to achieve water conservation goals.*

#### Contact Information

Name: City of Houston

Address: 611 Walker St., Houston, TX 77002

Telephone Number: (832) 395-2198 Fax: (832) 395-2704

Water Right No.(s): 4261, 4277, 4963, 4965, 5807, 5808, 5827, 2925, 5762, 5826

Regional Water Planning Group: Region H Water Planning Group

Water Conservation Division Manager: Paula Paciorek Phone: (832) 395-2198

Form Completed By: Christopher Varela; Mitchell Ramon, P.E.

Title: Management Analyst IV; Water Planning Engineer

Signature:  Date: 06/7/2019

A water conservation plan for wholesale public water suppliers must include the following requirements (as detailed in 30 TAC Section 288.5). If the plan does not provide information for each requirement, you must include in the plan an explanation of why the requirement is not applicable.

## Utility Profile

### I. WHOLESALE SERVICE AREA POPULATION AND CUSTOMER DATA

#### A. Population and Service Area Data:

1. Service area size (in square miles):

(Please attach a copy of service-area map)

1,536

2. Current population of service area:

2,529,487

3. Current population served for:

a. Water 2,529,487

b. Wastewater 115,270

4. Population served for previous five years:

<i>Year</i>	<i>Population</i>
2014	2,316,478
2015	2,359,080
2016	2,401,681
2017	2,444,283
2018	2,486,885

5. Projected population for service area in the following decades:

<i>Year</i>	<i>Population</i>
2020	2,572,088
2030	2,742,677
2040	2,875,206
2050	2,993,806
2060	3,101,898

6. List source or method for the calculation of current and projected population size.

- Historical and future population by TWDB State Water Planning Data
- Future water demand projections developed by TWDB, HGSD and City of Houston Water Planning
- Service area of 635 square miles includes retail service area
- Historical and projected populations are based on TWDB Region H planning data

#### B. Customer Data

List (or attach) the names of all wholesale customers, amount of annual contract, and amount of annual use for each customer for the previous year: **See attachment**

<i>Wholesale Customer</i>	<i>Contracted Amount (Acre-feet)</i>	<i>Previous Year Amount of Water Delivered (acre-feet)</i>
	<i>See attachment</i>	

## II. WATER USE DATA FOR SERVICE AREA

### A. Water Delivery

Indicate if the water provided under wholesale contracts is treated or raw water and the annual amounts for the previous five years (in acre feet):

<i>Year</i>	<i>Treated Water</i>	<i>Raw Water</i>
<b>2014</b>	<b>167,606</b>	<b>237,666</b>
<b>2015</b>	<b>167,218</b>	<b>249,975</b>
<b>2016</b>	<b>177,033</b>	<b>245,272</b>
<b>2017</b>	<b>164,333</b>	<b>239,421</b>
<b>2018</b>	<b>167,014</b>	<b>249,259</b>
<b>Totals</b>	<b>843,204</b>	<b>1,221,592</b>

### B. Water Accounting Data

- Total amount of water diverted at the point of diversion(s) for the previous five years (in acre-feet) for all water uses:

<i>Year</i>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<i>Month</i>					
January	31,207	31,532	32,029	33,120	33,254
February	27,387	29,497	31,515	29,987	29,823
March	31,263	31,093	34,750	33,592	33,405
April	33,634	35,738	33,724	34,782	34,304
May	35,576	33,011	35,862	37,678	39,030
June	35,483	34,476	34,908	24,270	38,836
July	38,485	40,007	40,469	38,752	40,388

August	38,887	42,476	38,603	34,510	40,156
September	34,563	38,050	36,523	34,508	33,425
October	34,520	38,110	37,011	36,293	32,521
November	32,676	30,731	34,235	33,881	30,711
December	31,593	32,471	32,675	32,382	30,419
<b>Totals</b>	<b>405,275</b>	<b>417,192</b>	<b>422,301</b>	<b>403,754</b>	<b>416,273</b>

2. Wholesale population served and total amount of water diverted for **municipal use** for the previous five years (in acre-feet):

<i>Year</i>	<i>Total Population Served</i>	<i>Total Annual Water Diverted for Municipal Use</i>
2014	2,316,478	167,606.23
2015	2,359,080	167,217.83
2016	2,401,681	177,033.06
2017	2,444,283	164,333.17
2018	2,486,885	167,014.10

*C. Projected Water Demands*

If applicable, project and attach water supply demands for the next ten years using information such as population trends, historical water use, and economic growth in the service area over the next ten years and any additional water supply requirements from such growth.

**III. WATER SUPPLY SYSTEM DATA**

*A. Projected Water Demands*

List all current water supply sources and the amounts authorized (in acre feet) with each.

<i>Water Type</i>	<i>Source</i>	<i>Amount Authorized</i>
Surface Water	Lake Livingston, Southern Canal, Lake Houston, Lake Conroe, San Jacinto River, multiple bayous	1,657,029
Groundwater	Evangeline Aquifer and Chicot Aquifer	167,467
Other		

*B. Treatment and Distribution System (if providing treated water)*

1. Design daily capacity of system (MGD):

905

2. Storage capacity (MGD):

a. Elevated 19.8

b. Ground 192.9

3. Please attach a description of the water system. Include the number of treatment plants, wells, and storage tanks

Number of Facilities	Main	Willowchase	GNESA	Total
Surface Water Treatment Plants	3	-	-	3
Groundwater Treatment Plants	41	4	12	57
Groundwater Wells	103	5	22	130
Ground Storage Tanks	69	7	18	94
Elevated Storage Tanks	18	1	6	25
Hydro Storage Tanks	6	5	9	20

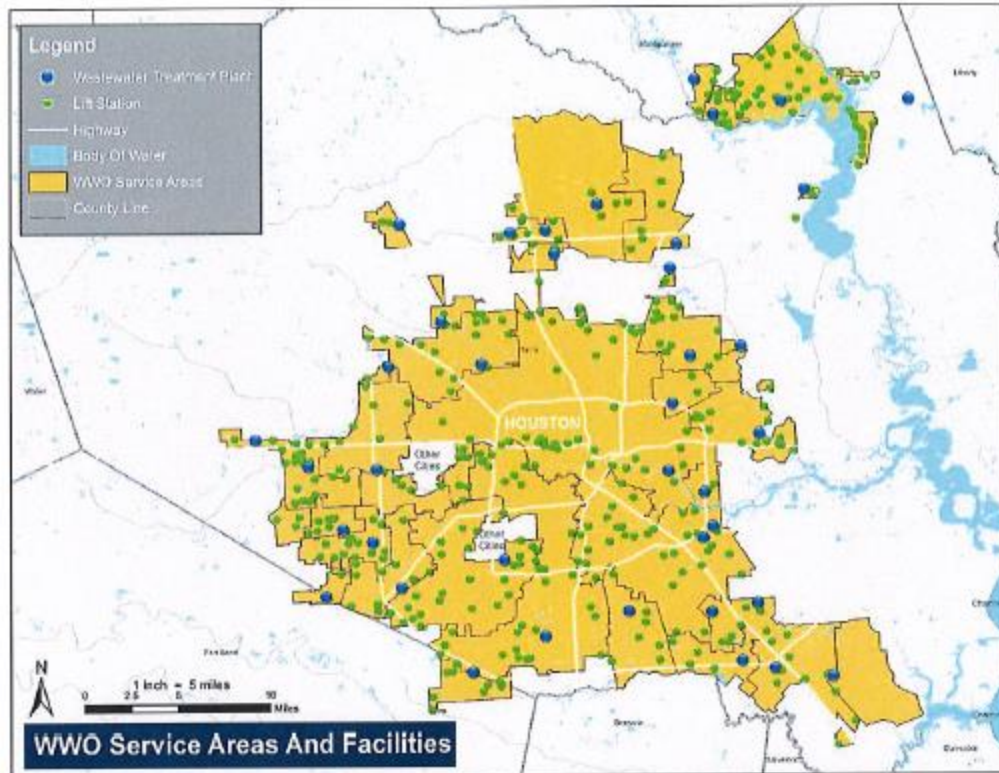
**IV. WASTEWATER SYSTEM DATA**

*A. Wastewater System Data (if applicable)*

1. Design capacity of wastewater treatment plant(s) (MGD):

563.713 MGD

2. Briefly describe the wastewater system(s) of the area serviced by the wholesale public water supplier. Describe how treated wastewater is disposed. Where applicable, identify treatment plant(s) with the TCEQ name and number, the operator, owner, and the receiving stream if wastewater is discharged.



In areas with City of Houston wastewater service, wastewater is treated in one of 39 wastewater treatment plants using activated sludge processes. Treated effluent is disinfected with chlorination or UV light prior to being discharged to a water body - typically a bayou or ditch. The following facilities are owned and operated by the City of Houston (\*operated by Inframark).

69th Street	WQ0010495090	Houston Ship Channel/Buffalo Bayou Tidal in 1007
Almeda Sims	WQ0010495003	Sims Bayou Above Tidal in 1007
Beltway	WQ0010495111	HCFCF ditch D124-00-00 in 1007
*Cedar Bayou	WQ0010495112	HCFCF ditch Q136-00-00 in 0902
Chocolate Bayou	WQ0010495009	Sims Bayou Above Tidal in 1007
Clinton Park	WQ0010495010	Houston Ship Channel/Buffalo Bayou Tidal in 1007
Easthaven	WQ0010495065	Berry Creek in 1007
*Forest Cove	WQ0010495149	unnamed ditch, thence to HCFCF ditch G-103-45-00 in 1002
FWSD 23	WQ0010495016	Halls Bayou in 1006

Greenridge WQ0010495110 unnamed drainage ditch, thence to HCFCF ditch C147-00-00 in 1007

Homestead WQ0010495023 Hunting Bayou in 1007

Imperial Valley WQ0010495101 HCFCF ditch P144-01-00 in 1016

Intercontinental Airport WQ0010495078 HCFCF ditch P140-00-00 in 1016

Keegans Bayou WQ0010495119 Keegans Bayou in 1017

\*Kingwood Central WQ0010495146 unnamed ditch, thence to Ben's Branch in 1002

\*Kingwood West WQ0010495142 unnamed ditch, thence to Evans Gully in 1004

Metro Central WQ0010495152 HCFCF ditch, thence to Horsepen Bayou in 1113

MUD 203 WQ0010495133 Greens Bayou Above Tidal in 1016

Northbelt WQ0010495122 HCFCF ditch P133-00-00 in 1016

Northeast WQ0010495077 Greens Bayou Tidal in 1006

Northgate WQ0010495100 Greens Bayou Above Tidal in 1016

Northwest WQ0010495076 Cole Creek in 1017

Park Ten WQ0010495135 HCFCF W487-0C-NW-01 in 1014

Sagmont WQ0010495075 Turkey Creek in 1102

Sims North WQ0010495002/TX0062201 Sims Bayou in 1007

Sims South WQ0010495002/TX0105058 Sims Bayou in 1007

Southeast WQ0010495079 HCFCF ditch A120-00-00 in 1102

Southwest WQ0010495037 Brays Bayou Above Tidal in 1007

Tidwell Timbers WQ0010495148 Greens Bayou Above Tidal in 1016

Turkey Creek WQ0010495109 Buffalo Bayou Above Tidal in 1014

Upper Brays WQ0010495116 Brays Bayou in 1007

WCID 47 WQ0010495050 Berry Bayou in 1007

WCID 76 WQ0010495150 Greens Bayou Above Tidal in 1016

WCID 111 WQ0010495095 Keegans Bayou in 1007

West District WQ0010495030 Buffalo Bayou Above Tidal in 1014

\*West Lake Houston WQ0014650001 South Fork Harmon Bayou in 1002

Westway WQ0010495139 Brickhouse Gully in 1017

White Oak WQ0010495099 Whiteoak Bayou Above Tidal in 1017

Willowbrook WQ0010495126 HCFCD ditch P150-00-00

*B. Wastewater Data for Service Area (if applicable)*

1. Percent of water service area served by wastewater system: 5 %
2. Monthly volume treated for previous five years (in 1,000 gallons):

<i>Year</i>	2018	2017	2016	2015	2014
<i>Month</i>					
January	7787510	9130120	7594049	8130587	5717516
February	8587740	7351400	6298742	5729080	6047860
March	7688310	8556310	7808680	8870061	7199564
April	7076790	6454200	8734200	8909160	6081570
May	7185676	6897500	9233629	10853503	8237196
June	7376010	7583700	9779635	8806440	6663240
July	7965698	6850070	7299474	7247304	6946232
August	6818047	10351210	10018890	7127520	6888758
September	8874510	7747500	8112000	6918240	7614720
October	8696895	7048160	6663450	8221039	6723404
November	7678470	6581700	6264600	7599585	6512130
December	9298140	7484640	7110160	7825899	7830972
<b>Totals</b>	95033796	92036510	94917509	96238418	82463162

## Water Conservation Plan

In addition to the description of the wholesaler's service area (profile from above), a water conservation plan for a wholesale public water supplier must include, at a minimum, additional information as required by Title 30, Texas Administrative Code, Chapter 288.5. Note: If the water conservation plan does not provide information for each requirement an explanation must be included as to why the requirement is not applicable.

### *A. Specific, Quantified 5 & 10-Year Targets*

The water conservation plan must include specific, quantified 5-year and 10-year targets for water savings including, where appropriate, target goals for municipal use in gallons per capita per day for the wholesaler's service area, maximum acceptable water loss, and the basis for the development of these goals. Note that the goals established by a wholesale water supplier under this subparagraph are not enforceable. These goals must be updated during the 5-year review and submittal.

### *B. Measuring and Accounting for Diversions*

The water conservation plan must include a description as to which practice(s) and/or device(s) will be utilized to measure and account for the amount of water diverted from the source(s) of supply.

### *C. Record Management Program*

The water conservation plan must include a monitoring and record management program for determining water deliveries, sales, and losses.

### *D. Metering/Leak-Detection and Repair Program*

The water conservation plan must include a program of metering and leak detection and repair for the wholesaler's water storage, delivery, and distribution system.

### *E. Contract Requirements for Successive Customer Conservation*

The water conservation plan must include a requirement in every water supply contract entered into or renewed after official adoption of the water conservation plan, and including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements of Title 30 TAC Chapter 288. If the customer intends to resell the water, then the contract between the initial supplier and customer must provide that the contract for the resale of the water must have water conservation requirements so that each successive customer in the resale of the water will be required to implement water conservation measures in accordance with the provisions of this chapter.

### *F. Reservoir Systems Operations Plan*

The water conservation plan must include a reservoir systems operations plan, if applicable, providing for the coordinated operation of reservoirs owned by the applicant within a common watershed or river basin. The reservoir systems operations plan shall include optimization of water supplies as one of the significant goals of the plan.

### *G. Enforcement Procedure and Official Adoption*

The water conservation plan must include a means for implementation and enforcement, which shall be evidenced by a copy of the ordinance, rule, resolution, or tariff, indicating official adoption of the water conservation plan by the water supplier; and a description of the authority by which the water supplier will implement and enforce the conservation plan.

#### *H. Coordination with the Regional Water Planning Group(s)*

The water conservation plan must include documentation of coordination with the regional water planning groups for the service area of the wholesale water supplier in order to ensure consistency with the appropriate approved regional water plans.

Example statement to be included within the water conservation plan:

*The service area of the \_\_\_\_\_ (name of water supplier) is located within the \_\_\_\_\_ (name of regional water planning area or areas) and \_\_\_\_\_ (name of water supplier) has provided a copy of this water conservation plan to the \_\_\_\_\_ (name of regional water planning group or groups).*

#### *I. Plan Review and Update*

A wholesale water supplier shall review and update its water conservation plan, as appropriate based on an assessment of previous 5-year and 10-year targets and any other new or updated information. A wholesale water supplier shall review and update the next revision of its water conservation plan no later than May 1, 2009, and every five years after that date to coincide with the regional water planning group. The revised plan must also include an implementation report.

### **V. ADDITIONAL CONSERVATION STRATEGIES**

Any combination of the following strategies shall be selected by the water wholesaler, in addition to the minimum requirements of 30 TAC §288.5(1), if they are necessary in order to achieve the stated water conservation goals of the plan. The commission may require by commission order that any of the following strategies be implemented by the water supplier if the commission determines that the strategies are necessary in order for the conservation plan to be achieved:

1. Conservation-oriented water rates and water rate structures such as uniform or increasing block rate schedules, and/or seasonal rates, but not flat rate or decreasing block rates;
2. A program to assist agricultural customers in the development of conservation, pollution prevention and abatement plans;
3. A program for reuse and/or recycling of wastewater and/or graywater;
4. Any other water conservation practice, method, or technique which the wholesaler shows to be appropriate for achieving the stated goal or goals of the water conservation plan.

### **VI. WATER CONSERVATION PLANS SUBMITTED WITH A WATER RIGHT APPLICATION FOR NEW OR ADDITIONAL STATE WATER**

Water Conservation Plans submitted with a water right application for New or Additional State Water must include data and information which:

1. support the applicant's proposed use of water with consideration of the water conservation goals of the water conservation plan;
2. evaluates conservation as an alternative to the proposed appropriation; and
3. evaluates any other feasible alternative to new water development including, but not limited to, waste prevention, recycling and reuse, water transfer and marketing, regionalization, and optimum water management practices and procedures.

Additionally, it shall be the burden of proof of the applicant to demonstrate that no feasible alternative to the proposed appropriation exists and that the requested amount of appropriation is necessary and reasonable for the proposed use.



Type Name	Company Name	Contract Maximum	Contract Maximum Type	2018 Consumption
PDS - Anheuser Busch	Anheuser-Busch	78.19	MGM	1,020,004,000
PDS - GRP Taking City Water	City of Spring Valley	N/A		76,166,000
PDS - GRP Taking City Water	HCMUD 148	7	MGM	104,945,000
PDS - GRP Taking City Water	HCMUD 182	0.85	MGM	9,923,000
PDS - GRP Taking City Water	HCMUD 278	8		118,823,000
PDS - GRP Taking City Water	HCMUD 344 (Summerwood)	10		119,476,000
PDS - GRP Taking City Water	HCMUD 49	8.305		115,369,000
PDS - GRP Taking City Water	Pine Village Public Utility Dist	2.5		44,294,000
PDS - Non-Potable Water	Air Liquide America Corp.	23	MGD	6,521,079,000
PDS - Non-Potable Water	Air Products and Chemicals Inc	0.6	MGD	50,465,000
PDS - Non-Potable Water	American Acryl, L.P.	2	MGD	228,293,000
PDS - Non-Potable Water	Arco Chemical - CH 11	0.088	MGD	32,280,000
PDS - Non-Potable Water	Baker Petrolite Corp.	0.345	MGD	128,430,000
PDS - Non-Potable Water	Battleground Oil Specialty Terminal Company (BOSTCO)	0.009	MGD	28,635,000
PDS - Non-Potable Water	Battleground Water Company (INEOS)	27	MGD	6,210,275,000
PDS - Non-Potable Water	Bayer Material Science(Baychem - Mobay)	4	MGD	1,858,823,000
PDS - Non-Potable Water	Baytown Area Water Authority	20	MGD	5,230,382,000
PDS - Non-Potable Water	Bealine Service Co.	N/A		921,000
PDS - Non-Potable Water	Braskem American, Inc. (Aristech)	2	MGD	269,088,000
PDS - Non-Potable Water	Calpine Contruccion Finance Co.	6	MGD	1,703,087,000
PDS - Non-Potable Water	Carpenter Chemical	0.0033	MGD	2,339,000
PDS - Non-Potable Water	Chem-Sep	0.003	MGD	1,231,000
PDS - Non-Potable Water	Chevron Phillips Chemical Co,	22.2	MGD	5,160,029,000
PDS - Non-Potable Water	City of Deer Park	7	MGD	1,556,202,000

PDS - Non-Potable Water	Clean Harbors Environmental	3.6	MGD	568,150,000
PDS - Non-Potable Water	D.B. Western - Texas - December 2010	0.72	MGD	141,548,000
PDS - Non-Potable Water	Deer Park Energy Center	8.5	MGD	2,068,844,000
PDS - Non-Potable Water	Dianal America			-
PDS - Non-Potable Water	Dixie Chemical	0.017	MGD	220,000
PDS - Non-Potable Water	Enterprise Prod. Operating (former Diamond Shamrock)	6.736	MGD	6,615,000
PDS - Non-Potable Water	Enterprise Products	7.9	MGD	1,169,027,000
PDS - Non-Potable Water	Enterprise Products - Valero Refining -Texas, LP (EOTT)	1.88	MGD	236,285,000
PDS - Non-Potable Water	Equilon Enterprises, LLC (Oiltanking)	1.6	MGD	6,355,000
PDS - Non-Potable Water	Equistar Chemicals (formerly Zeneca) CH 11	2.75	MGD	754,681,000
PDS - Non-Potable Water	Equistar Chemicals LP - CH 11 (Lyondell Chemical)	0.105	MGD	2,527,493,000
PDS - Non-Potable Water	Equistar Chemicals LP - CH 11 (Lyondell Chemical)	31.8	MGD	2,527,493,000
PDS - Non-Potable Water	Equistar Chemicals LP -CH 11 (1)	13	MGD	754,681,000
PDS - Non-Potable Water	Exxon Chemical Americas	4	MGD	1,256,452,000
PDS - Non-Potable Water	Exxon Pipeline	0.03	MGD	451,000
PDS - Non-Potable Water	Flint Hills Resources	4.3	MGD	1,177,495,000
PDS - Non-Potable Water	FMC Corporation	1	MGD	277,263,000
PDS - Non-Potable Water	G E O Specialty Chemicals (Hampshire)	0.373	MGD	84,579,000
PDS - Non-Potable Water	Gulf Coast Fractionators	2.022	MGD	672,370,000
PDS - Non-Potable Water	Gulf Coast Limestone	N/A		3,377,000
PDS - Non-Potable Water	Gulf Coast Waste Disposal Authority	0.24	MGD	44,375,000
PDS - Non-Potable Water	Haldor Topsoe	0.025	MGD	15,045,000
PDS - Non-Potable Water	Haltermann, LTD, Johann	0.25	MGD	88,320,000
PDS - Non-Potable Water	Harris County, Texas	0.1	MGD	260,000
PDS - Non-Potable Water	Hoescht Celanese	15.1	MGD	3,267,958,000
PDS - Non-Potable Water	Houston Fuel Oil Company	0.09	MGD	28,075,000

PDS - Non-Potable Water	Houston Refining, LP (Lyondell -Citgo) CH 11	20.9	MGD	5,092,004,000
PDS - Non-Potable Water	Industrial Terminals, L.P.	0.07	MGD	4,843,000
PDS - Non-Potable Water	IP INVESTMENTS, LLC	0.025	MGD	5,757,000
PDS - Non-Potable Water	Jindal United States Corp.	1.71	MGD	20,049,000
PDS - Non-Potable Water	Kaneka	N/A		5,000
PDS - Non-Potable Water	Kinder Morgan Liquid Terminal	0.26	MGD	4,797,000
PDS - Non-Potable Water	Lone Star NGL Mont Belvieu LP - L Dreyfuss (TX Eastern)(Conoco)	8.64	MGD	1,218,303,000
PDS - Non-Potable Water	Lone Star NGL Mont Belvieu LP - Louis Dreyfuss (TX Eastern)	0.358	MGD	21,822,000
PDS - Non-Potable Water	Lubrizol Corporation	1.46	MGD	576,283,000
PDS - Non-Potable Water	McKenzie Tank Lines	N/A		7,000
PDS - Non-Potable Water	Noltex, L.L.C.	0.72	MGD	2,053,000
PDS - Non-Potable Water	NRG Texas LP (Texas Genco, Inc)	1	MGD	133,920,000
PDS - Non-Potable Water	Occidental Chemical	12.6	MGD	2,788,717,000
PDS - Non-Potable Water	Odfjell Terminals (Houston) ( Baytank)	0.2	MGD	40,000
PDS - Non-Potable Water	Oiltanking Houston Inc.	0.01	MGD	60,000
PDS - Non-Potable Water	ONEOK Hydrocarbon L.P.	10	MGD	490,419,000
PDS - Non-Potable Water	Industries (Eisai)	0.288	MGD	1,264,000
PDS - Non-Potable Water	Pasadena Refining System, Inc	26.91	MGD	2,517,000
PDS - Non-Potable Water	Pasadena Refining System, Inc (Crown)	5.2	MGD	1,165,397,000
PDS - Non-Potable Water	Petrounited	0.015	MGD	27,783,000
PDS - Non-Potable Water	Pol-Tex International	0.05	MGD	6,902,000
PDS - Non-Potable Water	Poly-One Corporation	0.055	MGD	22,592,000
PDS - Non-Potable Water	Port of Houston Authority	0.033	MGD	30,683,000
PDS - Non-Potable Water	Praxair, Inc.	0.64	MGD	198,085,000
PDS - Non-Potable Water	Reagans USA, Inc. (Calgon)	0.04	MGD	20,000
PDS - Non-Potable Water	Rentech Nitrogen Pasadena, formerly Agrifos Fertilizer LP	2.2	MGD	675,020,000
PDS - Non-Potable Water	Rohm & Haas	0.304	MGD	93,168,000
PDS - Non-Potable Water	Shell Oil	32.5	MGD	6,846,092,000
PDS - Non-Potable Water	SSI Chusei USA	0.08	MGD	59,822,000

PDS - Non-Potable Water	Stolthaven Houston, Inc.	0.01	MGD	3,140,000
PDS - Non-Potable Water	Styrolution America LLC (name changed)	4.4	MGD	1,048,418,000
PDS - Non-Potable Water	Targa Midstream Services LP (Dynergy)	6	MGD	603,520,000
PDS - Non-Potable Water	Texas Brine Company	2	MGD	734,131,000
PDS - Non-Potable Water	Texas Molecular LLC	0.33	MGD	15,497,000
PDS - Non-Potable Water	Total Petrochemicals USA (FINA)	2	MGD	676,566,000
PDS - Non-Potable Water	TPC Group, LLC (formerly Texas Petrochemical)	10.6	MGD	2,333,572,000
PDS - Non-Potable Water	Trimac - DSI Transports, Inc. / Trimac	0.05	MGD	4,097,000
PDS - Non-Potable Water	Valero Refining Company- Texas	5.6	MGD	1,368,130,000
PDS - Non-Potable Water	Vulcan Construction Materials	0.0411	MGD	6,600,000
PDS - Non-Potable Water	W. Canning, Inc			36,000
PDS - Non-Potable Water	Zeon Chemical	0.025	MGD	245,000
PDS - Treated Water	Baybrook MUD 1	80	MGD	91,853,000
PDS - Treated Water	Central Harris County Regional Water Authority	2.12	MGD	600,767,000
PDS - Treated Water	Chimney Hill MUD	13.86	MGM	156,155,000
PDS - Treated Water	City of Bellaire	42	MGM	638,435,000
PDS - Treated Water	City of Bunker Hill Village	14.75	MGM	226,527,000
PDS - Treated Water	City of Friendswood	80	MGD	1,877,479,000
PDS - Treated Water	City of Galena Park	25.9	MGM	280,220,000
PDS - Treated Water	City of Hilshire Vlg.	3.138	MGM	45,723,000
PDS - Treated Water	City of Humble	0.7	MGD	332,648,000
PDS - Treated Water	City of Jacinto City	25	MGM	262,140,000
PDS - Treated Water	City of Jersey Village	22.5	MGM	458,787,000
PDS - Treated Water	City of Pasadena - East Plant	180	MGM	5,959,222,000
PDS - Treated Water	City of Pearland	40	MGM	1,012,282,000
PDS - Treated Water	City of South Houston	80	MGD	564,648,000
PDS - Treated Water	City of Southside Place	7.2	MGM	72,368,000
PDS - Treated Water	City of Webster	5	MGD	570,392,000
PDS - Treated Water	City of West University	32.75	MGM	465,374,000
PDS - Treated Water	Clear Brook City MUD	60.4	MGM	645,742,000
PDS - Treated Water	Clear Lake City	348.7	MGM	3,383,024,000

PDS - Treated Water	Emerald Forest Utility District -NHCRWA	0.3	MGM	14,056,000
PDS - Treated Water	Greenwood Utility District	24	MGM	331,590,000
PDS - Treated Water	Gulf Coast Water Authority (Galveston)	499.1	MGM	5,249,555,000
PDS - Treated Water	HCMUD 148 (NEW CUSTOMER)	7	MGM	104,945,000
PDS - Treated Water	HCMUD 158	15	MGM	185,004,000
PDS - Treated Water	HCMUD 220	1.45	MGM	11,683,000
PDS - Treated Water	HCMUD 23 (Consortium)	4.538	MGM	66,592,000
PDS - Treated Water	HCMUD 261 & Winfern Forest UD	8.038	MGM	94,615,000
PDS - Treated Water	HCMUD 372	10	MGM	189,938,000
PDS - Treated Water	HCMUD 402	1	MGM	81,671,000
PDS - Treated Water	HCMUD 406	1.2	MGM	127,948,000
PDS - Treated Water	HCMUD 420	3.6	MGM	40,009,000
PDS - Treated Water	HCMUD 421	2.625	MGM	87,857,000
PDS - Treated Water	HCMUD 461	0.399	MGM	8,346,000
PDS - Treated Water	HCMUD 5	10	MGM	52,250,000
PDS - Treated Water	HCMUD 55	1.3	MGD	459,090,000
PDS - Treated Water	HCMUD 6 (Consortium 5)	5.646	MGM	67,619,000
PDS - Treated Water	HCMUD 8	11.25	MGM	143,790,000
PDS - Treated Water	HCMUD 96	12	MGM	198,569,000
PDS - Treated Water	HCWCID 89	13.029	MGM	231,845,000
PDS - Treated Water	HCWCID 96 (Treated Water)	18.347	MGM	344,648,000
PDS - Treated Water	HCWICD - Fondren Road	7.47	MGM	91,345,000
PDS - Treated Water	La Porte Water Authority	130.1	MGM	1,483,335,000
PDS - Treated Water	Memorial Villages Water Authority	60	MGM	891,837,000
PDS - Treated Water	Montgomery County MUD 98	2	MGM	71,630,000
PDS - Treated Water	North Channel Water Auth	206	MGM	2,533,848,000
PDS - Treated Water	North Fort Bend County Water Authority	19.5	MGD	5,120,883,000
PDS - Treated Water	North Harris County Regional Water Authority	0.3	MGM	8,874,345,000
PDS - Treated Water	Regional Water Adv. Comm.	23	MGM	241,241,000

PDS - Treated Water	Rolling Fork Public Utility District	5.264	MGM	47,335,000
PDS - Treated Water	Sunbelt Fresh Water Supply District	8.166	MGM	135,632,000
PDS - Treated Water	Sunbelt Fresh Water Supply District -Northline	8.5	MGM	28,773,000
PDS - Treated Water	Sunbelt Fresh Water Supply District -Oakwilde	16.166	MGM	44,301,000
PDS - Treated Water	West Harris County Regional Water Authority	18.25	MGD	7,398,995,000
PDS - Treated Water	WHCMUD 16	0.21	MGM	2,179,000



## Texas Commission on Environmental Quality

### Water Availability Division

MC-160, P.O. Box 13087 Austin, Texas 78711-3087


Telephone (512) 239-4691, FAX (512) 239-2214

### Utility Profile and Water Conservation Plan Requirements for Municipal Water Use by Retail Public Water Suppliers

This form is provided to assist retail public water suppliers in water conservation plan development. If you need assistance in completing this form or in developing your plan, please contact the Conservation staff of the Resource Protection Team in the Water Availability Division at (512) 239-4691.

Water users can find best management practices (BMPs) at the Texas Water Development Board's website <http://www.twdb.texas.gov/conservation/BMPs/index.asp>. The practices are broken out into sectors such as Agriculture, Commercial and Institutional, Industrial, Municipal and Wholesale. BMPs are voluntary measures that water users use to develop the required components of Title 30, Texas Administrative Code, Chapter 288. BMPs can also be implemented in addition to the rule requirements to achieve water conservation goals.

#### Contact Information

Name of Water Supplier:	<u>City of Houston</u>	
Address:	<u>611 Walker St, Houston, TX 77002</u>	
Telephone Number:	<u>(832) 395-2198</u>	Fax: <u>(832) 395-2704</u>
Water Right No.(s):	<u>4261, 4277, 4963, 4965, 5807, 5808, 5827, 2925, 5762, 5826</u>	
Regional Water Planning Group:	<u>Region H Water Planning Group</u>	
Water Conservation Division Manager:	<u>Paula Paciorek</u>	Phone: <u>(832) 395-2198</u>
Form Completed by:	<u>Trace Neighbors; Mitchell Ramon, P.E.</u>	
Title:	<u>Customer Representative; Water Planning Engineer</u>	
Signature:		Date: <u>06/10/2019</u>

A water conservation plan for municipal use by retail public water suppliers must include the following requirements (as detailed in 30 TAC Section 288.2). If the plan does not provide information for each requirement, you must include in the plan an explanation of why the requirement is not applicable.

## Utility Profile

### I. POPULATION AND CUSTOMER DATA

#### A. *Population and Service Area Data*

1. Attach a copy of your service-area map and, if applicable, a copy of your Certificate of Convenience and Necessity (CCN).

CCIN #: 9914

2. Service area size (in square miles): 635  
(Please attach a copy of service-area map): Attached
3. Current population of service area: 2,328,419 (Source: City of Houston's Planning and Development, available at <https://www.houstontx.gov/planning/Demographics/>)
4. Current population served for: (City of Houston's Planning and Development, available at <https://www.houstontx.gov/planning/Demographics/>)
  - a. Water 2,328,419
  - b. Wastewater 2,328,419

5. Population served for previous five years: (Source: City of Houston Planning and Development <https://www.houstontx.gov/planning/Demographics/>)

<i>Year</i>	<i>Population</i>
<u>2014</u>	<u>2,233,310</u>
<u>2015</u>	<u>2,284,887</u>
<u>2016</u>	<u>2,319,603</u>
<u>2017</u>	<u>2,319,603</u>
<u>2018</u>	<u>2,328,419</u>

6. Projected population for service area in the following decades: (Source: City of Houston Planning and Development <https://www.houstontx.gov/planning/Demographics/>)

<i>Year</i>	<i>Population</i>
<u>2020</u>	<u>2,520,926</u>
<u>2030</u>	<u>2,798,278</u>
<u>2040</u>	<u>3,073,268</u>
<u>2050</u>	<u>3,349,540</u>
<u>2060</u>	<u>3,626,591</u>

7. List source or method for the calculation of current and projected population size.

- 1) **Historical and projected population by City of Houston's Planning and Development**
- 2) **Future water demand projections developed by TWDB, HGSD and City of Houston Water Planning**
- 3) **Service Area of 635 sq. mi includes retail service area.**

*B. Customer Data*

Senate Bill 181 requires that uniform consistent methodologies for calculating water use and conservation be developed and available to retail water providers and certain other water use sectors as a guide for preparation of water use reports, water conservation plans, and reports on water conservation efforts. A water system must provide the most detailed level of customer and water use data available to it, however, any new billing system purchased must be capable of reporting data for each of the sectors listed below. More guidance can be found at: <http://www.twdb.texas.gov/conservation/doc/SB181Guidance.pdf>

1. Quantified 5-year and 10-year goals for water savings:

	<i>Historic 5-year Average</i>	<i>Baseline</i>	<i>5-year goal for year</i>	<i>10-year goal for year</i>
Total GPCD	129	129	127	125
Residential GPCD	62	62	61	60
Water Loss GPCD	24	24	23	22
Water Loss Percentage	19	19	18	17

**Notes:**

Total GPCD = (Total Gallons in System ÷ Permanent Population) ÷ 365

Residential GPCD = (Gallons Used for Residential Use ÷ Residential Population) ÷ 365

Water Loss GPCD = (Total Water Loss ÷ Permanent Population) ÷ 365

Water Loss Percentage = (Total Water Loss ÷ Total Gallons in System) x 100; or (Water Loss GPCD ÷ Total GPCD) x 100

2. Current number of active connections. Check whether multi-family service is counted as ☒ Residential or ☐ Commercial?

<i>Treated Water Users</i>	<i>Metered</i>	<i>Non-Metered</i>	<i>Totals</i>
Residential	430,987	-	430,987
Single-Family	415,228	-	415,228
Multi-Family	15,759	-	15,759
Commercial	47,701	-	47,701
Industrial/Mining	187	-	187
Institutional	-	-	-
Agriculture	-	-	-
Other/Wholesale	-	-	-

3. List the number of new connections per year for most recent three years.

\*Note: An error in the billing system in 2016 caused some discrepancies in the categorization of commercial, institutional and industrial accounts.

\*\* Houston Water currently has 274 wholesale contract agreements. This number of contracts have remained the same since 2014.

Year	2016* (from 2015 to 2016)	2017 (from 2016 to 2017)	2018 (from 2017 to 2018)
<i>Treated Water Users</i>			
Residential	36,087	-8,530	4,347
Single-Family	33,097	-8,312	4,162
Multi-Family	2,990	-218	185
Commercial	-42,784	2,921	664
Industrial/Mining	-42	172	15
Institutional	0	0	0
Agriculture	0	0	0
Other/Wholesale**	0	0	0

4. List of annual water use for the five highest volume customers (last 5 years' average):

Customer	Use (1,000 gal/year)	Treated or Raw Water
City of Houston Wastewater - 1890 Kress St	681,920	Treated
Confidential - 1	453,310	Treated
Confidential - 2	325,386	Treated
University of Houston	275,734	Treated
United States Gypsum Co.	214,939	Treated

## II. WATER USE DATA FOR SERVICE AREA

### A. Water Accounting Data

1. List the amount of water use for the previous five years (in 1,000 gallons).

Indicate whether this is ☐ diverted or ☒ treated water.

<i>Year</i>	2014	2015	2016*	2017	2018
<i>Month</i>					
January	6,384,248	6,152,514	6,154,061	6,787,637	7,181,762
February	6,405,740	6,176,083	6,406,536	7,137,690	6,858,263
March	5,864,544	5,836,838	5,777,958	6,065,019	6,403,776
April	5,695,772	5,580,955	6,197,963	6,088,985	6,768,964
May	6,176,084	6,205,972	6,830,401	6,975,357	6,927,428
June	6,957,966	6,067,018	5,623,181	7,033,853	6,723,555
July	7,050,874	6,414,634	6,835,696	7,728,853	9,713,421
August	7,403,373	7,479,539	6,821,868	7,728,454	7,839,242
September	7,475,643	8,273,679	7,315,045	7,800,676	8,086,622
October	7,435,885	8,049,942	8,386,883	7,066,378	8,697,410
November	7,019,672	7,336,608	7,872,134	9,960,272	6,760,347
December	6,708,126	6,551,241	7,033,253	7,583,578	7,361,018
<b>Totals</b>	<b>80,577,963</b>	<b>80,124,978</b>	<b>81,254,979</b>	<b>87,956,752</b>	<b>89,321,808</b>

2. Describe how the above figures were determined (e.g. from a master meter located at the point of a diversion from the source or located at a point where raw water enters the treatment plant, or from water sales).

Water use data for service area obtained from water sales.

\*Note: A change in the billing system in 2016 caused some discrepancies in the data.

3. Amount of water (in 1,000 gallons) delivered/sold as recorded by the following account types for the past five years.

☐ \*Treated water only.

<i>Year</i>	2014	2015	2016	2017	2018
<i>Account Types</i>					
Residential	49,669,922	49,632,952	50,578,985	52,398,140	55,749,599
Single-Family	24,257,032	24,077,579	25,043,534	25,504,557	25,981,331
Multi-Family	25,412,890	25,555,373	25,535,451	26,893,583	29,768,268
Commercial	30,676,271	30,477,345	31,292,662	28,815,864	33,325,846
Industrial	648,414	633,486	636,655	616,445	644,828
Institutional	-	-	-	-	-
Agriculture	-	-	-	-	-
Other/Wholesale*	54,660,821	54,642,127	57,806,391	57,688,560	53,725,548

4. List the previous records for water loss for the past five years (the difference between water diverted or treated and water delivered or sold). ☐

<i>Year</i>	<i>Amount (gallons)</i>	<i>Percent %</i>
2014	21,504,587,897	20.00
2015	21,573,036,492	20.00
2016	18,992,885,144	18.34
2017	20,542,352,727	18.80
2018	19,567,399,391	16.87

#### B. Projected Water Demands

1. If applicable, attach or cite projected water supply demands from the applicable Regional Water Planning Group for the next ten years using information such as population trends, historical water use, and economic growth in the service area over the next ten years and any additional water supply requirements from such growth.

Retail Projected Demand											
Year	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Population	2,230,387	2,248,414	2,266,441	2,284,467	2,302,494	2,320,520	2,338,547	2,356,574	2,374,600	2,392,627	2,410,653
Demand (in 1,000 gallons)	126,808,300	128,275,600	129,783,050	130,925,500	132,071,600	133,250,550	134,495,200	135,750,800	137,002,750	138,254,700	139,510,300
Demand (MGD)	347	351	356	359	362	365	368	372	375	379	382

**Source: Projected retail population and demand determined by TWDB, HGAC and City of Houston Water Planning.**

### III. WATER SUPPLY SYSTEM DATA

A. *Water Supply Sources*

1. List all current water supply sources and the amounts authorized (in acre feet) with each.

<i>Water Type</i>	<i>Source</i>	<i>Amount Authorized</i>
Surface Water	Lake Livingston, Southern Canal, Lake Houston, Lake Conroe, San Jacinto River, Multiple Bayous	1,657,029
Groundwater	Evangeline Aquifer and Chicot Aquifer	167,467
Other	-	-

B. *Treatment and Distribution System (if providing treated water)*

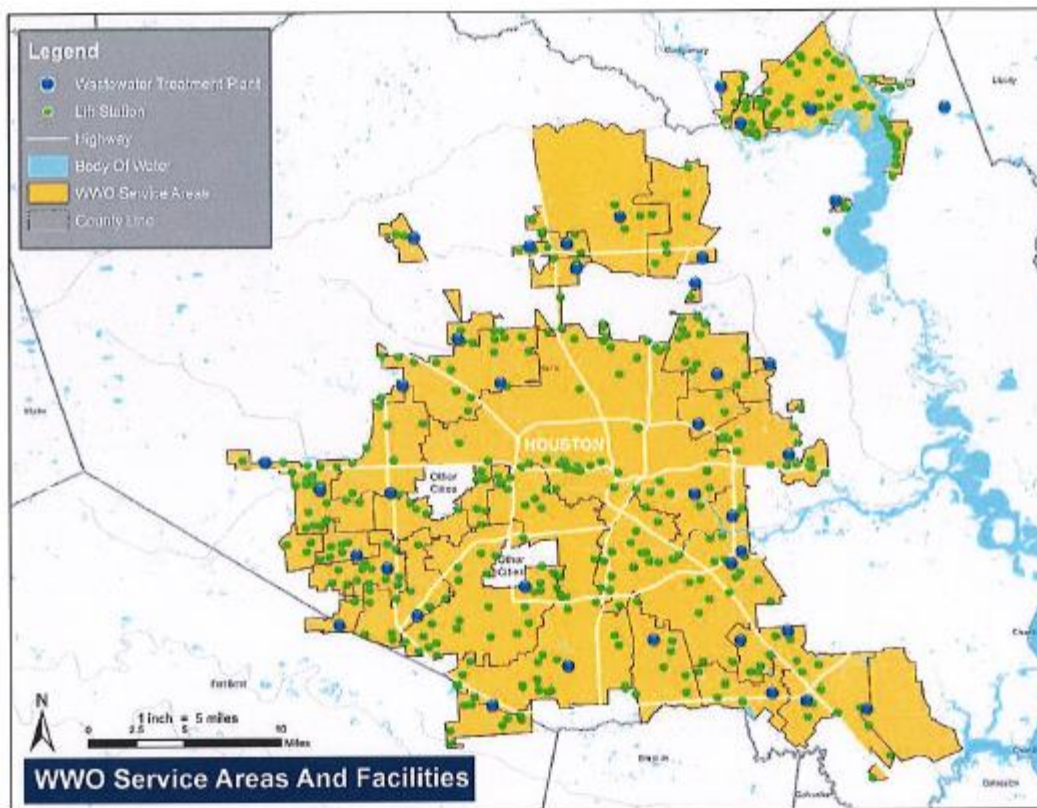
1. Design daily capacity of system (MGD): 905 (Source: Drinking Water Operations 2018 Inventory)
2. Storage capacity (MGD): (Source: Drinking Water Operations 2018 Inventory (elev. & hydro) )
  - a. Elevated 19.8
  - b. Ground 192.9
3. If surface water, do you recycle filter backwash to the head of the plant?  
☒ Yes    ☐ No    If yes, approximate amount (MGD): 12.26

IV. WASTEWATER SYSTEM DATA

A. *Wastewater System Data (if applicable)*

1. Design capacity of wastewater treatment plant(s) (MGD): 563.713
2. Treated effluent is used for ☒ on-site irrigation, ☐ off-site irrigation, for ☒ plant wash-down, and/or for ☐ chlorination/dechlorination.  
If yes, approximate amount (in gallons per month): 1,764,210,000
3. Briefly describe the wastewater system(s) of the area serviced by the water utility. Describe how treated wastewater is disposed. Where applicable, identify treatment plant(s) with the TCEQ name and number, the operator, owner, and the receiving stream if wastewater is discharged.

## Wastewater Operations Service Area and Facilities Map



In areas with City of Houston wastewater service, wastewater is treated in one of 39 wastewater treatment plants using activated sludge processes. Treated effluent is disinfected with chlorination or UV light prior to being discharged to a water body - typically a bayou or ditch. The following facilities are owned and operated by the City of Houston (\*operated by Inframark).

69th Street WQ0010495090 Houston Ship Channel/Buffalo Bayou Tidal in 1007

Almeda Sims WQ0010495003 Sims Bayou Above Tidal in 1007

Beltway WQ0010495111 HCFCF ditch D124-00-00 in 1007

\*Cedar Bayou WQ0010495112 HCFCF ditch Q136-00-00 in 0902

Chocolate Bayou WQ0010495009 Sims Bayou Above Tidal in 1007

Clinton Park WQ0010495010 Houston Ship Channel/Buffalo Bayou Tidal in 1007

Easthaven WQ0010495065 Berry Creek in 1007

\*Forest Cove WQ0010495149 unnamed ditch, thence to HCFCF ditch G-103-45-00 in 1002

FWSD 23 WQ0010495016 Halls Bayou in 1006

Greenridge WQ0010495110 unnamed drainage ditch, thence to HCFCD ditch C147-00-00 in 1007

Homestead WQ0010495023 Hunting Bayou in 1007

Imperial Valley WQ0010495101 HCFCD ditch P144-01-00 in 1016

Intercontinental Airport WQ0010495078 HCFCD ditch P140-00-00 in 1016

Keegans Bayou WQ0010495119 Keegans Bayou in 1017

\*Kingwood Central WQ0010495146 unnamed ditch, thence to Ben's Branch in 1002

\*Kingwood West WQ0010495142 unnamed ditch, thence to Evans Gully in 1004

Metro Central WQ0010495152 HCFCD ditch, thence to Horsepen Bayou in 1113

MUD 203 WQ0010495133 Greens Bayou Above Tidal in 1016

Northbelt WQ0010495122 HCFCD ditch P133-00-00 in 1016

Northeast WQ0010495077 Greens Bayou Tidal in 1006

Northgate WQ0010495100 Greens Bayou Above Tidal in 1016

Northwest WQ0010495076 Cole Creek in 1017

Park Ten WQ0010495135 HCFCD W487-0C-NW-01 in 1014

Sagemont WQ0010495075 Turkey Creek in 1102

Sims North WQ0010495002/TX0062201 Sims Bayou in 1007

Sims South WQ0010495002/TX0105058 Sims Bayou in 1007

Southeast WQ0010495079 HCFCD ditch A120-00-00 in 1102

Southwest WQ0010495037 Brays Bayou Above Tidal in 1007

Tidwell Timbers WQ0010495148 Greens Bayou Above Tidal in 1016

Turkey Creek WQ0010495109 Buffalo Bayou Above Tidal in 1014

Upper Brays WQ0010495116 Brays Bayou in 1007

WCID 47 WQ0010495050 Berry Bayou in 1007

WCID 76 WQ0010495150 Greens Bayou Above Tidal in 1016

WCID 111 WQ0010495095 Keegans Bayou in 1007

West District WQ0010495030 Buffalo Bayou Above Tidal in 1014

\*West Lake Houston WQ0014650001 South Fork Harmon Bayou in 1002

Westway WQ0010495139 Brickhouse Gully in 1017

White Oak WQ0010495099 Whiteoak Bayou Above Tidal in 1017

*B. Wastewater Data for Service Area (if applicable)*

1. Percent of water service area served by wastewater system: 100%
2. Monthly volume treated for previous five years (in 1,000 gallons):

<i>Year</i>	2014	2015	2016	2017	2018
<i>Month</i>					
January	5,717,516	8,130,587	7,594,049	9,130,120	7,787,510
February	6,047,860	5,729,080	6,298,742	7,351,400	8,587,740
March	7,199,564	8,870,061	7,808,680	8,556,310	7,688,310
April	6,081,570	8,909,160	8,734,200	6,454,200	7,076,790
May	8,237,196	10,853,503	9,233,629	6,897,500	7,185,676
June	6,663,240	8,806,440	9,779,635	7,583,700	7,376,010
July	6,946,232	7,247,304	7,299,474	6,850,070	7,965,698
August	6,888,758	7,127,520	10,018,890	10,351,210	6,818,047
September	7,614,720	6,918,240	8,112,000	7,747,500	8,874,510
October	6,723,404	8,221,039	6,663,450	7,048,160	8,696,895
November	6,512,130	7,599,585	6,264,600	6,581,700	7,678,470
December	7,830,972	7,825,899	7,110,160	7,484,640	9,298,140
<b>Totals</b>	<b>82,463,162</b>	<b>96,238,418</b>	<b>94,917,509</b>	<b>92,036,510</b>	<b>95,033,796</b>

## **Water Conservation Plan**

In addition to the utility profile, please attach the following as required by Title 30, Texas Administrative Code, §288.2. Note: If the water conservation plan does not provide information for each requirement, an explanation must be included as to why the requirement is not applicable.

### *A. Record Management System*

The water conservation plan must include a record management system which allows for the classification of water sales and uses in to the most detailed level of water use data currently available to it, including if possible, the following sectors: residential (single and multi-family), commercial.

### *B. Specific, Quantified 5 & 10-Year Targets*

The water conservation plan must include specific, quantified five-year and ten-year targets for water savings to include goals for water loss programs and goals for municipal use in gallons per capita per day. Note that the goals established by a public water supplier under this subparagraph are not enforceable. These goals must be updated during the five-year review and submittal.

### *C. Measuring and Accounting for Diversions*

The water conservation plan must include a statement about the water suppliers metering device(s), within an accuracy of plus or minus 5.0% in order to measure and account for the amount of water diverted from the source of supply.

### *D. Universal Metering*

The water conservation plan must include and a program for universal metering of both customer and public uses of water, for meter testing and repair, and for periodic meter replacement.

### *E. Measures to Determine and Control Water Loss*

The water conservation plan must include measures to determine and control water loss (for example, periodic visual inspections along distribution lines; annual or monthly audit of the water system to determine illegal connections; abandoned services; etc.).

### *F. Continuing Public Education & Information*

The water conservation plan must include a description of the program of continuing public education and information regarding water conservation by the water supplier.

### *G. Non-Promotional Water Rate Structure*

The water supplier must have a water rate structure which is not "promotional," i.e., a rate structure which is cost-based and which does not encourage the excessive use of water. This rate structure must be listed in the water conservation plan.

### *H. Reservoir Systems Operations Plan*

The water conservation plan must include a reservoir systems operations plan, if applicable, providing for the coordinated operation of reservoirs owned by the applicant within a common watershed or river basin in order to optimize available water supplies.

*I. Enforcement Procedure and Plan Adoption*

The water conservation plan must include a means for implementation and enforcement, which shall be evidenced by a copy of the ordinance, rule, resolution, or tariff, indicating official adoption of the water conservation plan by the water supplier; and a description of the authority by which the water supplier will implement and enforce the conservation plan.

*J. Coordination with the Regional Water Planning Group(s)*

The water conservation plan must include documentation of coordination with the regional water planning groups for the service area of the public water supplier in order to ensure consistency with the appropriate approved regional water plans.

*K. Plan Review and Update*

A public water supplier for municipal use shall review and update its water conservation plan, as appropriate, based on an assessment of previous five-year and ten-year targets and any other new or updated information. The public water supplier for municipal use shall review and update the next revision of its water conservation plan not later than May 1, 2009, and every five years after that date to coincide with the regional water planning group. The revised plan must also include an implementation report.

## **VI. ADDITIONAL REQUIREMENTS FOR LARGE SUPPLIERS**

Required of suppliers serving population of 5,000 or more or a projected population of 5,000 or more within the next ten years:

*A. Leak Detection and Repair*

The plan must include a description of the program of leak detection, repair, and water loss accounting for the water transmission, delivery, and distribution system in order to control unaccounted for uses of water.

*B. Contract Requirements*

A requirement in every wholesale water supply contract entered into or renewed after official adoption of the plan (by either ordinance, resolution, or tariff), and including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements in this chapter. If the customer intends to resell the water, the contract between the initial supplier and customer must provide that the contract for the resale of the water must have water conservation requirements so that each successive customer in the resale of the water will be required to implement water conservation measures in accordance with the provisions of this chapter.

## **VII. ADDITIONAL CONSERVATION STRATEGIES**

Any combination of the following strategies shall be selected by the water supplier, in addition to the minimum requirements of 30 TAC §288.2(1), if they are necessary in order to achieve the stated water conservation goals of the plan. The commission may require by commission order that any of the following strategies be implemented by the water supplier if the commission determines that the strategies are necessary in order for the conservation plan to be achieved:

1. Conservation-oriented water rates and water rate structures such as uniform or increasing block rate schedules, and/or seasonal rates, but not flat rate or decreasing block rates;
2. Adoption of ordinances, plumbing codes, and/or rules requiring water conserving plumbing fixtures to be installed in new structures and existing structures undergoing substantial modification or addition;
3. A program for the replacement or retrofit of water-conserving plumbing fixtures in existing structures;
4. A program for reuse and/or recycling of wastewater and/or graywater;
5. A program for pressure control and/or reduction in the distribution system and/or for customer connections;
6. A program and/or ordinance(s) for landscape water management;
7. A method for monitoring the effectiveness and efficiency of the water conservation plan; and
8. Any other water conservation practice, method, or technique which the water supplier shows to be appropriate for achieving the stated goal or goals of the water conservation plan.

#### **VIII. WATER CONSERVATION PLANS SUBMITTED WITH A WATER RIGHT APPLICATION FOR NEW OR ADDITIONAL STATE WATER**

Water Conservation Plans submitted with a water right application for New or Additional State Water must include data and information which:

1. support the applicant's proposed use of water with consideration of the water conservation goals of the water conservation plan;
2. evaluates conservation as an alternative to the proposed appropriation; and
3. evaluates any other feasible alternative to new water development including, but not limited to, waste prevention, recycling and reuse, water transfer and marketing, regionalization, and optimum water management practices and procedures.

Additionally, it shall be the burden of proof of the applicant to demonstrate that no feasible alternative to the proposed appropriation exists and that the requested amount of appropriation is necessary and reasonable for the proposed use.

## **Appendix B**

### **Consumption Awareness Program Dashboard Features**

#### **Features of Usage Calculator:**

- USAGE SUMMARY - provides you with a dashboard of information about your water usage including reading status, actual usage, project usage for next bill, and usage comparison information.
- MONTHLY USAGE HISTORY - provides you with a chart and table of monthly usage and billed history for up to the past 18 months. This information is useful for reviewing your usage and charge trends across seasons as well as from month to month.
- DAILY USAGE HISTORY - provides you with up to 90 days of daily usage history useful for comparing usage by day of week or from week to week. The daily usage is also a good tool for quickly identifying when unexpected high usage began.
- HOURLY USAGE HISTORY - provides you with hourly usage for any selected day up to the past 90 days. This tool is helpful for associating usage to specific events in your home or business (i.e., irrigation use, bathroom use, appliance use, etc.).
- USAGE ALERT HISTORY - provides you with a history of usage alert notifications sent for your account.
- USAGE ALERT SETTINGS - provides you with options for custom daily, monthly, and leak threshold alert settings that can be delivered to your mobile phone as a text or app notification, email, or phone call.

## USAGE SUMMARY

CAP Usage Manager
Summary Monthly Daily Hourly Alerts Settings

1
**HOURLY METER READING SERVICE**

Service Available	ACTIVE: GOOD COMMUNICATION SERVICE
Service Address	TX 77051
Rate Class	RESIDENTIAL

2
**USAGE ALERTS**

There are 14 usage alerts within the last 30 days.

3
**ACTIVE BILLING CYCLE**

Usage ?	420 GALS
Usage Days	6
Usage Charge	\$ 16.42

**PROJECTED NEXT BILL**

Usage ?	2710 GALS
Charge ?	\$ 23.25

**ACTIVE READINGS**

Start Reading	180000
Active Reading	181030
Active Reading Date	05/12/2013

4
**MONTHLY USAGE HISTORY FOR PERIOD 11/01/2011 to 05/06/2013**

	Usage	Cost
Highest	9000 GALS	\$ 105.15
Average	4000 GALS	\$ 48.09
Lowest	3000 GALS	\$ 23.89
Neighborhood Average ?	4713 GALS	\$ 48.09

5
**METER INFORMATION**

Meter Number	09307748
Meter Make	BADGER
Meter Size	1

1 **HOURLY METER READING SERVICE** provides you with the current status of the hourly meter reading service, the service address of the account, and the rate class assigned to the account.

See [Hourly Reading Communication](#) Status for more information on your status, possible reasons, and possible corrective actions.

2 **USAGE ALERTS** provides you with a summary count of the number of usage alert notifications that have been triggered for the account in the past 30 days.

3 **ACTIVE BILLING CYCLE USAGE** reports your actual water usage since your last billed reading (i.e., current billing cycle or usage for your next bill). The information includes the usage in gallons, the days of usage, and the approximate charge for this usage.

Note that the usage includes unbilled usage from the previous cycle and actual usage for the usage days as of the last meter reading. You can view the last meter reading date and time by logging on to your account.

**PROJECTED NEXT BILL** estimates what your bill could be if the current pattern of usage continues. The projection is based on actual usage plus an estimated daily usage over the remaining days in the billing month.

If you have an unexpected high projection, you can take action to avoid this charge if you are early in the cycle. If not, you can still take action to avoid these charges on your future bills.

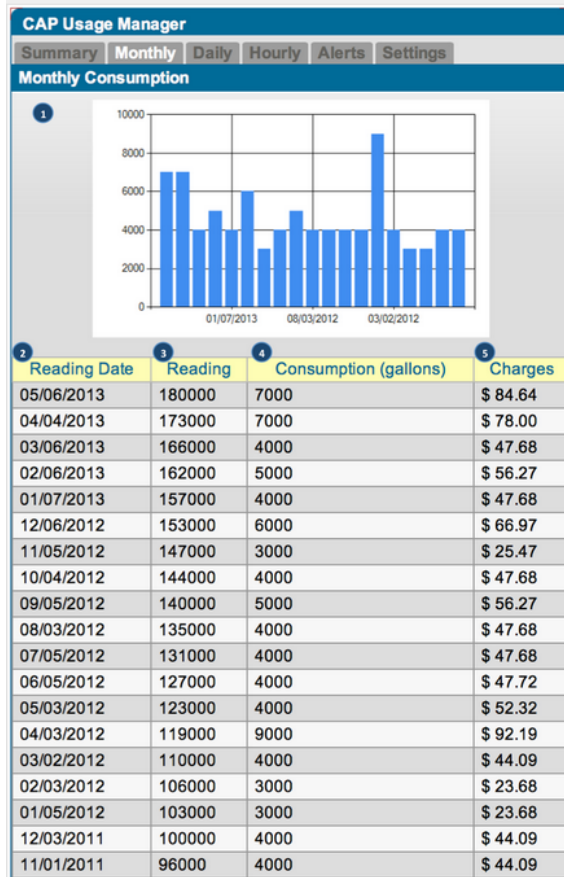
4 **USAGE HISTORY FOR PERIOD** provides you with a basis for comparing your usage to your past usage history to determine if it is normal or unusually high. Your average usage over the past 18-months shows you what's normal, the highest usage could reflect a month when you had a leak, and the lowest usage could reflect a month when you were away from home.

[Neighborhood Average](#) provides you with a basis for comparing your usage to homes in your surrounding area. The average is based on active single family residential customers with meter sizes of 1-inch or smaller. The number of homes included in the average is reported below the comparison table.

5 **METER INFORMATION** provides you with useful information that can help when investigating possible meter reading issues.



## MONTHLY USAGE HISTORY



**1 MONTHLY USAGE HISTOGRAM CHART** provides you with graphical representation of the distribution usage by month.

**2 READING DATE** provides you with meter reading date that was used for the corresponding billing period.  
You can click the column heading title to sort the table. Click twice to reverse the order.

**3 READING** provides you with the meter reading (in thousands of gallons) recorded on the specified reading date. Your usage is charged in thousands of gallons and any usage in excess of a factor of one thousand will be charged in the next billing cycle.

You can click the column heading title to sort the table. Click twice to reverse the order.

**4 CONSUMPTION** provides you the billed usage for the corresponding billing month.

You can click the column heading title to sort the table. Click twice to reverse the order.

**5 CHARGES** provides you with the amount that was actually billed for corresponding billing month.

You can click the column heading title to sort the table. Click twice to reverse the order.

## USAGE ALERT SETTINGS

Calculator
1

Daily

☒ Turn On ☐ Turn Off
2

Current Daily Average
133
Gallons

Alert Threshold
200
Gallons

Monthly

☒ Turn On ☐ Turn Off
3

Current Monthly Average
4000
Gallons

Alert Threshold
4000
Gallons

Leak Alert (Continuous flow over 24 hours)

☒ Turn On ☐ Turn Off
4

Notification Preference

Method
Text
5

Email
somayya\_scott@yahoo

Cell Phone
(713)492-3482

Telephone

SAVE

**CALCULATOR** provides you with a tool that can be used to determine what your daily and monthly water usage should be based on key factors impacting your household such as: the total number of people in your household, bathroom usage, number of loads typically washed or the frequency for yard watering, etc.

This tool will effectively estimate the expected daily, monthly and annual water consumption for your household and compare it to the average of similar households across the City of Houston.

**DAILY USAGE THRESHOLD SETTING** provides you with tool that monitors your daily water usage.

The Daily Alert feature includes the average daily consumption based on a rolling 12-month period. You can set the alert threshold by entering the consumption amount that you believe is unusually high for a given day. Review your daily consumption history to help determine an effective high consumption threshold.

1. Click the 'Turn On' option to turn on the notification.
2. Review the daily average for the past 12 months.
3. Select a usage alert threshold based on your desired notification needs.
  - Set the threshold at twice your average if you want to be notified of unusually high usage or...
  - Set the threshold to 10 if you have a vacant property where you want to be notified of any use.

**MONTHLY USAGE THRESHOLD SETTING** provides you with a tool that can be used to notify you when your projected month charge exceeds your monthly budget threshold.

The Monthly Alert feature includes the average monthly consumption based on a rolling 12-month period. You can set the alert threshold by entering the consumption amount that you believe is unusually high for a given month. Review your daily consumption history to help determine an effective high consumption threshold.

**LEAK ALERT SETTING** provides you with a tool that detects a continuous flow of water through your meter for 1 to 7 days (depending on meter type). This scenario typically indicates a leak for residential single family accounts but may not be an effective indicator for multi-family or commercial accounts.

**Notification Preference** allows you to choose a preferred method of notification (i.e., text, mobile app, email, or phone).

## **Appendix C**

### **2018 WATER & SEWER RATES**

A copy of the 2018 water and wastewater rates is enclosed. Current rates will be posted on Houston's website at: [www.houstonwater.org](http://www.houstonwater.org)

## 2018 WATER & SEWER RATES Effective date April 1, 2018

The basic service charge for both water and sewer is affected by the water meter size. For all classes that include sewer, the water consumption is used to determine the appropriate sewer consumption charge.

### **Single-Family Residential – TU 01, 02, & 03:**

The basic charge for each meter size is listed below. For simplicity, this table adds volume and base charges together for 1,000 to 6,000 gallons. From 7,000 to 12,000 gallons the rate is \$5.32 per 1,000 gallons, regardless of meter size. Starting at 13,000 gallons, the rate is \$8.76 per 1,000 gallons.

Water Rates				
	5/8 or 3/4" meters	1 inch meter	1.5 inch meter	2 or 3 inch meter
<b>Basic charge, per meter size</b>	\$ 5.39	\$ 6.67	\$ 10.11	\$11.91
The numbers below this line include both Base and Volume charges				
<b>1,000 gallons</b>	\$5.54	\$6.82	\$10.26	\$12.05
<b>2,000 gallons</b>	\$12.62	\$13.90	\$17.34	\$19.13
<b>3,000 gallons</b>	\$13.04	\$14.32	\$17.76	\$19.56
<b>4,000 gallons</b>	\$24.67	\$25.95	\$29.39	\$31.18
<b>5,000 gallons</b>	\$29.57	\$30.85	\$34.29	\$36.08
<b>6,000 gallons</b>	\$34.46	\$35.74	\$39.18	\$40.98
<b>7,000 to 12,000 gallons</b>	The total charge for 6,000 gallons + \$5.32 per 1,000 gallons			
<b>Over 12,000 gallons</b>	The total charge for 12,000 gallons + \$8.76 per 1,000 gallons			

Sewer Rates					
	5/8 or 3/4" meters	1 inch meter	1.5 inch meter	2 inch meter	3 inch meter
<b>Basic charge, per meter size</b>	\$11.45	\$12.04	\$13.94	\$14.53	\$26.02
The numbers below this line include both Base and Volume charges					
<b>1,000 gallons</b>	\$11.64	\$12.23	\$14.13	\$14.72	\$26.21
<b>2,000 gallons</b>	\$12.02	\$12.61	\$14.51	\$15.10	\$26.59
<b>3,000 gallons</b>	\$12.32	\$12.91	\$14.81	\$15.40	\$26.89
<b>4,000 gallons</b>	\$28.25	\$28.84	\$30.74	\$31.33	\$42.82
<b>5,000 gallons</b>	\$34.01	\$34.60	\$36.50	\$37.09	\$48.58
<b>6,000 gallons</b>	\$42.39	\$42.98	\$44.88	\$45.47	\$56.96
<b>Over 6,000 gallons</b>	The total charge for 6,000 gallons + \$8.38 per 1,000 gallons				

**EXAMPLES OF RESIDENTIAL BILLINGS:**

1,000 gallons, 5/8" meter	<b>\$ 5.54 Water</b> <b>\$ 11.64 Sewer</b>		
<b>Total/Month</b>	<b>\$ 17.18</b>		
7,000 gallons, 5/8" meter	<b>\$ 39.78 Water</b> <b>\$ 50.77 Sewer</b>	Water Charges	Sewer Charges
<b>Total/Month</b>	<b>\$ 90.55</b>	\$34.46 for 6,000 gallons plus 1,000 gallons at \$5.32 = \$39.78	\$42.39 for 6,000 gallons plus 1,000 gallons at \$8.38 = \$50.77
14,000 gallons, 5/8" meter	<b>\$ 83.90 Water</b> <b>\$109.43 Sewer</b>	\$34.46 for 6,000 gallons plus 6,000 gallons at \$5.32 plus 2,000 gallons at \$8.76 = \$83.90	\$42.39 for 6,000 gallons plus 8,000 gallons at \$8.38 = \$109.43
<b>Total/Month</b>	<b>\$193.33</b>		

**Multi-Family – TU 14-19:**

- 14 (duplex – 2 units)
- 15 (tri-plex – 3 units)
- 16 (quad-plex – 4 units)
- 17 (master-metered townhomes – any number of units)
- 18 (apartments — 5+ units)
- 19 (trailer parks)

Consumption is no longer included with the basic charge. The volume charges are applied to all usage.

Rate	Meter size (Inches)	Basic Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$5.60	\$9.85
	¾	\$5.77	\$9.85
	1	\$6.94	\$10.34
	1.5	\$10.51	\$12.00
	2	\$12.37	\$12.49
	3	\$32.74	\$22.38
	4	\$44.62	\$25.35
	6	\$76.47	\$36.22
	8	\$199.68	\$87.97
	10	\$199.68	\$106.92
Volume Charge	All	+ \$4.31 per 1,000 gallons	+ \$6.26 per 1,000 gallons

**Commercial – TU 21-60:**

Consumption is no longer included with the basic charge. The volume charges are applied to all usage.

Rate	Meter Size (Inches)	Basic Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 5.60	\$9.85
	3/4	\$ 5.77	\$9.85
	1	\$ 6.94	\$10.34
	1.5	\$ 10.51	\$12.00
	2	\$ 12.37	\$12.49
	3	\$ 32.74	\$22.38
	4	\$ 44.62	\$25.35
	6	\$ 76.47	\$36.22
	8	\$ 199.68	\$87.97
	10	\$ 199.68	\$106.92
Volume Charge	All	+ \$4.42 per 1,000 gallons	+ \$6.26 per 1,000 gallons

**Industrial, No Surcharge – (WSC 6) TU 21-60, 61, 62:**

Industrial rates include a monthly basic charge and volume charges for both water and sewer. No consumption is included with the basic charge for water or sewer. Some customers are billed for sewer only, based on readings from non-City of Houston water meters.

Rate	Meter Size (Inches)	Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 5.60	\$16.65
	3/4	\$ 5.77	\$16.65
	1	\$ 6.94	\$16.65
	1.5	\$ 10.51	\$16.65
	2	\$ 12.37	\$16.65
	3	\$ 32.74	\$22.18
	4	\$ 44.62	\$25.35
	6	\$ 76.47	\$36.22
	8	\$ 199.68	\$87.97
	10+	\$ 199.68	\$106.92
Volume Charge	All	+ \$4.42 per 1,000 gallons	Up to 2,000 gallons at \$3.85 per 1,000 gallons
			All over 2,000 gallons at \$6.85 per 1,000 gallons.

## **Transient Meters – TU 71:**

These accounts have rental fees, base charges and consumption charges.

Rate	Basic Water Charge		
	1"	2"	3"
Basic Charge/Rental Fee (0 consumption)	\$18.68	\$24.91	\$31.13
Volume Charges	+\$4.96 per 1,000 gallons		

Please refer questions to Krystal Jones at 832-395-6285, or fax to 713-371-1122.

## **Lawn/Outdoor Meters – TU 72:**

No consumption is included with the basic charge. Volume charges are applied to all usage, but there are two rate tiers. The "defined quantity" marks the point where the tier changes, which is different for each meter size. Volumes up to the defined quantity are charged at the lower rate tier; volumes in excess of the defined quantity are charged at the higher rate tier.

Rate	Meter Size (Inches)	Basic Water Charge	Defined Quantity (First Tier of Volume Charges)
Basic Rate, per meter size, (plus first tier of volume charges)	5/8	\$ 27.87	None – all consumption at 2 <sup>nd</sup> tier
	3/4	\$ 27.87	None – all consumption at 2 <sup>nd</sup> tier
	1	\$ 31.24	None – all consumption at 2 <sup>nd</sup> tier
	1.5	\$ 82.94	Up to 10,000: + \$3.24 per 1,000 gallons
	2	\$ 128.20	Up to 16,000: + \$3.24 per 1,000 gallons
	3	\$ 278.31	Up to 35,000: + \$3.24 per 1,000 gallons
	4	\$ 471.17	Up to 60,000: + \$3.24 per 1,000 gallons
	6	\$ 970.28	Up to 125,000: + \$3.24 per 1,000 gallons
	8	\$ 1403.13	Up to 180,000: + \$3.24 per 1,000 gallons
	10	\$ 1403.13	Up to 180,000: + \$3.24 per 1,000 gallons
<b>Volume Charges Second Tier (All meter sizes)</b>	All consumption over defined quantity: + \$7.46 per 1,000 gallons		

### **EXAMPLES OF LAWN BILLING:**

<u>5/8" Meter w/2,000 gallons</u>		<u>1" Meter w/12,000 gallons</u>		<u>3" meter w 60,000 gallons</u>		<u>6" meter w 60,000 gallons</u>	
Basic:	\$27.87	Basic:	\$31.24	Basic:	\$278.31	Basic:	\$970.28
2nd tier: 2*7.26	\$14.52	2 <sup>nd</sup> tier: 12*7.46	<u>\$89.52</u>	1 <sup>st</sup> tier: 35*3.24	\$113.40	1 <sup>st</sup> tier: 60*3.24	\$194.40
				2 <sup>nd</sup> tier: 25*7.46	\$186.50		
TOTAL:	\$42.39	TOTAL:	\$120.76	TOTAL:	\$578.21	TOTAL:	\$1164.68

## Other Classes:

### **Industrial w/Surcharge – (WSC 9) TU 21-60, 61, 62, 63:**

Industrial rates include a monthly basic charge and volume charges for both water and sewer. Some customers are billed for sewer only, based on readings from non-City of Houston water meters. These customers take their water from non-City of Houston sources and may choose to install a water meter of the type and standard approved by the department for the purpose of measuring the amount of water taken into such facilities. The water consumption indicated by such meter shall be the basis of determining the sewer charge. Rates are the same as if the water is from City of Houston source.

No consumption is included with the basic charge for water or sewer. While the basic charge for water and sewer is determined by meter size, the volume charge for sewer may vary based on the results of effluent testing.

Rate	Meter Size (Inches)	Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 5.60	\$16.65
	3/4	\$ 5.77	\$16.65
	1	\$ 6.94	\$16.65
	1.5	\$ 10.51	\$16.65
	2	\$ 12.37	\$16.65
	3	\$ 32.74	\$22.18
	4	\$ 44.62	\$25.35
	6	\$ 76.47	\$36.22
	8	\$ 199.68	\$87.97
	10+	\$ 199.68	\$106.92
Volume Charge	All	+ \$4.61 per 1,000 gallons	See below

Additional surcharges for industrial sewer accounts are determined by application of a special formula to the results of effluent tests:

$$R = X + (BOD * 8.337 * Y/1000) + (SS * 8.337 * Z/1000)$$

Or  $R = \text{Rate} / \text{TG}$  as 47-122(b)(2)(b), whichever is greater

Where:

$X = \$4.61$  per 1000 gallons,  $R = 8.337$ ,  $Y = \$0.7932 / \text{lb.}$ ,  $Z = \$0.3131 / \text{lb.}$

$BOD =$  Five-day, 20 degrees Centigrade biochemical oxygen demand content of the waste delivered, in mg/l.

$SS =$  Suspended solids content of the waste delivered, in mg/l.

Any questions on how the surcharges are calculated, or regarding prohibited discharges, should be referred to the Wastewater Operations Branch by calling (832) 395-5779 or by emailing [allison.osborne@houston.tx.gov](mailto:allison.osborne@houston.tx.gov).

**Resale — TU 73:**

These customers purchase water from the City of Houston for resale.

Rate	Meter Size (Inches)	Basic Water Charge
Basic Charge, per meter size (0 consumption)	5/8	\$21.14
	3/4	\$21.14
	1	\$24.51
	1.5	\$60.48
	2	\$92.23
	3	\$199.65
	4	\$336.33
	6	\$689.36
	8 and above	\$998.62
Volume Charge (All meter sizes, all consumption)	\$5.30 per 1,000 gallons	

**Emergency Backup Service — TU 74:**

The Contact Center at 713-371-1400 can answer routine questions about these accounts. To notify UCS of EBS use, fax the report to 832-395-5255.

Rate	Meter Size (Inches)	Basic Water Charge
Basic Charge, per meter size (0 consumption)	5/8, 3/4	\$ 8.03
	1	\$ 11.42
	1.5	\$ 16.85
	2	\$ 22.43
	3	\$ 46.98
	4	\$ 74.57
	6	\$ 144.05
	8	\$ 213.39
	10+	\$ 220.89
Volume Charge (All meter sizes, all consumption)	\$8.20 per 1,000 gallons	

### **Un-Metered Fire Line Charge – TU 21-60, 75:**

Un-metered fire lines are charged a flat fee every month, under the provisions of City of Houston Ordinance §47-64. These lines must be equipped with backflow prevention assemblies.

<b><i>Corresponding size of the diameter of service line</i></b>	<b>Monthly Charge for Basic Service</b>
<i>5/8 inch</i>	\$14.66
<i>3/4 inch</i>	\$14.66
<i>1.0 inch</i>	\$14.66
<i>1.5 inch</i>	\$58.39
<i>2.0 inch</i>	\$86.11
<i>3.0 inch</i>	\$86.11
<i>4.0 inch</i>	\$86.11
<i>6.0 inch</i>	\$95.92
<i>8.0 inch</i>	\$163.73
<i>10.0 inch</i>	\$220.88

### **Metered Fire Line Charge Only – TU 21-60:**

These customers have their fire service isolated from the remainder of the water supply, and served through an independent meter. Normally they will have zero consumption, but a consumption charge applies if consumption occurs.

<b>Rate</b>	<b>Meter Size (Inches)</b>	<b>Basic Water Charge</b>
Basic Charge, per meter size (0 consumption)	5/8	\$5.60
	¾	\$5.77
	1	\$6.94
	1.5	\$10.51
	2	\$12.37
	3	\$32.74
	4	\$44.62
	6	\$76.47
	8 and above	\$199.68
Volume Charge (All meter sizes, all consumption)	\$4.42 per 1,000 gallons	

### **Un-Metered Sewer Only Customer – TU 81-82:**

Special rates apply to sewer customers without City of Houston water or effluent meters. These are monthly rates, but will continue to be billed on a bi-monthly basis.

Class	Monthly Fee
Single Family Residential	\$28.25
Duplex	\$59.92
Multi-family (3+ units)	\$35.04 per single family unit
Commercial	\$66.13 per unit (defined in §47-1002)
Industrial	\$66.10 per unit (defined in §47-1002)

### **Contract, Untreated and Reclaimed Water (TU 91):**

Treated Water (TU 91) – contracted

	R1=	\$3.064	/ TG	R2=	\$3.739	/TG	N=	\$0.760	/ TG	N=	\$0.760	/TG
with airgap water: $p * R1 + (p-m) * N1$ without airgap = $p * R2 + (p - m) * N2$ (p: total water delivery in the month, M: minimum monthly water quantity in contract)												

Untreated Water (TU 91) – no contract

Consumption (/TG)	Per /TG
0 - 10,000	\$1.7544
11,000-20,000	\$1.5764
21,000-50,000	\$1.4867
51,000-150,000	\$1.3970
151,000 & up	\$1.3521

Reclaimed/ Untreated Water (TU 91) – contracted

Surcharge (\$)	Quantity Charge (/TG)
R= \$0.7013 /TG	\$0.7013
If $(P - M) > 10\% M$ , $S = P * R * 5\%$ (M; Max. Qty in contract)	

If you have further questions on these accounts, contact Monique Pichon in Contract Water at (832) 395-6304 or Maria Carrillo 832-395-6220.

### **Contract Sewer:**

These rates vary, based on whether the contracting district has participated in capital outlays.

If you have further questions on these accounts, contact Monique Pichon in Contract Water at (832) 395-3604 or Maria Carrillo 832-395-6220.

### **Agricultural and Rice Farmers (TU 91):**

Agricultural - General

<b>Quantity Charge (/MG)</b>	<b>\$143.11</b>
------------------------------	-----------------

Agricultural - Rice

<b>First Watering (/MG or /Acre)</b>	<b>\$143.11</b>
<b>Additional Watering (/MG or /Acre)</b>	<b>\$26.03</b>

If you have further questions on these accounts, contact Monique Pichon in Contract Water at (832) 395-3604 or Maria Carrillo 832-395-6220.

### **Groundwater Reduction Plan (GRP) Participants:**

GRP:  $R \cdot P \cdot Q$  where

- R is the base rate for contract treated water customer receiving water through airgap
- P is the percentage reduction for groundwater production required for GRP participant
- Q is the quantity of groundwater produced by the GRP participant during the month.

	<b>R1=</b>	\$3.064	<b>/ TG</b>	<b>R2=</b>	\$3.739	<b>/TG</b>	<b>N=</b>	\$0.760	<b>/ TG</b>	<b>N=</b>	\$0.760	<b>/TG</b>
with airgap water: $p \cdot R1 + (p - m) \cdot N1$ without airgap = $p \cdot R2 + (p - m) \cdot N2$ (p: total water delivery in the month, M: minimum monthly water quantity in contract)												

If you have further questions on these accounts, contact Veronica Osegueda at (832) 395-3080.

*For additional reference, see chart on next page.*

## **Fee Schedule**

Name	Description	Statutory Authority	Amount	As Of
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from 1,000 to 10,000 gallons, per 1,000 gallons	47-84(d)(1)	\$1.7544	4/1/2018
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 10,000 to 20,000 gallons, per 1,000 gallons (in addition to Volume Charge for the first increment of 10,000 gallons)	47-84(d)(2)	\$1.5764	4/1/2018
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 21,000 to 50,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first increment of 10,000 gallons and for the second increment of 10,000gallons)	47-84(d)(3)	\$1.4867	4/1/2018
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 51,000 to 150,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first increment of 10,000 gallons, the second increment of 10,000 gallons and the third increment of 30,000 gallons)	47-84(d)(4)	\$1.3970	4/1/2018
Water Rates	Untreated Water Sales No Contract Standard Rate for volume over 151,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first 10,000 gallons, the second increment of 10,000 gallons, the third increment of 30,000 gallons and the fourth increment of 100,000 gallons)	47-84(d)(5)	\$1.3521	4/1/2018
Water Rates	Contract Untreated Water sold in excess of contract amount, per 1,000 gallons	47-85	\$0.7013	4/1/2018
Water Rates	Contract Untreated Water for agricultural use, general agriculture, per 1,000 gallons	47-89(b)(1)	\$143.11	4/1/2018
Water Rates	Contract Untreated Water for agricultural use, rice irrigation, rate for first watering, per acre of contracted land (if diverted through a meter on canal / conveyance system - per 1,000 gallons actually used)	47-89(b)(2)a	\$143.11	4/1/2018
Water Rates	Contract Untreated Water for agricultural use, rice irrigation, Rate for each additional watering, per acre of contracted land (if diverted through a meter on canal / conveyance system - per 1,000 gallons actually used)	47-89(b)(2)b	\$26.03	4/1/2018

## **Appendix D**

### **Ordinance Adopting the 2019 Water Conservation Plan**

A sample copy of the Houston City Council ordinance for the adoption of this Plan is enclosed in the next page. The sample copy will be replaced with the signed copy after the adoption of the Plan.

City of Houston, Texas Ordinance No. \_\_\_\_\_

**AN ORDINANCE APPROVING A WATER CONSERVATION PLAN FOR MUNICIPAL USES AND AN UPDATED DROUGHT CONTINGENCY PLAN FOR THE CITY OF HOUSTON; PROVIDING FOR SEVERABILITY; MAKING VARIOUS FINDINGS AND PROVISIONS RELATING TO THE SUBJECT MATTER; AND DECLARING AN EMERGENCY.**

\* \* \* \* \*

**WHEREAS**, Texas Water Code Section 11.1271 requires that each holder of an existing permit, certified filing, or certificate of adjudication for the appropriation of surface water in excess of 1,000 acre-feet per year for municipal, industrial and other purposes must develop, submit and implement a water conservation plan meeting the requirements of the Texas Water Code as well as the criteria developed by the Texas Commission on Environmental Quality (the “TCEQ”); and

**WHEREAS**, TCEQ Rules at 30 Texas Administrative Code §288.2 require that a water conservation plan be updated every five years; and

**WHEREAS**, the City of Houston has permits for surface water in excess of 1,000 acre-feet of water per year and provides wholesale and retail water service for municipal, industrial and other uses to its customers; and

**WHEREAS**, the City Council adopted a Water Conservation Plan by Ordinance No. 2009-935 on October 7, 2009; and

**WHEREAS**, on September 10, 2014, City Council approved the required five-year update to the Plan by Ordinance No. 2014-836; and

**WHEREAS**, on February 24, 2016, City Council approved the TCEQ administrative additions to the City of Houston’s Water Conservation Plan by Ordinance No. 2016-0006; and

**WHEREAS**, the City of Houston adopted its previous drought contingency plan by Resolution 2013-0028 on May 29, 2013; and

**WHEREAS**, TWDB requires that Houston's Water Conservation Plan include a copy of Houston's Drought Contingency Plan that meets the requirements set forth in TWDB's Water Conservation Plan Guidance Checklist, Form TWDB-1968; and

**WHEREAS**, the City of Houston finds it advantageous to provide identical approval dates for both the water conservation plan and the drought contingency plan; and

**WHEREAS**, the City of Houston intends to comply with the requirements of Texas Water Code, the Texas Administrative Code and the TCEQ regarding its Water Conservation Plan and Drought Contingency Plan; **NOW THEREFORE**,

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HOUSTON, TEXAS:**

Section 1. That the findings contained in the Preamble of this Ordinance are determined to be true and correct and are hereby adopted as part of this Ordinance.

Section 2. The City Council hereby approves the Water Conservation Plan for Municipal Uses, which is attached hereto as Exhibit "A", and incorporated herein by reference.

Section 3. The City Council hereby approves the updated Drought Contingency Plan for the City of Houston, which is attached hereto as Exhibit "B", and incorporated herein by reference.

Section 3. All Ordinances in conflict herewith are repealed to the extent of conflict only.

Section 4. If any provision, section, subsection, sentence, clause, or phrase of this Ordinance, or the application of same to any person or set of circumstances is for any reason held to be unconstitutional, void or invalid, the validity of the remaining portions of this Ordinance or their application to other persons or sets of circumstances shall not be affected thereby, it being the intent of the City Council in adopting this Ordinance that no portion hereof or provision or regulation contained herein shall become inoperative or fail by reason of any unconstitutionality,

voidness or invalidity of any other portion hereof, and all provisions of this Ordinance are declared to be severable for that purpose.

Section 5. There exists a public emergency requiring that this Ordinance be passed finally on the date of its introduction as requested in writing by the Mayor; therefore, this Ordinance shall be passed finally on such date and shall take effect immediately upon its passage and approval by the Mayor; however, in the event that the Mayor fails to sign this Ordinance within five days after its passage and adoption, it shall take effect in accordance with Article VI, Section 6, Houston City Charter.

**PASSED AND ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2014.

**APPROVED** this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
Mayor of the City of Houston, Texas

Pursuant to Article VI, Section 6, Houston City Charter, the effective date of the foregoing Ordinance is \_\_\_\_\_.

\_\_\_\_\_  
City Secretary

Prepared by Legal Dept. \_\_\_\_\_)  
(GHW/dg 6/3/2019) Senior Assistant City Attorney  
(Requested by Carol Ellinger Haddock, P.E., Director, Houston Public Works)  
(L.D. File No. 0631900178001)

**Appendix E**  
**Letter to Region H**

A sample copy of the notification letter to the Region H Water Planning Group is enclosed in the next page. The sample copy will be replaced with the signed copy after the adoption of the Plan.



**CITY OF HOUSTON**  
Houston Public Works

**Sylvester Turner**

Mayor

Carol Ellinger Haddock, P.E.  
Director  
P.O. Box 1562  
Houston, Texas 77251-1562

832.395.2500  
[www.publicworks.houstontx.gov](http://www.publicworks.houstontx.gov)

June 20, 2019

Mr. Mark Evans  
Chair, Region H Water Planning Group  
3648 Cypress Creek Pkwy. #110  
Houston, TX 77068

RE: 2019 City of Houston Water Conservation Plan

Dear Mr. Evans,

Per enclosed, please find a copy of the 2019 City of Houston Water Conservation Plan and the 2019 Drought Contingency Plan (included in the appendix). This plan is the required 5-year update for the 2014 City of Houston Water Conservation Plan. As per the Texas Administrative Code Title 30 Chapter 288, the City is required to notify Region H Water Planning Group of this update. A copy of this plan is also being provided to the Texas Commission on Environmental Quality and the Texas Water Development Board.

Respectfully,

Carol Ellinger Haddock, P.E.  
Director

**Appendix F**  
**2019 Drought Contingency Plan**

The 2019 Drought Contingency Plan is enclosed in the next page.

**DROUGHT CONTINGENCY PLAN  
CITY OF HOUSTON**

**CCN# 99144  
PWS# 1010013**

**July 2019**

**Section 1 Declaration of Policy, Purpose, and Intent**

The purpose of the Drought Contingency Plan (the “Plan”) is to establish policies and procedures for the City of Houston to follow in case of a water shortage emergency. A water shortage emergency caused by drought or other uncontrollable circumstances that hinder the City of Houston’s ability to meet water demand can range from mild to critical and can disrupt the normal availability of water supplies. Therefore, it is important that the City of Houston establish this procedure so that guidelines exist in the event that a water shortage emergency occurs. The City of Houston Code of Ordinances at Chapter 47, Article VII contains the policy regarding the actions the City of Houston will take in the event of a water shortage or emergency. Definitions of terms used throughout the Plan can be found in Section 47-249 of Article VII.

**Section 2 Public Involvement**

Opportunity for the public to provide input into the preparation of the Plan was provided by:

(check at least one of the following)

- Scheduling and providing public notice of a public meeting to accept input on the Plan
- Mailed survey with summary of results (attach survey and results)
- Bill insert inviting comment (attach bill insert)
- Other method: Not applicable. The Plan has not changed since its adoption by the Houston City Council in 2014.

### **Section 3    Public Education**

The City of Houston will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage.

Drought plan information will be provided by:

(check at least one of the following)

- public meeting
- press releases
- utility bill inserts
- The Plan will be available on the City of Houston’s websites.

### **Section 4    Coordination with Regional Water Planning Groups**

The service area of the City of Houston is located within the Region H Water Planning Group. The City of Houston will mail a copy of the Plan to Regional H on June 13, 2019.

## **Section 5 Notice Requirements**

Written notice will be provided to each customer **prior to implementation or termination of each stage of the water restriction program**. Mailed notice will be given to each customer 72 hours prior to the start of water restriction. If notice is hand delivered, the City of Houston understands it cannot enforce the provisions of the Plan for 24 hours after notice is provided. The written notice to customers will contain the following information:

1. the date restrictions will begin;
2. the circumstances that triggered the restrictions;
3. the stages of response and explanation of the restrictions to be implemented;  
and
4. an explanation of the consequences for violations.

**The City of Houston will notify the TCEQ by telephone at (512) 239-4714, or electronic mail at [watermon@tceq.state.tx.us](mailto:watermon@tceq.state.tx.us) prior to implementing Stage II and will notify in writing the Public Drinking Water Section at MC - 155, P.O. Box 13087, Austin, Texas 78711-3087 within five (5) working days of implementation including a copy of the City's restriction notice. The City of Houston will file a status report of its restriction program with the TCEQ at the initiation and termination of mandatory water use restrictions (i.e., Stages II through IV).**

## **Section 6 Violations**

With the exception of customers with water service contracts, in accordance with Section 54.001 of the Texas Local Government Code, any person who violates any provision of this article shall be guilty of an offense and upon conviction thereof, shall be punished by a fine of not less than \$100.00 nor more than \$2,000.00 for each violation. Each act of city water use in violation of this article shall constitute and be punishable as

a separate offense. Each day that any violation continues shall constitute and be punishable as a separate offense. Unless another penalty is specifically provided by this Code or by state law, the penalty for violation of any provision of this article shall be as follows:

(1) **For violations of stage two water shortage**, the department may issue a written warning to a customer for a first-time violation. Any subsequent violations are subject to a fine of \$100.00 to \$2,000.00.

(2) **For violations of stage three water shortage**, the department may issue a written warning to a customer for a first-time violation. Any subsequent violations are subject to a fine of \$500.00 to \$2,000.00. Additionally, the director may monitor the water account of any customer who has been convicted of a violation of [section 47-253](#). Daily monitoring may continue through the end of the existing water shortage period. The director may turn off city water if a customer has violated the authorized water use during a stage three water shortage on three separate instances within a 30-day period. Water service may be reinstated to a customer after a termination only upon a) payment of all applicable fines and any outstanding water service charges; and b) agreeing to the maximum rate in existence, regardless of the customer's billing rate class, for all future water service provided during the 12 months immediately following the termination and filing such agreement in writing with the department.

(3) **Violations of stage four water shortage** are subject to fines of \$1,000.00 to \$2,000.00. Additionally, all customers exceeding the allowed water usage during a stage four water shortage by ten percent or more shall pay a 20 percent surcharge for the current and two subsequent billing periods. The director may also turn off city water if a customer has exceeded the authorized water use during a stage four water shortage on three separate instances within a 30-day period. Water service may be reinstated to a customer after termination only upon a) payment of all applicable fines and any outstanding water service charges; and b) agreeing to the maximum rate in existence, regardless of the

customer's billing rate class, for all future water service provided during the 12 months immediately following the termination and filing such agreement in writing with the department.

In the event that a customer with a water service contract engages in the unauthorized use of city water, the city shall have the right to pursue any and all rights and remedies allowed under existing contracts with customers, and any and all remedies allowed under Texas law.

## **Section 7    Exemptions or Variances**

The utility official may grant in writing a temporary variance for an otherwise prohibited water use if the utility official determines that:

- (1) Failure to grant the variance would cause an emergency condition immediately threatening the life, safety, welfare, or fire protection of the public, the person requesting the variance, or the environment; or
- (2) The applicant cannot comply with the prohibition for technical reasons; or
- (3) The applicant agrees to implement alternative methods that will achieve the same or a greater level of reduction in water use.

An application for a variance shall be made in writing with the utility official and shall include the following:

- (1) Name and address of the applicant;
- (2) Purpose of water use;
- (3) Specific provision(s) of this article from which the applicant is requesting relief;

(4) A detailed statement as to how the specific provision(s) of this article adversely affects the applicant or what damage or harm will occur to the applicant or others if the applicant complies with this article;

(5) Description of the relief requested;

(6) Period of time for which the variance is sought;

(7) Alternative water use restrictions or other measures the applicant is taking or proposes to take to conform to the provisions of this article and the compliance date; and

(8) Other pertinent information reasonably required by the utility official to determine whether the criteria of subsection (a) have been met.

No variance shall be retroactive or otherwise justify any violation of the prohibitions hereunder occurring prior to the issuance of the variance. A variance is valid for only the declared water shortage period in existence at the time of issuance and shall expire at the conclusion of the existing water shortage period. If the conclusion of the existing water shortage period is immediately followed by a newly declared water shortage period, consisting of either more or less threatening conditions, a new application for a variance must be filed in accordance with subsection (b) of this section. Notwithstanding the foregoing, a variance may be applied retroactively if issued to a residential customer who is a member of a family consisting of five or more persons living in a single residential unit served by a single water meter.

## **Section 8    Response Stages**

### **STAGE I – ABNORMAL CONDITIONS (VOLUNATARY):**

**Target:**    Achieve a FIVE percent reduction in OVERALL water use.

#### **Stage I will begin:**

When the director finds that the city's water supply system is under stress because of lower than average annual rainfall, temperatures that are higher or lower than normal, or other circumstances.

#### **Stage I will end:**

When the director finds that the abnormal conditions leading to the declaration either no longer exist, have been mitigated, or have been escalated, and the director files a written declaration to that effect with the city secretary.

#### **Utility Measures:**

The director's declaration, which may cover all or a portion of the city's water supply system, shall be in writing and filed with the city secretary. City departments' water use reduction plans shall be implemented immediately upon the declaration of a stage one water shortage period and shall remain in effect until the conclusion of the water shortage period.

#### **Voluntary Water Use Restrictions:**

Unless otherwise stated in the declaration, all customers are requested to take the following voluntary water use restriction measures:

- (1) Check for and repair all leaks, dripping faucets, and running toilets;
- (2) Check for and correct excessive irrigation or uncorrected leaks that result in city water leaving the customer's property by drainage onto adjacent properties or public or private roadways or streets or gutters; and
- (3) Irrigate between 7:00 p.m. and 5:00 a.m. of the following day on no more than two days per week in conformity with the following schedule:
  - a. Sundays and Thursdays for single-family residential customers with even-numbered street addresses; and
  - b. Saturdays and Wednesdays for single-family residential customers with odd-numbered street addresses; and
  - c. Tuesdays and Fridays for all other customers.

## **STAGE II - SEVERE CONDITIONS (MANDATORY):**

**Target:** Achieve a TEN percent reduction in OVERALL water use.

The City of Houston will implement Stage II when, upon the recommendation of the director of the Public Works and Engineering Department, the mayor declares a stage two water shortage upon finding that one or more of the following conditions exist that may impact all or a portion of the city's water supply system:

**Triggers:**

- (1) Combined total storage of surface water supply is less than 24 months,

based on a calculated projection of monthly production of city water that includes historic production and information provided by customers;

- (2) Combined total storage of surface water supply is less than 16 months, based on a calculated projection of current water production for the most recent 24-hour period;
- (3) Current water production is 80 percent of the available treatment capacity;
- (4) Loss of approximately 20 percent of available treatment capacity; or
- (5) Water pressure readings of 45 pounds per square inch or less throughout all or material portions of the city's treated water distribution system.

**Upon initiation and termination of Stage II, the City of Houston will mail a public announcement to its customers. Notice to TCEQ required.**

Requirements for Termination:

A stage two water shortage ends when the mayor declares, based on the recommendation from the director that the severe conditions leading to the declaration either no longer exist, have been mitigated, or have been escalated, and the director files a written declaration to that effect with the city secretary.

Utility Measures:

City departments' water use reduction plans shall be implemented immediately upon the declaration of a stage four water shortage period and shall remain in effect until the conclusion of the water shortage period.

The second water source for City of Houston is: (check one)

- Inter-connection with other system

- Purchased water
  
- Other: Groundwater

Mandatory Water Use Restrictions:

During a stage two water shortage, unless otherwise stated in the declaration, all classes of customers are subject to mandatory restrictions of outdoor use. During a stage two water shortage, outdoor use shall be unlawful with the exception of the following time periods as specified in the declaration:

- (1) Between 7:00 p.m. and 5:00 a.m. of the following day on no more than two days per week in conformity with the following schedule:
  - a. Sundays and Thursdays for single-family residential customers with even-numbered street addresses; and
  - b. Saturdays and Wednesdays for single-family residential customers with odd-numbered street addresses; and
  - c. Tuesdays and Fridays for all other customers; or
- (2) Between 7:00 p.m. and 5:00 a.m. of the following day on no more than one day per week in conformity with the following schedule:
  - a. Saturdays for single-family residential customers with odd-numbered addresses;
  - b. Sundays for single-family residential customers with even-numbered addresses; and
  - c. Tuesdays for all other customers.

Any outdoor water use that results in city water leaving the customer's property by drainage onto adjacent properties or public or private roadways or streets or gutters shall be unlawful.

### **STAGE III – EXTREME CONDITIONS (MANDATORY):**

**Target:** Achieve a **TWENTY** percent reduction in **OVERALL** water use.

**Triggers:**

The water utility will implement Stage III when any one of the selected triggers is reached that may impact all or a portion of the city's water supply system:

- (1) Combined total storage of surface water supply is less than 18 months based on a calculated projection of monthly production of city water that includes historic production and information provided by customers;
- (2) Combined total storage of surface water supply is less than 12 months, based on a calculated projection of current water production for the most recent 24-hour period;
- (3) Current water production is 85 percent of the available treatment capacity;
- (4) Loss of approximately 25 percent of available treatment capacity; or
- (5) Water pressure readings of 40 pounds per square inch or less throughout all or material portions of the city's treated water distribution system.

**Upon initiation and termination of Stage III, the City of Houston will mail a public announcement to its customers. Notice to TCEQ required.**

**Requirements for Termination:**

A stage three water shortage ends when, upon the recommendations of the director and the mayor, the city council finds that the extreme conditions leading to the declaration either no longer exist, have been mitigated, or have been escalated, and the city council files a written declaration to that effect with the city secretary.

Utility Measures:

City departments' water use reduction plans shall be implemented immediately upon the declaration of a stage four water shortage period and shall remain in effect until the conclusion of the water shortage period.

Mandatory Water Use Restrictions:

During a stage three water shortage, all outdoor use shall be unlawful except that customers may use city water to continue production and protect inventory of their primary business products.

**STAGE IV – EXCEPTIONAL CONDITIONS (MANDATORY):**

**Target: Achieve a THIRTY FIVE percent reduction in OVERALL water use.**

Triggers:

The water utility will implement Stage IV when any one of the selected triggers is reached that may impact all or a portion of the city's water supply system:

- (1) Combined total storage of surface water supply is less than 12 months, based on a calculated projection of monthly production of city water that includes historic production and information provided by customers;
- (2) Combined total storage of surface water supply is less than six months, based on a calculated projection of current water production for the most recent 24-hour period;
- (3) Current water production is 90 percent of the available treatment capacity;  
or
- (4) Water pressure readings of 35 pounds per square inch or less throughout

all or material portions of the city's treated water distribution system.

**Upon initiation and termination of Stage IV, the City of Houston will mail a public announcement to its customers. Notice to TCEQ required.**

Requirements for Termination:

A stage four water shortage ends when, upon the recommendations of the director and the mayor, the city council finds that the exceptional conditions leading to the declaration either no longer exist or have been mitigated, and the city council files a written declaration to that effect with the city secretary.

Operational Measures:

City departments' water use reduction plans shall be implemented immediately upon the declaration of a stage four water shortage period and shall remain in effect until the conclusion of the water shortage period.

Mandatory Water Use Restrictions:

During a stage four water shortage, the following acts or omissions shall be unlawful:

- (1) All outdoor use;
- (2) Use of more than 4,000 gallons of city water per month by single-family residential customers;
- (3) Use of more than 4,000 gallons of city water per month (used per unit, as provided in [section 47-71](#) of City of Houston Code of Ordinance) by multifamily residential customers; and

- (4) For all customers other than residential customers, failure to reduce use of city water by 15 percent of baseline usage, or any other percentage if recommended by the director and adopted by city council in the stage four water shortage declaration.

During a stage four water shortage, the director may authorize a ten percent rate reduction for water usage to customers for reductions of city water use by 20 percent or more than those restrictions set forth in subsection (d), except that the ten percent rate reduction shall not be available to customers whose average monthly usage during the preceding 12-month period was less than 4,000 gallons. The rate reduction for water usage shall be effective for the duration of the existing water shortage period.

Immediately upon the declaration of a stage four water shortage, the city may claim force majeure to all of its existing water service contracts consistent with the terms of such water service contracts and in accordance with applicable state law.

#### **SYSTEM OUTAGE or SUPPLY CONTAMINATION**

The City of Houston will notify the TCEQ Regional Office as soon as communication can be established.

## Appendix G

### Public Comments on the 2019 Water Conservation Plan

Organization/ Citizen	Comment	Staff response
1. Citizen (anonymous) via Public Comment Period for the 2019 Water Conservation Plan Survey 5/28/2019 11:18 PM	A combination of marketing & communication and community outreach. Included in this would be a residential rebate program.	Thank you. We are currently evaluating a residential rebate program.
2. Citizen (anonymous) via Public Comment Period for the 2019 Water Conservation Plan Survey 5/23/2019 3:14 PM	Definitely need to consider educational materials in online site	Yes. We will be working on more visibility via a new Houston Public Works website with a Houston Water page that centralizes all the information about water in one place, including water conservation, quality, billing, regulation, drought contingency plan, tips, and more.
3. Citizen (anonymous) via Public Comment Period for the 2019 Water Conservation Plan Survey 5/21/2019 3:11 PM	Take action against consumers who do not fix their broken waterline after 36 hr. I have seen residents with water gushing down the street unrepaired for almost 10 days.	If you see a broken pipe, please notify Houston as soon as possible by calling Houston's Service Center at 3-1-1 or 713-837-0311. You can also report your request online at <a href="http://www.houston311.org">www.houston311.org</a> . Reporting concerns via 3-1-1 is the fastest way to address your issue and track resolutions.
4. Citizen (anonymous) via Public Comment Period for the 2019 Water Conservation Plan Survey 5/21/2019 3:02 PM	Fix the leaks! I see leaks last for weeks	If you see a broken pipe, please notify Houston as soon as possible by calling Houston's Service Center at 3-1-1 or 713-837-0311. You can also report your request online at <a href="http://www.houston311.org">www.houston311.org</a> . Reporting concerns via 3-1-1 is the fastest way to address your issue and track resolutions.
5. Citizen (anonymous) via Public Comment Period for the 2019 Water Conservation Plan Survey 5/21/2019 12:53 PM	Rainwater Harvesting rebates	Thank you. We are currently evaluating a residential rebate program.
6. Citizen (anonymous) via Public Comment Period for the 2019 Water Conservation Plan Survey 5/20/2019 10:55 PM	Reduced shared metered communities	Thank you for your suggestion.
7. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email	We understand that the state-required 2019 WCP has been prepared prior to the completion of the City's cost-of-service (water rate) study underway this year and that as a result of that timing, decisions about a major revamping of the WCP are being postponed until the results of that study are available and follow-up to the study is done. We also note that the City has hired a new Water Conservation Manager who now directs the Water	We appreciate your comments. We are currently evaluating water conservation programs that will best fit Houston and its current and future customers.

	<p>Conservation Division created within Houston Water this year. Therefore, we acknowledge that the City's water conservation program is in flux at this time and that changes are on the horizon. Our comments on the draft 2019 WCP are made in that context, including suggestions that might shape the City's water conservation efforts moving forward and that might be incorporated into a revised plan later.</p>	
<p>8. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email</p>	<p>While we feel that there have been some improvements in the 2019 WCP from the previous 2014 Plan, and while we believe that several City of Houston activities and initiatives have the potential to enhance efficient water use and reduce per capita water consumption, we must note that Houston's water conservation efforts pale in comparison to that of many other major Texas cities, including Austin, Dallas, El Paso, and San Antonio. Houston is a great city, and it should be a leader – not a follower – in water efficiency and conservation.</p>	<p>We understand your concerns about Houston's water conservation programs not "matching up" to programs offered by other Texas cities. However, among the cities listed, Houston follows second to San Antonio with the lowest total (and residential) GPCD. Dallas, El Paso, Fort Worth, and even Austin currently have higher water use averages compared to Houston.</p> <p>Houston is currently working on improving its water conservation programs. Our goal is to become a leader in water conservation in the region, joining the efforts of other neighboring cities.</p>
<p>9. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email</p>	<p>In the <b>Introduction</b> to the Plan, Houston Water notes the municipal water conservation goals set by the Region H water plan and predicates its water conservation programs on helping the region to meet these goals. We applaud the City for seeking to develop and implement its programs using the Region H water conservation goals because we believe that those goals reflect the Regional Water Planning Group's recommendations for best management practices for water conservation. We encourage Houston Water to consider incorporating all of those best management practices, including reasonable limitations on outdoor landscape water use, into its water conservation program to enhance the chances for meeting the regional goals.</p>	<p>Yes. Houston is evaluating all water management strategies available – not only those recommended by the Region H Water Planning Group, but also new strategies being developed at the national and international level.</p>
<p>10. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email</p>	<p>On page 8, in the discussion of the Houston Wastewater System, the draft WCP notes the large "capacity available to treat additional wastewater – and produce additional water for reuse." Water reuse is one way, of course, for achieving greater water efficiency and reducing the demand for new water. <b>Are there any specific plans on the part of the City of Houston to implement additional reuse projects to take advantage of that capacity?</b> If so, the WCP should describe those plans and discuss how they might affect the City's water use.</p>	<p>Houston is currently evaluating future reuse projects (direct and indirect water reuse as well as gray water reuse) and has developed a Houston Water Reuse Task Force to assess water reuse opportunities. No details are currently available to add to the 2019 Water Conservation Plan.</p>
<p>11. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email</p>	<p>On page 9, in the discussion of Houston water retail customers, the draft WCP presents a table showing water usage by customer class as of 2018, and single family total annual usage and average MGD is roughly 29% of the total. Some studies done in Texas indicate that outdoor landscape watering is the largest single component of single-family water use. <b>Has the City conducted any study of water use by single family retail customers – or any study of water use by its multi family or commercial-industrial-institutional retail customers – to analyze types or patterns of water use that would allow Houston Water to target its water conservation efforts to get the most "bang for its buck?"</b> If not, we would suggest that the</p>	<p>Yes, we agree. There are lots of opportunities in this area, and Houston Water plans to work closely with other service lines, such as Customer Accounts Services (in charge of the Customer Awareness Program) as well as our GIS team to understand our customer base consumer patterns and determine the best programs for each type of customer. In addition, Houston Water will utilize studies already developed in this area to best inform the implementation of new programs.</p>

	<p><b>City contract for such a study or encourage research by one of Houston's academic institutions to generate the data that would allow more precise targeting of conservation efforts.</b> San Antonio Water System has been successful in using such targeting to focus conservation efforts on large outdoor water users. It is possible that a preliminary step for Houston in this regard would be to use the data generated by participants in the Consumer Awareness Program to suggest possible targeting.</p>	
<p>12. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email</p>	<p>On pages 10-12, the draft WCP discusses the topic of Houston's <b>gallons per capita per day (GPCD)</b> in terms of total GPCD, residential GPCD, and water loss GPCD – in addition to water loss percentage. We appreciate the candid discussion of the context for the noted reductions in residential GPCD from the previous version of the WCP – namely the higher than average rainfalls during 2014-2018 that played a role in that reduction.</p> <p>We also appreciate the fact that the 2019 WCP uses a much lower baseline GPCD than the 2014 plan and that the City is committing to continued residential water reductions. However, we feel that <b>the target reduction of 1.6% over a five-year period is well below what could be achieved with an aggressive water conservation program aimed at residential water use.</b> Elements of such a program would include an active rebate or retrofit program to replace existing low efficiency toilets, clothes washers, and other water-using equipment with high-efficiency options and to assist low-income residents in repairing leaking pipes. The current efforts to address damages to residential properties from Hurricane Harvey and other flooding may ironically result in more water conserving fixtures in operation by retail residential water <b>customers, which could help lower GPCD. Again, another component of lowering residential GPCD</b> – a cost-effective one – would be reasonable limitations on outdoor water use.</p>	<p>As described on page 10 of the 2019 City of Houston Water Conservation Plan, Houston's current baselines (5-year historical averages) of 129 for the total GPCD and 62 for the residential GPCD fall into "the efficiency range," per the 2004 Water Conservation Task Force, which utilizes a target goal of 140 or less for the total GPCD.</p> <p>Therefore, Houston plans to implement the percentage of target reduction proposed in the 2019 Water Conservation Plan. We will revisit this percentage of target reduction during the development of the 2024 Plan.</p>
<p>13. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email</p>	<p>The GPCD and related discussion on pages 11-12 also covers the topic of water loss. <b>The draft notes that Houston's water loss is approximately 19% based on the last five years. The comparable figure in the 2014 WCP for five years previous to that plan's development was 14%, indicating that the City has lost ground in tackling this persistent issue.</b></p> <p><b>We believe that the 2019 WCP should explain why the City was not able to meet the 2014 WCP's five-year water loss reduction goal of 11.2%, indeed why the water loss percentage for 2014-2018 was 19% (and was approximately 17% for the year in 2018). One reason this would be important would be to better understand how realistic the 2019 WCP is in trying to reverse this situation and actually achieve a one percent reduction each year (5% over five years), which is a more aggressive scenario than the 2% reduction over five years that was anticipated in the</b></p>	<p>It is in Houston's best interest to reduce water loss. Houston is aware that there is room for improvement in this area.</p> <p>The size and age of Houston's transmission and distribution system make this system one of the most challenging and complex systems in the world.</p> <p>Houston Water has a team of experts in this field that determines Capital Improvement Projects on an annual basis (scheduled projects). Currently, 2% of Houston's pipeline system is scheduled to be replaced and/or rehabilitated annually. This is 140 miles of pipeline per year - in addition to emergency repairs.</p> <p>Houston Water has created an internal Water Loss Task Force to identify opportunity areas and improve (reduce) water loss percentages over the next years, with the goal of achieving 10% or less water loss.</p>

	<p><b>2014 WCP.</b>  <b>We realize and appreciate that on pages 12-15 of the draft 2019 WCP the efforts to address water loss through water main replacement (including the commitment of \$107 million for capital improvement projects in the water distribution system), the Advanced Metering Infrastructure (AMI) network, dedicating staff to assist with data management and analysis, and other means are discussed. Presumably these will help Houston to achieve a reduction in water loss.</b> We think that it would be instructive for the WCP to include some examples of where the deployment of these actions and practices have reduced or eliminated specific water loss incidents.</p> <p>We note that the 1% annual reduction in water loss until reaching a water loss goal of 10% is in keeping with the current Region H water plan. There is a possibility, however, that the revised Region H water plan that will be completed in late 2020/early 2021 will actually set a long-term water loss goal of 5% rather than 10%.</p> <p>Indeed, a water loss of 10% for a municipal water system producing the volume of water that Houston does represents a major issue. We grant that tackling the water loss problem in Houston is and will be a costly enterprise. However, we also note that Houston is spending tens of millions of dollars to develop new water supplies, and perhaps some of those dollars would have been better spent addressing water loss. If these new water supplies come online without the City having made significant fixes to water distribution lines, the full benefits of those new water supplies will be decreased by ongoing water loss.</p>	
<p>14. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email</p>	<p>We applaud Houston for initiating its <b>Consumption Awareness Program</b>, and we note the progress in implementing the program. The draft WCP describes in general the next steps for what is termed “the second phase of implementation.” The 2019 Plan would benefit from more detail about the time frame and milestones for these various second phase implementation activities and how they will specifically enhance the City’s water conservation efforts. For example, what amount of dollars are budgeted for developing a web portal for multi-family and non-residential retail customers, what is the time frame for rolling out that web portal, and how will it be promoted to those categories of retail customers? The answers to these questions would provide the information to help evaluate how effective these efforts might potentially be in enhancing water use efficiency.</p> <p>The draft WCP discusses the potential for <b>the AMI network</b> to aid in gathering and disseminating information on retail customer water use but also notes the declining AMI network capacity due to “aging infrastructure and lack of resources.” <b>The draft Plan states that: “As funds become available, Houston intends to replace obsolete AMI network infrastructure with the goal of having between 85-95% of retail meters read by the AMI network.” That is a laudable goal and intention, but what is the</b></p>	<p>The second phase of the Consumption Awareness Program is currently tied to the strategic replacement of Houston’s 20+ year old AMR system with an AMI network. More than 95% of the existing automated meter reading system will be replaced. Procurement for the AMI is underway as the RFP should be released for prospective vendors to bid within the next 6 -12 months. Currently, the budget for replacement of the system is estimated at \$50M. The implementation will phase in over 10 years and is tentatively scheduled to begin in late 2020. The replacement project will also include funding for establishing interconnectivity with Houston’s current web portal thereby facilitating utilization by all customers (residential multifamily, non-residential etc.). The AMI infrastructure will also provide Houston and its customers with the enhanced ability to monitor near real time water usage, forecast water consumption, and identify leaks earlier. Marketing of the conservation tools will be strategically aligned to coincide with implementation of the AMI system. Marketing will be performed through direct mail, online advertisements, and social media posts from Houston.</p> <p>The proposed 10-year migration program to a new AMI network is a detailed plan that has been discussed with Houston’s executive leadership. The budget is approximately \$50M and is expected to go before City Council in Fiscal Year 2020 for approval. Additional details on cost and implementation will be</p>

	<p><b>reality?</b> Is there a detailed plan that prioritizes the parts of the infrastructure that need to be replaced, the cost estimate for that replacement, the preferred time frame for implementation? We understand that tackling this project will no doubt require City Council action, including commitment of funds, but is there a replacement plan that would be the basis for initiating that discussion with the City leadership?</p>	available upon completion of the request for proposal process and approval by City Council.
15. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email	We applaud Houston's use of new plumbing and building codes, which apparently contributed to the gradual reduction in residential GPCD. We also commend specifically Houston's addition of a section on <b>low impact development (LID)</b> to the City's Infrastructure Design Manual and the stated commitment to "encourage the use of low impact development practices." However, we believe that the WCP should include some detail about <b>how</b> – beyond the section in the Manual – the City will be encouraging LID.	Thank you for your suggestion.
16. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email	We support the City's commitment to establishing <b>LEED as the standard for new or replacement city-owned facilities and for major renovation of larger city-owned buildings and facilities</b> , which will directly and indirectly encourage water efficiency. We recommend that the 2019 WCP include some specific examples of the buildings that have been constructed or renovated since adoption of this standard and level of water savings from use of those standards over previous standards. In this and other sections of the WCP, the Plan will be enhanced by examples or metrics that make Houston Water's water conservation and related efforts more "real" and raise the level of confidence that the Plan is truly something that is being implemented.	We have added a website link to the Plan containing information on past and future LEED projects for Houston's facilities.
17. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email	<p>We are pleased that Houston is seeking to pilot conservation software from a third party to evaluate and quantify how specific conservation and efficiency programs for retail and wholesale customers may advance achievement of Houston's conservation goals. We believe that there is substantial potential for the comprehensive approach possible through such software to dramatically affect water use and water demands in the region, for which Houston is a large wholesale supplier.</p> <p>We would be interested to know how within the City of Houston itself the new software will interact with the existing Consumer Awareness Program for retail customers so that the City may benefit from the data available from both these initiatives. The data enrichment from these and other sources certainly provide the foundation for better informed policy decisions at Houston Water, but all of this data need to be coordinated and processed in a way that aids both consumers and policy-makers, not just provide data for data's sake.</p>	Thank you for your comments.
18. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email	With regard to the <b>water education and outreach</b> aspects of the Houston 2019 WCP, we recognize the significance of the City's Water Works Education Center, especially its value in teaching school children about water and the need to conserve. We have heard discussion in past years about moving the Education Center to	At this point, there is no intention to move the WaterWorks Education Center to a different location. As noted in the Plan, the WaterWorks Education Center has received more than 30,000 visitors in the last 5 years and has proven to be a productive venue, which demonstrates its accessibility to the community. Thank you for your suggestion about the myriad

	<p>a more central location in order to make it accessible to a wider and more diverse group of students. We would appreciate any update on that prospect in the 2019 WCP.</p> <p>However, while we appreciate the City's outreach to school children, we believe that a much more active education and outreach effort for adults is advisable as well. Much more progress is needed in making Houston a leader in water conservation in the near term, and that requires helping to shape the attitudes and actions of adult residential customers, decision makers at CII (Commercial-Industrial-Institutional) operations, and wholesale water supply customers.</p> <p>There are a multitude of water conservation public awareness programs available – such as the state's Water IQ program (also used by North Texas Municipal Water District) and San Antonio's water education materials – which could be tapped by Houston Water and used to educate adults on water wise practices and the need for them, especially with regard to outdoor landscape watering. Granted some of these materials may need to be revamped somewhat for an audience for which flooding may be a more relevant concern at present than drought or saving water. Again, however, the long-term best interests of Houston and the region would be well-served by more aggressive promotion of water efficiency and conservation among the residents of the area. Moreover, there are many organizations – such as our own and the Texas Water Foundation – that stand ready to help in this education and outreach effort.</p>	<p>outreach programs available at the state and national levels. We are aware of most of them and are currently assessing potential implementation of additional programs that would target adults from single and multi-family residential households, as well as other programs for commercial, institutional, and industrial accounts.</p>
<p>19. Sierra Club Lone Star Chapter and National Wildlife Federation – 5/30/2019 via email</p>	<p>Concluding Thoughts: Our groups understand the financial, physical, and other challenges that Houston faces in advancing water efficiency and conservation. We believe, however, that the current leadership at Public Works and Houston Water is committed to moving the City forward in this arena. Therefore, we support the adoption of the draft 2019 WCP – with a few tweaks and additional detail – as in effect a “down payment” to be followed by a series of additional measures and enhancements that will lead to a more comprehensive and successful program. We must be candid, however, in saying that a City that helped put a human being on the Moon is way behind the times (and other Texas cities) in its efforts on efficient water use. Houston needs to launch a water conservation initiative befitting of Space City.</p>	<p>Your comments are greatly appreciated and will be considered when developing future water conservation programs.</p>



## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

District B, District E, District H, District J

Item Creation Date: 4/16/2019

HPW – 20WWO773 Hurricane Harvey Disaster Cost  
Recovery for Wastewater Lift Stations S&B Infrastructure,  
Ltd.

Agenda Item#: 30.

### **Summary:**

**02019-477 ORDINANCE** approving and authorizing Professional Engineering Services Contract between the City of Houston and **S&B INFRASTRUCTURE, LTD.** for Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations; providing a maximum contract amount - \$400,000.00 - Enterprise Fund (WBS No. 992017-HS17-3) - **DISTRICTS B - DAVIS; E - MARTIN; H - CISNEROS and J - LASTER**

### **Background:**

**SUBJECT:** Professional Engineering Services Contract between the City and S&B Infrastructure, Ltd. for Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations.

**RECOMMENDATION:** (SUMMARY) An ordinance approving a Professional Engineering Services Contract with S&B Infrastructure, Ltd. and allocate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the Hurricane Harvey Disaster Cost Recovery effort. On August 25<sup>th</sup>, 2017, Hurricane Harvey inundated the City of Houston with unprecedented rainfall flooding 71 lift stations. Due to the heavy damage caused by the storm, the City of Houston's Wastewater Operations Branch, part of Houston Water and the Houston Public Works, requires professional engineering services to assist the branch in determining repairs/replacements/improvements needed for damaged assets, preparing insurance and FEMA claims, and substantiating those claims. The contract duration for this project is 5 years.

**DESCRIPTION/SCOPE:** The consultant shall:

1. Conduct a detailed site assessment to inventory all assets and determine their functionality and condition post Hurricane Harvey.
2. Conduct a desktop analysis to determine the pre-condition of assets damaged by Hurricane Harvey and calculate the value lost due to the damage.
3. Determine solutions for bringing assets to pre-Hurricane Harvey condition, optimal operating condition, and optimal with hardening/mitigation improvements and determine the associated costs.
4. Prepare a technical memorandum to include all the information gathered and calculations made as well as recommendations for which solution should be implemented along with documentation to support the recommended solution.

5. Assist Wastewater Operations in submitting Insurance and FEMA claims.

**LOCATION:** This Project are in council districts B, E, H, J

**SCOPE OF CONTRACT AND FEE:** Under the scope of the Contract, the Consultant will perform Single-phase Professional Engineering Services. Basic Services Fee for Single Phase is based on a lump sum with a not-to-exceed agreed upon amount. The total Basic Services allocation is \$400,000.00

The total cost of this project is \$400,000.00 to be allocated.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides health benefits to eligible employees in compliance with City policy.

**M/WBE PARTICIPATION:** The M/WBE goal for the project is set at 24%. The Consultant has proposed the following firms to achieve this goal.

<u>Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Total Contract</u>
1. LandTech, Inc	Professional Surveying	\$ 8,000.00	2.00%
2. HVJ Associates, Inc.	Professional Geotechnical Services	\$ 4,000.00	1.00%
3. NEERA Associates, Inc.	Professional Engineering Support	\$48,000.00	12.00%
4. Othon, Inc.	Professional Engineering Support	<u>\$48,000.00</u>	<u>12.00%</u>
<b>TOTAL</b>		\$108,000.00	27.00%

**This project was presented to the Transportation Technology and Infrastructure Committee (TTI) on November 26th, 2018.**

**FISCAL NOTE:** No Fiscal Note is required on grant items.

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Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. R-992017-HS17-3

**Amount of Funding:**

\$400,000.00  
2015 Flood Disaster CUS Fund  
Fund No. 8386

**Contact Information:**

Shannon Dunne  
Senior Assistant Director, Wastewater Operations  
**Phone:** (832)395-4989

**ATTACHMENTS:**

**Description**

Signed Coversheet

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District B, District E, District H, District J

Item Creation Date: 4/16/2019

HPW – 20WWO773 Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations S&B Infrastructure, Ltd.

Agenda Item#:

### **Background:**

**SUBJECT:** Professional Engineering Services Contract between the City and S&B Infrastructure, Ltd. for Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations.

**RECOMMENDATION:** (SUMMARY) An ordinance approving a Professional Engineering Services Contract with S&B Infrastructure, Ltd. and allocate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the Hurricane Harvey Disaster Cost Recovery effort. On August 25<sup>th</sup>, 2017, Hurricane Harvey inundated the City of Houston with unprecedented rainfall flooding 71 lift stations. Due to the heavy damage caused by the storm, the City of Houston's Wastewater Operations Branch, part of Houston Water and the Houston Public Works, requires professional engineering services to assist the branch in determining repairs/replacements/improvements needed for damaged assets, preparing insurance and FEMA claims, and substantiating those claims. The contract duration for this project is 5 years.

**DESCRIPTION/SCOPE:** The consultant shall:

1. Conduct a detailed site assessment to inventory all assets and determine their functionality and condition post Hurricane Harvey.
2. Conduct a desktop analysis to determine the pre-condition of assets damaged by Hurricane Harvey and calculate the value lost due to the damage.
3. Determine solutions for bringing assets to pre-Hurricane Harvey condition, optimal operating condition, and optimal with hardening/mitigation improvements and determine the associated costs.
4. Prepare a technical memorandum to include all the information gathered and calculations made as well as recommendations for which solution should be implemented along with documentation to support the recommended solution.
5. Assist Wastewater Operations in submitting Insurance and FEMA claims.

**LOCATION:** This Project are in council districts B, E, H, J

**SCOPE OF CONTRACT AND FEE:** Under the scope of the Contract, the Consultant will perform Single-phase Professional Engineering Services. Basic Services Fee for Single Phase is based on a lump sum with a not-to-exceed agreed upon amount. The total Basic Services allocation is \$400,000.00

The total cost of this project is \$400,000.00 to be allocated.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides health benefits to eligible employees in compliance with City policy.

**M/WBE PARTICIPATION:** The M/WBE goal for the project is set at 24%. The Consultant has proposed the following firms to achieve this goal.

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3. NEERA Associates, Inc.	Professional Engineering Support	\$48,000.00	12.00%
4. Othon, Inc.	Professional Engineering Support	<u>\$48,000.00</u>	<u>12.00%</u>
	<b>TOTAL</b>	<b>\$108,000.00</b>	<b>27.00%</b>

This project was presented to the Transportation Technology and Infrastructure Committee (TTI) on November 26th, 2018.

**FISCAL NOTE:** No Fiscal Note is required on grant items.



Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. R-992017-HS17-3

**Amount of Funding:**

\$400,000.00 - Fund No. 8386 – 2015 Flood Disaster CUS

**Contact Information:**

Shannon Dunne  
Senior Assistant Director, Wastewater Operations  
Phone: (832)395-4989

**ATTACHMENTS:**

**Description**

Council District Map  
Project Location  
Form B  
Affidavit of Ownership  
Tax Report  
Contractor Submission List Campaign Finance Ordinance (Doc  
00452)  
POP  
Certificate of Interested Parties Form 1295  
MWBE Info  
TTI Agenda  
Draft Contract  
Summary of Functional Assessment Project  
funding docs

**Type**

Backup Material  
Backup Material  
Backup Material  
Backup Material  
Backup Material  
Backup Material  
Backup Material  
Backup Material  
Backup Material  
Backup Material  
Backup Material  
Contract/Exhibit  
Backup Material  
Financial Information



## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

District A, District B, District C, District E, District F, District  
G, District H, District I

Item Creation Date: 4/16/2019

HPW – 20WWO774 Hurricane Harvey Disaster Cost  
Recovery for Wastewater Lift Stations S&B Infrastructure,  
Ltd.

Agenda Item#: 31.

### **Summary:**

**O2019-464** ORDINANCE approving and authorizing Professional Engineering Services Contract between the City of Houston and **S&B INFRASTRUCTURE, LTD.** for Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations; providing a maximum contract amount - \$400,000.00 - Enterprise Fund (WBS No. R-992017-HS18-3) - **DISTRICTS A - STARDIG; B - DAVIS; C - COHEN; E - MARTIN; F - LE; G - TRAVIS; H - CISNEROS and I - GALLEGOS**

### **Background:**

**SUBJECT:** Professional Engineering Services Contract between the City and S&B Infrastructure, Ltd. for Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations.

**RECOMMENDATION:** (SUMMARY) An ordinance approving a Professional Engineering Services Contract with S&B Infrastructure, Ltd. and allocate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the Hurricane Harvey Disaster Cost Recovery effort. On August 25<sup>th</sup>, 2017, Hurricane Harvey inundated the City of Houston with unprecedented rainfall flooding 71 lift stations. Due to the heavy damage caused by the storm, the City of Houston's Wastewater Operations Branch, part of Houston Water and the Houston Public Works, requires professional engineering services to assist the branch in determining repairs/replacements/improvements needed for damaged assets, preparing insurance and FEMA claims, and substantiating those claims. The contract duration for this project is 5 years.

**DESCRIPTION/SCOPE:** The consultant shall:

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3. Determine solutions for bringing assets to pre-Hurricane Harvey condition, optimal operating condition, and optimal with hardening/mitigation improvements and determine the associated costs.
4. Prepare a technical memorandum to include all the information gathered and calculations made as well as recommendations for which solution should be implemented along with

documentation to support the recommended solution.

5. Assist Wastewater Operations in submitting Insurance and FEMA claims.

**LOCATION:** This Project are in council districts A,B,C,E,F,G,H,I.

**SCOPE OF CONTRACT AND FEE:** Under the scope of the Contract, the Consultant will perform Single-phase Professional Engineering Services. Basic Services Fee for Single Phase is based on a lump sum with a not-to-exceed agreed upon amount. The total Basic Services allocation is \$400,000.00. The total cost of this project is \$400,000.00 to be allocated.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides health benefits to eligible employees in compliance with City policy

**M/WBE PARTICIPATION:** The M/WBE goal for the project is set at 24%. The Consultant has proposed the following firms to achieve this goal.

<u>Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Total Contract</u>
1. LandTech, Inc	Professional Surveying	\$8000.00	2.00%
2. HVJ Associates, Inc.	Professional Geotechnical Services	\$4000.00	1.00%
3. NEERA Associates, Inc.	Professional Engineering Support	\$48000.00	12.00%
4. Othon, Inc.	Professional Engineering Support	\$48000.00	12.00%
<b>TOTAL</b>		<b>\$108000.00</b>	<b>27.00%</b>

**This project was presented to the Transportation Technology and Infrastructure Committee (TTI) on November 26th, 2018.**

**FISCAL NOTE:** No Fiscal Note is required on grant items.

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Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. R-992017-HS18-3

**Amount of Funding:**

\$400,000.00 - Fund No. 8386 – 2015 Flood Disaster CUS

**Contact Information:**

Shannon Dunne

Senior Assistant Director, Wastewater Operations

Phone: (832)395-4989

**ATTACHMENTS:****Description**

Signed Coversheet

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District A, District B, District C, District E, District F, District G, District H, District I

Item Creation Date: 4/16/2019

HPW – 20WWO774 Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations S&B Infrastructure, Ltd.

Agenda Item#:

### **Summary:**

### **Background:**

**SUBJECT:** Professional Engineering Services Contract between the City and S&B Infrastructure, Ltd. for Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations.

**RECOMMENDATION:** (SUMMARY) An ordinance approving a Professional Engineering Services Contract with S&B Infrastructure, Ltd. and allocate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the Hurricane Harvey Disaster Cost Recovery effort. On August 25<sup>th</sup>, 2017, Hurricane Harvey inundated the City of Houston with unprecedented rainfall flooding 71 lift stations. Due to the heavy damage caused by the storm, the City of Houston's Wastewater Operations Branch, part of Houston Water and the Houston Public Works, requires professional engineering services to assist the branch in determining repairs/replacements/improvements needed for damaged assets, preparing insurance and FEMA claims, and substantiating those claims. The contract duration for this project is 5 years.

**DESCRIPTION/SCOPE:** The consultant shall:

1. Conduct a detailed site assessment to inventory all assets and determine their functionality and condition post Hurricane Harvey.
2. Conduct a desktop analysis to determine the pre-condition of assets damaged by Hurricane Harvey and calculate the value lost due to the damage.
3. Determine solutions for bringing assets to pre-Hurricane Harvey condition, optimal operating condition, and optimal with hardening/mitigation improvements and determine the associated costs.
4. Prepare a technical memorandum to include all the information gathered and calculations made as well as recommendations for which solution should be implemented along with documentation to support the recommended solution.
5. Assist Wastewater Operations in submitting Insurance and FEMA claims.

**LOCATION:** This Project are in council districts A,B,C,E,F,G,H,I.

**SCOPE OF CONTRACT AND FEE:** Under the scope of the Contract, the Consultant will perform Single-phase Professional Engineering Services. Basic Services Fee for Single Phase is based on a lump sum with a not-to-exceed agreed upon amount. The total Basic Services allocation is \$400,000.00. The total cost of this project is \$400,000.00 to be allocated.

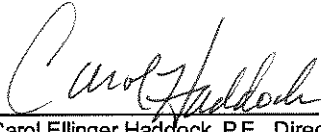
**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides health benefits to eligible employees in compliance with City policy

**M/WBE PARTICIPATION:** The M/WBE goal for the project is set at 24%. The Consultant has proposed the following firms to achieve this goal.

<u>Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Total Contract</u>
1. LandTech, Inc	Professional Surveying	\$8000.00	2.00%
2. HVJ Associates, Inc.	Professional Geotechnical Services	\$4000.00	1.00%
3. NEERA Associates, Inc.	Professional Engineering Support	\$48000.00	12.00%
4. Othon, Inc.	Professional Engineering Support	\$48000.00	12.00%
<b>TOTAL</b>		<b>\$108000.00</b>	<b>27.00%</b>

This project was presented to the Transportation Technology and Infrastructure Committee (TTI) on November 26th, 2018.

**FISCAL NOTE:** No Fiscal Note is required on grant items.



Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. R-992017-HS18-3

**Amount of Funding:**

\$400,000.00 - Fund No. 8386 – 2015 Flood Disaster CUS

**Contact Information:**

Shannon Dunne  
Senior Assistant Director, Wastewater Operations  
Phone: (832)395-4989

**ATTACHMENTS:**

<b>Description</b>	<b>Type</b>
Council District Map	Backup Material
Project Location	Backup Material
Form B	Backup Material
Affidavit of Ownership	Backup Material
Tax Report	Backup Material
Contractor Submission List Campaign Finance Ordinance (Doc 00452)	Backup Material
POP	Backup Material
Certificate of Interested Parties Form 1295	Backup Material
MWBE info	Backup Material
TTI Agenda	Backup Material
Draft Contract	Contract/Exhibit
Summary of Functional Assessment Project funding docs	Backup Material
	Financial Information



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 1/23/2019

HPW - 20WWO812 Contract Award/PM Construction &  
Rehab, LLC dba IPR South Central

Agenda Item#: 32.

### **Summary:**

**02019-465** ORDINANCE appropriating \$4,843,831.00 out of Water & Sewer System Consolidated Construction Fund; awarding contract to **PM CONSTRUCTION & REHAB, LLC dba IPR SOUTH CENTRAL** for Sanitary Sewer Rehabilitation by Cured-In-Place Pipe Method; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering and testing, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund (WW4258-75)

### **Background:**

**SUBJECT:** Contract Award for Sanitary Sewer Rehabilitation by Cured-In-Place Pipe Method.

**RECOMMENDATION:** (Summary) Accept low bid, award construction contract, and appropriate funds.

**SPECIFIC EXPLANATION:** This project is part of the Neighborhood Sewer Rehabilitation Program and is required to renew/replace various deteriorated neighborhood collection systems throughout the City. The project involves sanitary sewer rehabilitation by cured-in-place pipe method. The purpose is to reduce sanitary sewer overflows, which is accomplished by renewal/rehabilitation of deteriorated collection systems.

**DESCRIPTION/SCOPE:** This project consists of sanitary sewer rehabilitation by cured-in-place pipe method. The contract duration for this project is 730 calendar days.

**LOCATION:** The project area is generally bounded by the City Limits.

**BIDS:** Four (4) bids were received on November 15, 2018 for this project as follows:

	<u>Bidder</u>	<u>Bid Amount</u>
1.	PM Construction & Rehab, LLC dba IPR South Central	\$4,570,315.00
2.	Texas Pride Utilities, LLC	\$4,793,765.00
3.	Granite Inliner, LLC	\$5,058,993.00
4.	Insituform Technologies, LLC	\$5,076,572.00

-  
AWARD: It is recommended that this construction contract be awarded to PM Construction & Rehab, LLC dba IPR South Central, with a low bid of \$4,570,315.00.

PROJECT COST: The total cost of this project is \$4,843,831.00 to be appropriated as follows:

Bid Amount	\$4,570,315.00
Contingencies	\$228,516.00
Engineering Testing Services	\$45,000.00

Engineering Testing Services will be provided by HTS, Inc. Consultants under a previously approved contract.

HIRE HOUSTON FIRST: Hire Houston First does not apply to this expenditure, because it involves the use of federal funds and is subject to specific procurement rules of the federal government.

PAY OR PLAY PROGRAM: The proposed contract requires compliance with the City's Pay or Play ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

M/WSBE PARTICIPATION: The contractor has submitted the following proposed program to satisfy the 12.94% MBE goal, and 8.72% WBE goal for this project.

<u>MBE – Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
BUKU Contractor's Supply, LLC	Supplies	\$204,293.08	4.47%
Chief Solutions, Inc.	Clean & Televiser Sewer Lines	\$182,812.60	4.00%
Luna Underground Construction, Inc.	Underground Rehab Services	\$204,293.08	4.47%
	MBE TOTAL	\$591,398.76	12.94%
<u>WBE – Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
Advantage Manhole & Concrete Services, Inc.	Manhole Rehabilitation	\$398,531.47	8.72%
	WBE TOTAL	\$398,531.47	8.72%

FISCAL NOTE:

No significant Fiscal Operating impact is anticipated as a result of this project.

All known rights-of-way and easements required for this project have been acquired.

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Carol Ellinger Haddock, P.E.  
Director  
Houston Public Works

WBS# R-000266-0280-4  
File No. WW4258-75

**Prior Council Action:**

**Amount of Funding:**

\$4,843,831.00

Water and Sewer System Consolidated Construction Fund  
Fund No. 8500.

This project is eligible for low interest funding through a State Revolving Fund (SRF) Equivalency loan.

**Contact Information:**

Shannon Dunne  
Senior Assistant Director  
**Phone:** (832) 395-4989

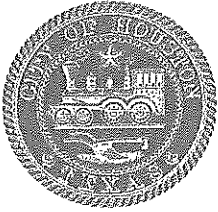
**ATTACHMENTS:**

**Description**

Signed Coversheet

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 1/23/2019

HPW - 20WWO812 Contract Award/PM Construction & Rehab, LLC dba IPR South Central

Agenda Item#:

### **Background:**

**SUBJECT:** Contract Award for Sanitary Sewer Rehabilitation by Cured-In-Place Pipe Method.

**RECOMMENDATION:** (Summary) Accept low bid, award construction contract, and appropriate funds.

**SPECIFIC EXPLANATION:** This project is part of the Neighborhood Sewer Rehabilitation Program and is required to renew/replace various deteriorated neighborhood collection systems throughout the City. The project involves sanitary sewer rehabilitation by cured-in-place pipe method. The purpose is to reduce sanitary sewer overflows, which is accomplished by renewal/rehabilitation of deteriorated collection systems.

**DESCRIPTION/SCOPE:** This project consists of sanitary sewer rehabilitation by cured-in-place pipe method. The contract duration for this project is 730 calendar days.

**LOCATION:** The project area is generally bounded by the City Limits.

**BIDS:** Four (4) bids were received on November 15, 2018 for this project as follows:

	Bidder	Bid Amount
1.	PM Construction & Rehab, LLC dba IPR South Central	\$4,570,315.00
2.	Texas Pride Utilities, LLC	\$4,793,765.00
3.	Granite Inliner, LLC	\$5,058,993.00
4.	Insituform Technologies, LLC	\$5,076,572.00

**AWARD:** It is recommended that this construction contract be awarded to PM Construction & Rehab, LLC dba IPR South Central, with a low bid of \$4,570,315.00.

**PROJECT COST:** The total cost of this project is \$4,843,831.00 to be appropriated as follows:

Bid Amount	\$4,570,315.00
Contingencies	\$228,516.00
Engineering Testing Services	\$45,000.00

Engineering Testing Services will be provided by HTS, Inc. Consultants under a previously approved contract.

**HIRE HOUSTON FIRST:** Hire Houston First does not apply to this expenditure, because it involves the use of federal funds and is subject to specific procurement rules of the federal government.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's Pay or Play ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

**MWSBE PARTICIPATION:** The contractor has submitted the following proposed program to satisfy the 12.94% MBE goal, and 8.72% WBE goal for this project.

<u>MBE – Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
BUKU Contractor's Supply, LLC	Supplies	\$204,293.08	4.47%
Chief Solutions, Inc.	Clean & Televise Sewer Lines	\$182,812.60	4.00%
Luna Underground Construction, Inc.	Underground Rehab Services	\$204,293.08	4.47%
	MBE TOTAL	\$591,398.76	12.94%
<u>WBE – Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
Advantage Manhole & Concrete Services, Inc.	Manhole Rehabilitation	\$398,531.47	8.72%
	WBE TOTAL	\$398,531.47	8.72%

**FISCAL NOTE:**

No significant Fiscal Operating impact is anticipated as a result of this project.

All known rights-of-way and easements required for this project have been acquired.



Carol Ellinger Haddock, P.E.

Director  
Houston Public Works

WBS# R-000266-0280-4  
File No. WW4258-75

**Prior Council Action:**

N/A

**Amount of Funding:**

\$4,843,831.00 from Water and Sewer System Consolidated Construction Fund No. 8500. This project is eligible for low interest funding through a State Revolving Fund (SRF) Equivalency loan.

**Contact Information:**

Shannon Dunne  
Senior Assistant Director  
Phone: (832) 395-4989

**ATTACHMENTS:**

<b>Description</b>	<b>Type</b>
Form A	Backup Material
Tax Report	Backup Material
00455 - Ownership Information Form	Backup Material
Bid Tabulation	Backup Material
00600 - List of Proposed Subcontractors and Suppliers	Backup Material
MWBE Letters of Intent	Backup Material
MWBE Certifications	Backup Material
00452 - Contractor Submission List Campaign Finance Ordinance	Backup Material

Form B	Backup Material
00251 - Pre-bid Meeting Agenda	Backup Material
Bid Extension Letter	Backup Material
00410B - Bid Form	Backup Material
Testing Lab Information	Backup Material
00460 (POP-1) - Pay or Play Acknowledgement Form	Backup Material
00630 (POP-2) - Certification of Compliance with Pay or Play Program	Backup Material
00631 POP-3) - Pay or Play Program List of Subcontractors	Backup Material
Map	Backup Material
Form 1295 - Certificate of Interested Parties	Backup Material
Draft Ordinance	Backup Material
SAP Documents	Financial Information



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 5/6/2019

HPW - 20WWO845 Contract Award/PM Construction &  
Rehab, LLC dba IPR South Central

Agenda Item#: 33.

### **Summary:**

**O2019-466** ORDINANCE appropriating \$5,703,643.00 out of Water & Sewer System Consolidated Construction Fund; awarding contract to **PM CONSTRUCTION & REHAB, LLC dba IPR SOUTH CENTRAL** for Wastewater Collection System Rehabilitation and Renewal; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering, testing, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund (WW4235-111)

### **Background:**

**SUBJECT:** Contract Award for Wastewater Collection System Rehabilitation and Renewal.

**RECOMMENDATION:** (Summary) Accept low bid, award construction contract, and appropriate funds.

**SPECIFIC EXPLANATION:** This project is part of the Neighborhood Sewer Rehabilitation Program and is required to renew/replace various deteriorated neighborhood collection systems throughout the City. The project involves wastewater collection system rehabilitation and renewal. The purpose is to reduce sanitary sewer overflows, which is accomplished by renewal/rehabilitation of deteriorated collection systems.

**DESCRIPTION/SCOPE:** This project consists of wastewater collection system rehabilitation and renewal. The contract duration for this project is 730 calendar days.

**LOCATION:** The project area is generally bounded by the City Limits.

**BIDS:** Six (6) bids were received on March 28, 2019 for this project as follows:

	<u>Bidder</u>	<u>Bid Amount</u>
1.	PM Construction & Rehab, LLC dba IPR South Central	\$5,360,612.84
2.	Portland Utilities Construction Company, LLC	\$5,840,005.15
3.	Vortex Turnkey Solutions, LLC	\$6,122,437.83
4.	Lopez Utilities Contractor, LLC	\$6,624,870.71
5.	T. Construction, LLC	\$7,061,154.88

6.	BRH-Garver Construction, L.P.	\$7,442,439.00
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AWARD: It is recommended that this construction contract be awarded to PM Construction & Rehab, LLC dba IPR South Central, with a low bid of \$5,360,612.84.

PROJECT COST: The total cost of this project is \$5,703,643.00 to be appropriated as follows:

Bid Amount	\$5,360,612.84
Contingencies	\$268,030.16
Engineering Testing Services	\$75,000.00

Engineering Testing Services will be provided by Raba Kistner, Inc. under a previously approved contract.

HIRE HOUSTON FIRST: Hire Houston First does not apply to this expenditure, because it involves the use of federal funds and is subject to specific procurement rules of the federal government.

PAY OR PLAY PROGRAM: The proposed contract requires compliance with the City's Pay or Play ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

M/WSBE PARTICIPATION: The contractor has submitted the following proposed program to satisfy the 19.44% MBE goal, and 9.17% WBE goal for this project.

<u>MBE – Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
BUKU Contractor's Supply, LLC	Supplies	\$413,839.31	7.72%
Chief Solutions, Inc.	Cleaning & Televiser Sewer Lines	\$214,424.51	4.00%
Luna Underground Construction, Inc.	Rehab/Services	\$413,839.32	7.72%
	MBE TOTAL	\$1,042,103.14	19.44%
<u>WBE – Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
Advantage Manhole & Concrete Services, Inc.	Manhole Rehab	\$491,568.20	9.17%
	WBE TOTAL	\$491,568.20	9.17%

FISCAL NOTE:

No significant Fiscal Operating impact is anticipated as a result of this project.

All known rights-of-way and easements required for this project have been acquired.

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Carol Ellinger Haddock, P.E.  
Director  
Houston Public Works

WBS# R-000266-0289-4  
File No. WW4235-111

**Prior Council Action:**

**Amount of Funding:**

\$5,703,643.00  
Water and Sewer System Consolidated Construction Fund  
Fund No. 8500.

This project is eligible for low interest funding through a State Revolving Fund (SRF) Equivalency loan.

**Contact Information:**

Shannon Dunne  
Senior Assistant Director  
**Phone:** (832) 395-5036

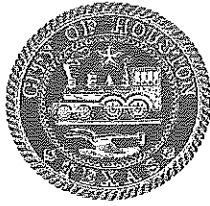
**ATTACHMENTS:**

**Description**

Signed Coversheet

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 5/6/2019

HPW - 20WWO845 Contract Award/PM Construction & Rehab, LLC dba IPR South Central

Agenda Item#:

### **Background:**

**SUBJECT:** Contract Award for Wastewater Collection System Rehabilitation and Renewal.

**RECOMMENDATION:** (Summary) Accept low bid, award construction contract, and appropriate funds.

**SPECIFIC EXPLANATION:** This project is part of the Neighborhood Sewer Rehabilitation Program and is required to renew/replace various deteriorated neighborhood collection systems throughout the City. The project involves wastewater collection system rehabilitation and renewal. The purpose is to reduce sanitary sewer overflows, which is accomplished by renewal/rehabilitation of deteriorated collection systems.

**DESCRIPTION/SCOPE:** This project consists of wastewater collection system rehabilitation and renewal. The contract duration for this project is 730 calendar days.

**LOCATION:** The project area is generally bounded by the City Limits.

**BIDS:** Six (6) bids were received on March 28, 2019 for this project as follows:

	<u>Bidder</u>	<u>Bid Amount</u>
1.	PM Construction & Rehab, LLC dba IPR South Central	\$5,360,612.84
2.	Portland Utilities Construction Company, LLC	\$5,840,005.15
3.	Vortex Turnkey Solutions, LLC	\$6,122,437.83
4.	Lopez Utilities Contractor, LLC	\$6,624,870.71
5.	T. Construction, LLC	\$7,061,154.88
6.	BRH-Garver Construction, L.P.	\$7,442,439.00

**AWARD:** It is recommended that this construction contract be awarded to PM Construction & Rehab, LLC dba IPR South Central, with a low bid of \$5,360,612.84.

**PROJECT COST:** The total cost of this project is \$5,703,643.00 to be appropriated as follows:

Bid Amount	\$5,360,612.84
Contingencies	\$268,030.16
Engineering Testing Services	\$75,000.00

Engineering Testing Services will be provided by Raba Kistner, Inc. under a previously approved contract.

**HIRE HOUSTON FIRST:** Hire Houston First does not apply to this expenditure, because it involves the use of federal funds and is subject to specific procurement rules of the federal government.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's Pay or Play ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

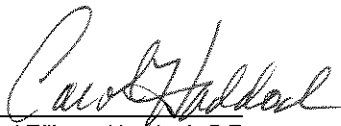
**MWSBE PARTICIPATION:** The contractor has submitted the following proposed program to satisfy the 19.44% MBE goal, and 9.17% WBE goal for this project.

<u>MBE -- Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
BUKU Contractor's Supply, LLC	Supplies	\$413,839.31	7.72%
Chief Solutions, Inc.	Cleaning & Televiser Sewer Lines	\$214,424.51	4.00%
Luna Underground Construction, Inc.	Rehab/Services	\$413,839.32	7.72%
	MBE TOTAL	\$1,042,103.14	19.44%
<u>WBE -- Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
Advantage Manhole & Concrete Services, Inc.	Manhole Rehab	\$491,568.20	9.17%
	WBE TOTAL	\$491,568.20	9.17%

**FISCAL NOTE:**

No significant Fiscal Operating Impact is anticipated as a result of this project.

All known rights-of-way and easements required for this project have been acquired.



Carol Ellinger Haddock, P.E.

Director  
Houston Public Works

WBS# R-000266-0289-4  
File No. WW4235-111

**Prior Council Action:**

N/A

**Amount of Funding:**

\$5,703,643.00 from Water and Sewer System Consolidated Construction Fund No. 8500. This project is eligible for low interest funding through a State Revolving Fund (SRF) Equivalency loan.

**Contact Information:**

Shannon Dunne  
Senior Assistant Director  
Phone: (832) 395-5036

**ATTACHMENTS:**

<b>Description</b>	<b>Type</b>
SAP Documents	Financial Information
Tax Report	Backup Material
00455 - Ownership Information Form	Backup Material
Bid Tabulation	Backup Material
00600 - List of Proposed Subcontractors and Suppliers	Backup Material
MWBE Letters of Intent	Backup Material
MWBE Certifications	Backup Material
00452 - Contractor Submission List Campaign Finance Ordinance	Backup Material
Form B	Backup Material
00251 - Pre-bid Meeting Agenda	Backup Material
00410B - Bid Form	Backup Material

Testing Lab Information

00460 (POP-1) - Pay or Play Acknowledgement Form

00630 (POP-2) - Certification of Compliance with Pay or Play Program

00631 (POP-3) Pay or Play Program List of Subcontractors Map

Form 1295 - Certificate of Interested Parties

Backup Material

Backup Material

Backup Material

Backup Material

Backup Material

Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 12/12/2018

20WWO817 Contract Award/PM Construction & Rehab,  
LLC dba IPR South Central

Agenda Item#: 34.

### **Summary:**

**02019-467** ORDINANCE appropriating \$3,754,808.00 out of Water & Sewer System Consolidated Construction Fund; awarding contract to **PM CONSTRUCTION & REHAB, LLC dba IPR SOUTH CENTRAL** for Sanitary Sewer Rehabilitation by Cured-In-Place Pipe Method; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering and testing, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund (WW4258-76)

### **Background:**

**SUBJECT:** Contract Award for Sanitary Sewer Rehabilitation by Cured-In-Place Pipe Method (LDS).

**RECOMMENDATION:** (Summary) Accept low bid, award construction contract, and appropriate funds.

**SPECIFIC EXPLANATION:** This project is part of the Large Diameter Sewer (LDS) Rehabilitation Program and is required to renew/replace various deteriorated neighborhood collection systems throughout the City. The project involves sanitary sewer rehabilitation by cured-in-place pipe method. The purpose is to reduce sanitary sewer overflows, which is accomplished by renewal/rehabilitation of deteriorated collection systems.

**DESCRIPTION/SCOPE:** The contract duration for this project is 730 calendar days.

**LOCATION:** The project area is generally bounded by the City Limits.

**BIDS:** Two (2) bids were received on October 04, 2018 for this project as follows:

	<u>Bidder</u>	<u>Bid Amount</u>
1.	PM Construction & Rehab, LLC dba IPR South Central	\$3,556,959.90
2.	Texas Pride Utilities, LLC	\$4,467,409.50

**AWARD:** It is recommended that this construction contract be awarded to PM Construction &

Rehab, LLC dba IPR South Central, with a low bid of \$3,556,959.90.

PROJECT COST: The total cost of this project is \$3,754,808.00 to be appropriated as follows:

Bid Amount	\$3,556,959.90
Contingencies	\$177,848.10
Engineering Testing Services	\$20,000.00

Engineering Testing Services will be provided by HTS, Inc. Consultants under a previously approved contract.

HIRE HOUSTON FIRST: Hire Houston First does not apply to this expenditure, because it involves the use of federal funds and is subject to specific procurement rules of the federal government.

PAY OR PLAY PROGRAM: The proposed contract requires compliance with the City's Pay or Play ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

M/WSBE PARTICIPATION: The contractor has submitted the following proposed program to satisfy the 12.94% MBE goal, and 8.72% WBE goal for this project.

<u>MBE – Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
BUKU Contractor's Supply, LLC	Supplies	\$317,992.22	8.94%
Chief Solutions, Inc.	Clean & Televiser Sewer Lines	\$142,278.40	4.00%
	MBE TOTAL	\$460,270.62	12.94%
<u>WBE – Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
Advantage Manhole & Concrete Services, Inc.	Manhole Rehabilitation	\$310,166.90	8.72%
	WBE TOTAL	\$310,166.90	8.72%

FISCAL NOTE:

No significant Fiscal Operating impact is anticipated as a result of this project.

All known rights-of-way and easements required for this project have been acquired.

---

Carol Ellinger Haddock, P.E.  
Director

Houston Public Works

WBS# R-002013-0054-4

File No. WW4258-76

**Prior Council Action:**

**Amount of Funding:**

\$3,754,808.00

Water and Sewer System Consolidated Construction Fund

Fund No. 8500.

This project is eligible for low interest funding through a State Revolving Fund (SRF) Equivalency loan.

**Contact Information:**

Shannon Dunne

Senior Assistant Director

**Phone:** (832) 395-4989

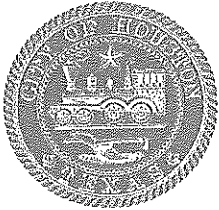
**ATTACHMENTS:**

**Description**

Signed Coversheet

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 12/12/2018

20WWO817 Contract Award/PM Construction & Rehab, LLC dba IPR South Central

Agenda Item#:

### **Background:**

**SUBJECT:** Contract Award for Sanitary Sewer Rehabilitation by Cured-In-Place Pipe Method (LDS).

**RECOMMENDATION:** (Summary) Accept low bid, award construction contract, and appropriate funds.

**SPECIFIC EXPLANATION:** This project is part of the Large Diameter Sewer (LDS) Rehabilitation Program and is required to renew/replace various deteriorated neighborhood collection systems throughout the City. The project involves sanitary sewer rehabilitation by cured-in-place pipe method. The purpose is to reduce sanitary sewer overflows, which is accomplished by renewal/rehabilitation of deteriorated collection systems.

**DESCRIPTION/SCOPE:** The contract duration for this project is 730 calendar days.

**LOCATION:** The project area is generally bounded by the City Limits.

**BIDS:** Two (2) bids were received on October 04, 2018 for this project as follows:

	<u>Bidder</u>	<u>Bid Amount</u>
1.	PM Construction & Rehab, LLC dba IPR South Central	\$3,556,959.90
2.	Texas Pride Utilities, LLC	\$4,467,409.50

**AWARD:** It is recommended that this construction contract be awarded to PM Construction & Rehab, LLC dba IPR South Central, with a low bid of \$3,556,959.90.

**PROJECT COST:** The total cost of this project is \$3,754,808.00 to be appropriated as follows:

Bid Amount	\$3,556,959.90
Contingencies	\$177,848.10
Engineering Testing Services	\$20,000.00

Engineering Testing Services will be provided by HTS, Inc. Consultants under a previously approved contract.

**HIRE HOUSTON FIRST:** Hire Houston First does not apply to this expenditure, because it involves the use of federal funds and is subject to specific procurement rules of the federal government.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's Pay or Play ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

**MWSBE PARTICIPATION:** The contractor has submitted the following proposed program to satisfy the 12.94% MBE goal, and 8.72% WBE goal for this project.

<u>MBE – Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
BUKU Contractor's Supply, LLC	Supplies	\$317,992.22	8.94%
Chief Solutions, Inc.	Clean & Televiser Sewer Lines	\$142,278.40	4.00%
	MBE TOTAL	\$460,270.62	12.94%
<u>WBE – Name of Firm</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
Advantage Manhole & Concrete Services, Inc.	Manhole Rehabilitation	\$310,166.90	8.72%
	WBE TOTAL	\$310,166.90	8.72%

**FISCAL NOTE:**

No significant Fiscal Operating impact is anticipated as a result of this project.

All known rights-of-way and easements required for this project have been acquired.



Carol Ellinger Haddock, P.E.  
Director  
Houston Public Works

WBS# R-002013-0054-4  
File No. WW4258-76

**Prior Council Action:**

N/A

**Amount of Funding:**

\$3,754,808.00 from Water and Sewer System Consolidated Construction Fund No. 8500. This project is eligible for low interest funding through a State Revolving Fund (SRF) Equivalency loan.

**Contact Information:**

Shannon Dunne  
Senior Assistant Director  
Phone: (832) 395-4989

**ATTACHMENTS:**

Description	Type
Form A	Backup Material
Tax Report	Backup Material
00455 - Ownership Information Form	Backup Material
Bid Tabulation	Backup Material
00600 - List of Proposed Subcontractors and Suppliers	Backup Material
MWBE Letters of Intent	Backup Material
MWBE Certifications	Backup Material
00452 - Contractor Submission List Campaign Finance Ordinance	Backup Material
Form B	Backup Material
00251 - Pre-bid Meeting Agenda	Backup Material
Bid Extension Letter	Backup Material
00410B - Bid Form	Backup Material
Testing Lab Information	Backup Material
00460 (POP-1) - Pay or Play Acknowledgement Form	Backup Material
00630 (POP-2) - Certification of Compliance with Pay or Play Program	Backup Material
00631 (POP-3) Pay or Play Program List of Subcontractors	Backup Material
Map	Backup Material
Draft Ordinance	Backup Material
Form 1295 - Certificate of Interested Parties	Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

District E

Item Creation Date: 5/3/2019

HPW – 20NJ02 Contract Award / SER Construction Partners,  
LLC.

Agenda Item#: 35.

### **Summary:**

**O2019-468** ORDINANCE appropriating \$10,428,944.19 out of Water & Sewer System Consolidated Construction Fund, awarding contract to **SER CONSTRUCTION PARTNERS, LLC.** for Sewer Service to Unserved Area Package 3 - Magnolia Point Internal Sanitary Sewer Service; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for testing services, CIP Cost Recovery, construction management, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund - **DISTRICT E - MARTIN**

### **Background:**

**SUBJECT:** Contract Award for Sewer Service to Unserved Area Package 3- Magnolia Point Internal Sanitary Sewer Service.

**RECOMMENDATION: (SUMMARY)** Award a Construction Contract for Sewer Service to Unserved Area Package 3- Magnolia Point Internal Sanitary Sewer Service and appropriate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the Capital Improvement Plan. It is required to meet the City of Houston design standards and reduce the potential for contamination of the drinking water supply (Lake Houston).

**DESCRIPTION/SCOPE:** This project consists of the construction of 20,715 LF of 8-inch, 10-inch, 12-inch, and 15-inch sanitary sewers. 6-inch sanitary sewers are to be used for the service connections to residents, both long and short connections. This project also includes construction of 434 LF of 12-inch, 15-inch and 24-inch of storm sewers. The Contract duration for this project is 560 calendar days. This project was designed by Othon, Inc.

**LOCATION:** The project area is generally bound by Magnolia Point Drive on the north, Cheatham Road & Collins Drive on the south, Magnolia Drive & Reba Lane on the east, and East Fork San Jacinto River on the west. The project is located in Key Map Grids 298 W, X & Y.

**BIDS:** This project was advertised for bidding on February 22, 2019. Bids were received on March 27, 2019. The six (6) bids are as follows:

	<u>Bidder</u>	<u>Bid Amount</u>
1.	SER Construction Partners, LLC.	\$ 8,325,169.70
2.	Reliance Construction Services, L.P.	\$ 8,992,105.82

3.	T-Construction, LLC.	\$ 9,873,570.00
4.	Resicom, Inc.	\$10,937,332.64
5.	Main Lane Industries, Ltd	\$13,284,498.00
6.	E.P. Brady Ltd	\$19,537,855.85

**AWARD:** It is recommended that this construction contract be awarded to SER Construction Partners, LLC. with a low bid of \$8,325,169.70 and that Addendum Number 1 be made a part of this Contract.

**PROJECT COST:** The total cost of this project is \$10,428,944.19 to be appropriated as follows:

· Bid Amount	\$8,325,169.70
· Contingencies	\$ 416,258.49
· Testing Services	\$ 200,000.00
· CIP Cost Recovery	\$ 832,516.00
· Construction Management	\$ 655,000.00

Testing Services will be provided by Gorrondona Engineering Services, Inc. under a previously approved contract.

Construction Management Services will be provided by Infrastructure Associates, Inc. under a previously approved contract.

**HIRE HOUSTON FIRST:** The proposed contract requires compliance with the City's 'Hire Houston First' (HHF) ordinance that promotes economic opportunity for Houston business and supports job creation. In this case company SER Construction Partners, LLC. is a designated HHF company, but they were the successful awardee without application of the HHF preference.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides health benefits to eligible employees in compliance with City policy.

**M/WSBE PARTICIPATION:** The contractor has submitted the following proposed program to satisfy the 13% MBE goal and 7% WBE goal for this project.

<u>MBE - Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
1. Texas Fluid Power Products Inc.	Supply water line products and fittings	\$ 613,000.00	7.36%
2. PRV Services, Inc.	Concrete paving	\$ 470,000.00	5.65%
<b>TOTAL</b>		<b>\$1,083,000.00</b>	<b>13.01%</b>
<u>WBE - Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
1. Deanie Hayes, Inc.	Supply stab sand and aggregates	\$ 219,000.00	2.63%
2. C & C Traffic Control LLC	Provide certified flagging services	\$ 139,000.00	1.67%
<b>TOTAL</b>		<b>\$ 358,000.00</b>	<b>4.30%</b>
<u>SBE - Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
1. Semarck Landscape Services, Inc.	Landscape services/ Tree protection	\$ 153,500.00	1.84%
2. Technical Assurance, L.L.C.	Performance, Payment, and Maintenance Bonds	\$ 72,500.00	0.87%

**TOTAL      \$ 226,000.00      2.71%**

**FISCAL NOTE:** No significant Fiscal Operating impact is anticipated as a result of this project.

All known rights-of-way, easements and/or right-of-entry required for the project have been acquired.

---

Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. R-000801-0015-4

**Amount of Funding:**

\$10,428,944.19 - Fund No. 8500 – Water and Sewer System Consolidated Construction

**Contact Information:**

Juan Chavira, PE, PMP, CEM  
Assistant Director, Capital Projects  
Phone: (832) 395-2441

**ATTACHMENTS:**

**Description**

Signed Coversheet  
Maps

**Type**

Signed Cover sheet  
Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District E

Item Creation Date: 5/3/2019

HPW – 20NJ02 Contract Award / SER Construction Partners, LLC.

Agenda Item#:

### **Background:**

**SUBJECT:** Contract Award for Sewer Service to Unserved Area Package 3- Magnolia Point Internal Sanitary Sewer Service.

**RECOMMENDATION: (SUMMARY)** Award a Construction Contract for Sewer Service to Unserved Area Package 3- Magnolia Point Internal Sanitary Sewer Service and appropriate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the Capital Improvement Plan. It is required to meet the City of Houston design standards and reduce the potential for contamination of the drinking water supply (Lake Houston).

**DESCRIPTION/SCOPE:** This project consists of the construction of 20,715 LF of 8-inch, 10-inch, 12-inch, and 15-inch sanitary sewers. 6-inch sanitary sewers are to be used for the service connections to residents, both long and short connections. This project also includes construction of 434 LF of 12-inch, 15-inch and 24-inch of storm sewers. The Contract duration for this project is 560 calendar days. This project was designed by Othon, Inc.

**LOCATION:** The project area is generally bound by Magnolia Point Drive on the north, Cheatham Road & Collins Drive on the south, Magnolia Drive & Reba Lane on the east, and East Fork San Jacinto River on the west. The project is located in Key Map Grids 298 W, X & Y.

**BIDS:** This project was advertised for bidding on February 22, 2019. Bids were received on March 27, 2019. The six (6) bids are as follows:

	<u>Bidder</u>	<u>Bid Amount</u>
1.	SER Construction Partners, LLC.	\$ 8,325,169.70
2.	Reliance Construction Services, L.P.	\$ 8,992,105.82
3.	T-Construction, LLC.	\$ 9,873,570.00
4.	Resicom, Inc.	\$10,937,332.64
5.	Main Lane Industries, Ltd	\$13,284,498.00
6.	E.P. Brady Ltd	\$19,537,855.85

**AWARD:** It is recommended that this construction contract be awarded to SER Construction Partners, LLC. with a low bid of \$8,325,169.70 and that Addendum Number 1 be made a part of this Contract.

**PROJECT COST:** The total cost of this project is \$10,428,944.19 to be appropriated as follows:

• Bid Amount	\$8,325,169.70
• Contingencies	\$ 416,258.49
• Testing Services	\$ 200,000.00
• CIP Cost Recovery	\$ 832,516.00
• Construction Management	\$ 655,000.00

Testing Services will be provided by Gorrondona Engineering Services, Inc. under a previously approved contract.

Construction Management Services will be provided by Infrastructure Associates, Inc. under a previously approved contract.

**HIRE HOUSTON FIRST:** The proposed contract requires compliance with the City's 'Hire Houston First' (HHF) ordinance that promotes economic opportunity for Houston business and supports job creation. In this case company SER Construction Partners, LLC. is a designated HHF company, but they were the successful awardee without application of the HHF preference.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides health benefits to eligible employees in compliance with City policy.

**M/WSBE PARTICIPATION:** The contractor has submitted the following proposed program to satisfy the 13% MBE goal and 7% WBE goal for this project.

<u>MBE - Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
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2. PRV Services, Inc.	Concrete paving	\$ 470,000.00	5.65%
<b>TOTAL</b>		<b>\$1,083,000.00</b>	<b>13.01%</b>

<u>WBE - Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
1. Deanie Hayes, Inc.	Supply stab sand and aggregates	\$ 219,000.00	2.63%
2. C & C Traffic Control LLC	Provide certified flagging services	\$ 139,000.00	1.67%
<b>TOTAL</b>		<b>\$ 358,000.00</b>	<b>4.30%</b>

<u>SBE - Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
1. Semarck Landscape Services, Inc.	Landscape services/ Tree protection	\$ 153,500.00	1.84%
2. Technical Assurance, L.L.C.	Performance, Payment, and Maintenance Bonds	\$ 72,500.00	0.87%
<b>TOTAL</b>		<b>\$ 226,000.00</b>	<b>2.71%</b>

**FISCAL NOTE:** No significant Fiscal Operating impact is anticipated as a result of this project.

All known rights-of-way, easements and/or right-of-entry required for the project have been acquired.



Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. R-000801-0015-4

**Amount of Funding:**

\$10,428,944.19 - Fund No. 8500 – Water and Sewer System Consolidated Construction

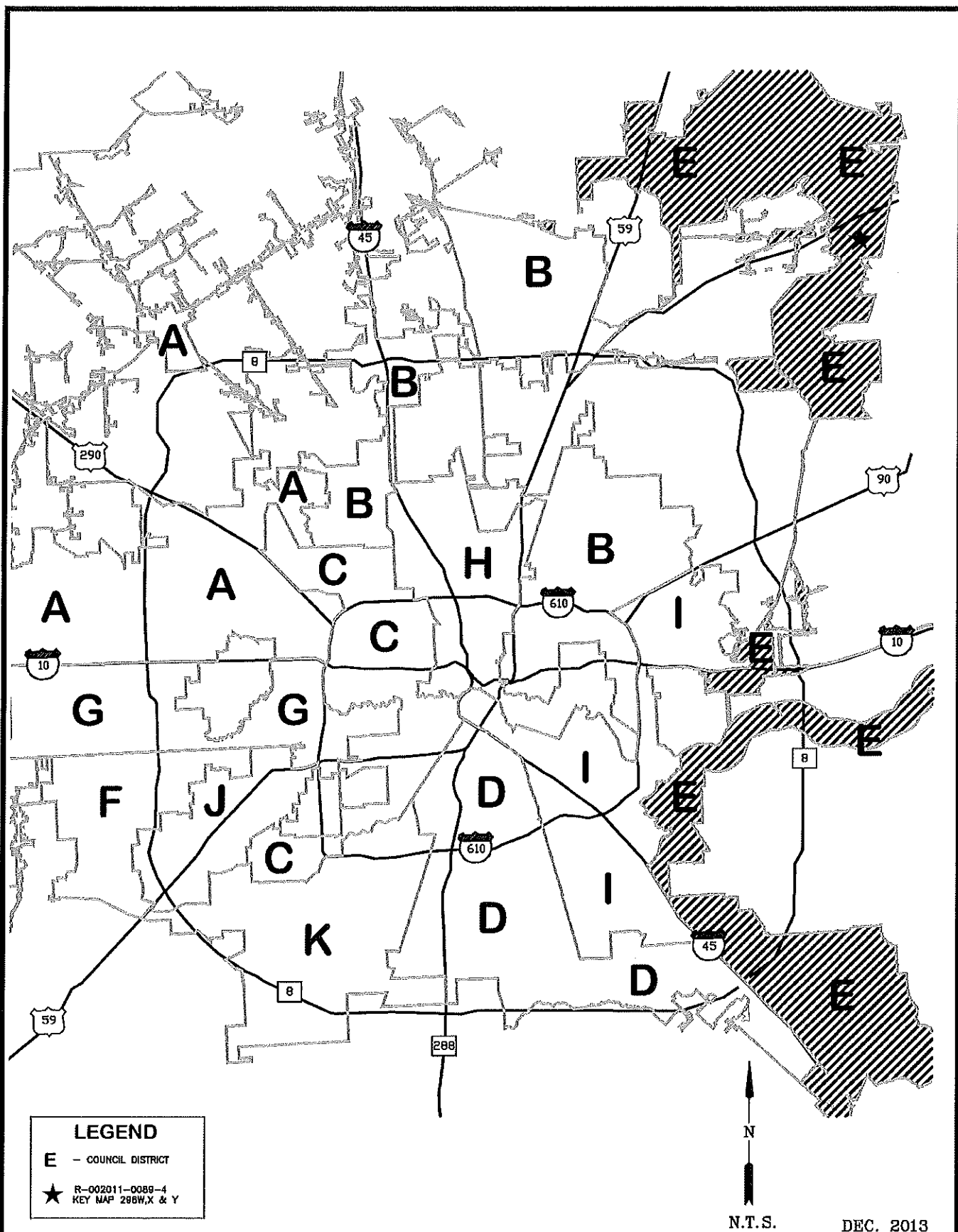
**Contact Information:**

Juan Chavira, PE, PMP, CEM  
Assistant Director, Capital Projects  
Phone: (832) 395-2441

**ATTACHMENTS:**

<b>Description</b>	<b>Type</b>
SAP Documents	Financial Information
Maps	Backup Material
Form A - Contractor's Submission List (doc 00452)	Backup Material
OBO Docs (HHF, Vendor Info Sheets & Letters of Intent)	Backup Material
Form B - Fair Campaign Ord.	Backup Material
Affidavit of Ownership (doc 0455)	Backup Material
Tax Report	Backup Material
Pay or Play (POP 1-3)	Backup Material
Form 1295	Backup Material
Bid Tabulations	Backup Material

P:\99999992-00\COH\_Magnolia Point Unserved\Exhibits\01\_LOCATION\_council.dwg  
 Dec 19 2013 10:40AM brs



DEC. 2013



**OTHON, INC.** TBPE NO. F-1471  
 11111 Wilcrest Green Dr. Suite 128, Houston, TX 77042 • TEL 713 975 8555  
 CONSULTING ENGINEERS www.othon.com

CITY OF HOUSTON



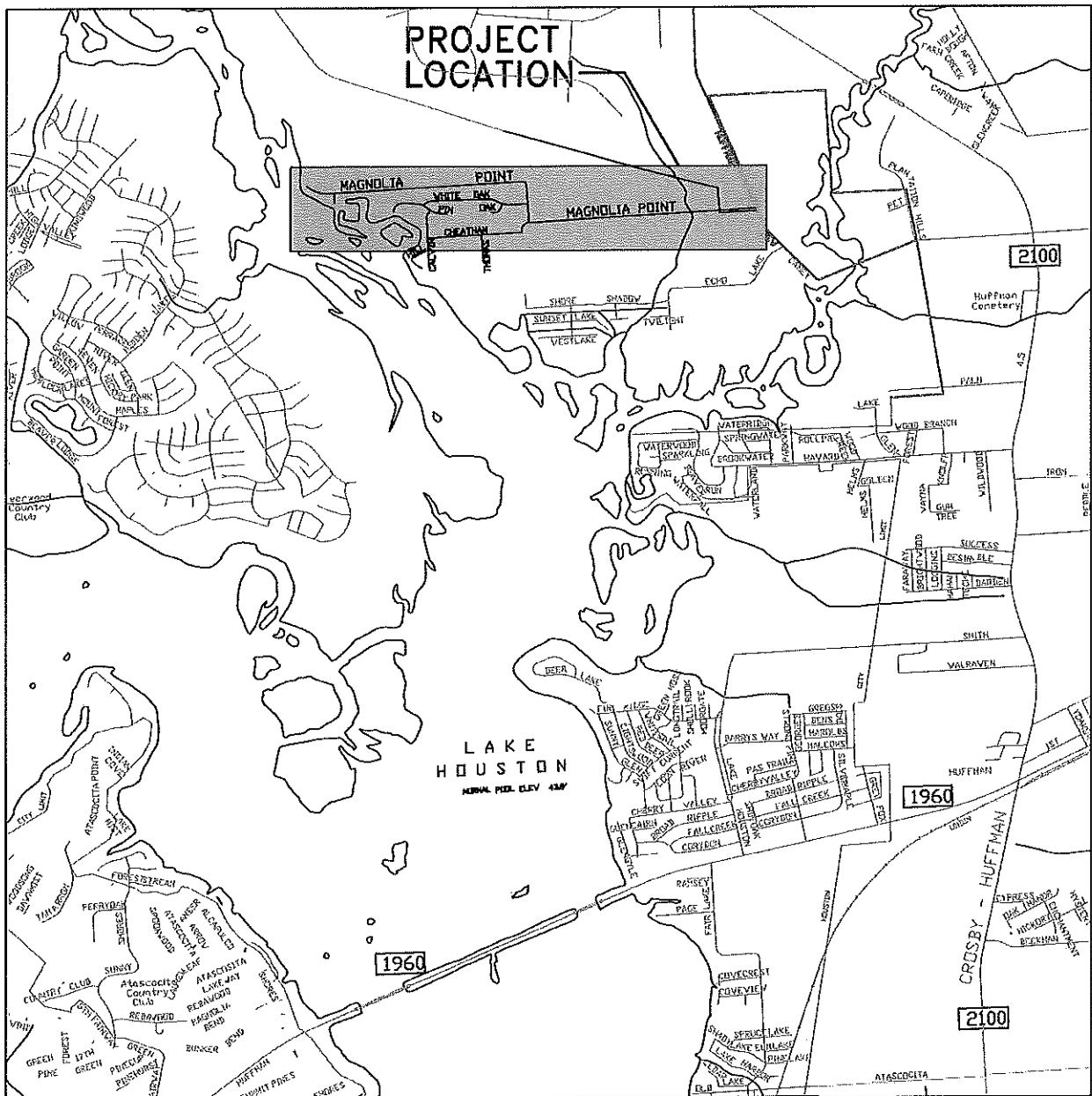
**MAGNOLIA POINT UNSERVED AREA  
 SANITARY SEWER SERVICES PACKAGE 3**

WBS No. R-000801-0015-4

**PROJECT LOCATION AND  
 COUNCIL DISTRICT BOUNDARIES**

FIGURE NO.

**1**



**PROJECT NAME:** MAGNOLIA POINT UNSERVED AREA  
SANITARY SEWER SERVICES PACKAGE 3  
WBS No. R-000801-0015-4

**PROJECT LOCATION:** KEY MAP 298W,X & Y

**LEGEND**

**PROJECT LIMITS**

**N**  
**N.T.S.**  
**OCT. 2012**



**OTHON, INC.** TBPE NO. F-1471  
11111 Wilcrest Green Dr. Suite 120, Houston, TX 77042 • TEL 713 975 8555  
**CONSULTING ENGINEERS** www.othon.com

**CI TYOF HOUSTON**



**MAGNOLIA POINT UNSERVED AREA  
SANITARY SEWER SERVICES PACKAGE 3**

**WBS No. R-000801-0015-4**

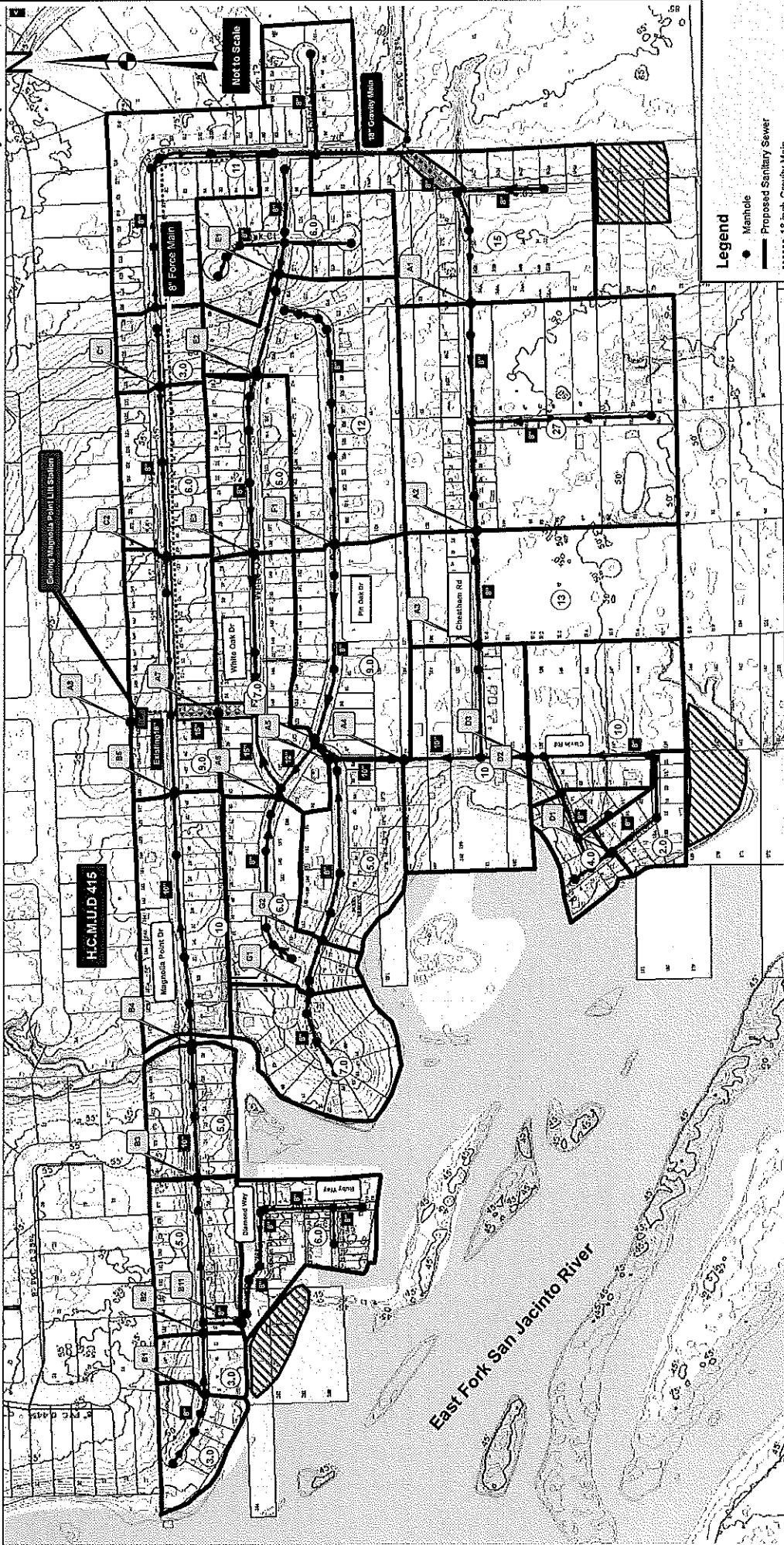
**VICINITY MAP**

**FIGURE NO.**

**2**

# Magnolia Point Unserved Area Sanitary Sewer Services Package 3

Key Map No: 298-X,Y



## Legend

- Manhole
- Proposed Sanitary Sewer
- 18 inch Gravity Main
- Direction of flow
- Sanitary Sewer Easement
- Sanitary Sewer Service Area
- Additional Proposed Sanitary sewer Service Area
- Note
- Area in Acres



## Exhibit: B - Alternate 2-Over Size Magnolia Point Lateral Line B

WBS No. R-000801-0015-4  
Council District E

Date : July 18, 2014



OTHON, INC.  
1111 Wilcoff Green Dr. Suite 128, Houston, TX 77042 • Tel: 713 975 6555  
www.othon.com  
CONSULTING ENGINEERS

TBPE NO. F-1471



## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

ALL

Item Creation Date: 3/14/2019

HPW - 20VNP34 CMI Contract / Stantec Consulting  
Services Inc.

Agenda Item#: 36.

### **Summary:**

**02019-469** ORDINANCE appropriating \$55,000.00 out of Water & Sewer System Consolidated Construction Fund and approving and authorizing Professional Construction Management and Inspection Services Contract between the City of Houston and **STANTEC CONSULTING SERVICES INC** for Large Diameter Waterline Projects; providing funding for CIP Cost Recovery relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund

### **Background:**

**SUBJECT:** Professional Construction Management and Inspection Services Contract between the City of Houston and Stantec Consulting Services Inc. for Large Diameter Waterline Projects.

**RECOMMENDATION:** Approve Professional Construction Management and Inspection Services Contract with Stantec Consulting Services Inc. and appropriate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the City's Capital Improvement Plan (CIP) for Large Diameter Water Line construction projects program.

**DESCRIPTION/SCOPE:** This contract provides for Construction Management and Inspection Services for Capital Projects of Houston Public Works in connection with Large Diameter Waterline projects.

**LOCATION:** The projects are located throughout the City of Houston.

**SCOPE OF CONTRACT AND FEE:** This contract will provide Construction Management and Inspection Services, including contract administration, processing pay estimates, coordinating schedules, evaluating proposals and change orders, site representation, inspection, document control, project closeout, constructability review, and other tasks requested by the Director of the Houston Public Works.

Project funding for construction management services will be appropriated with the contract award. The requested appropriation of \$50,000.00 will provide for limited pre-construction review and preparation as required.

The total requested appropriation is \$55,000.00 to be appropriated as follows: \$50,000.00 for contract services and \$5,000.00 for CIP Cost Recovery.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides health benefits to eligible employees in compliance with City policy.

**M/WBE PARTICIPATION:** Stantec Consulting Services Inc., has proposed the following firms to achieve the 24.00% goal for this project.

<u>Name of Firm</u>	<u>Certification Type</u>	<u>Work Description</u>	<u>Amount</u>	<u>Percentage</u>
1. Othon, Inc.	MBE	Inspection Services	\$4,000.00	8.00%
2. KIT Professionals, Inc.	MBE	Inspection Services	\$4,000.00	8.00%
3. Brian Smith Construction Inspection, Inc.	MBE	Inspection Services	<u>\$4,000.00</u>	<u>8.00%</u>
<b>Total</b>			\$12,000.00	24.00%

**FISCAL NOTE:** No significant Fiscal Operating impact is anticipated as a result of this project.

---

Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. S-000900-0188-4

**Amount of Funding:**

\$55,000.00

Water and Sewer System Consolidated Construction

Fund No. 8500

**Contact Information:**

R. Jeff Masek, P.E., CCM

Assistant Director, Capital Projects

Phone: (832) 395-2387

**ATTACHMENTS:**

**Description**

Signed Coversheet

Map

**Type**

Signed Cover sheet

Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 3/14/2019

HPW - 20VNP34 CMI Contract / Stantec Consulting Services Inc.

Agenda Item#:

### **Background:**

**SUBJECT:** Professional Construction Management and Inspection Services Contract between the City of Houston and Stantec Consulting Services Inc. for Large Diameter Waterline Projects.

**RECOMMENDATION:** Approve Professional Construction Management and Inspection Services Contract with Stantec Consulting Services Inc. and appropriate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the City's Capital Improvement Plan (CIP) for Large Diameter Water Line construction projects program.

**DESCRIPTION/SCOPE:** This contract provides for Construction Management and Inspection Services for Capital Projects of Houston Public Works in connection with Large Diameter Waterline projects.

**LOCATION:** The projects are located throughout the City of Houston.

**SCOPE OF CONTRACT AND FEE:** This contract will provide Construction Management and Inspection Services, including contract administration, processing pay estimates, coordinating schedules, evaluating proposals and change orders, site representation, inspection, document control, project closeout, constructability review, and other tasks requested by the Director of the Houston Public Works.

Project funding for construction management services will be appropriated with the contract award. The requested appropriation of \$50,000.00 will provide for limited pre-construction review and preparation as required.


The total requested appropriation is \$55,000.00 to be appropriated as follows: \$50,000.00 for contract services and \$5,000.00 for CIP Cost Recovery.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides health benefits to eligible employees in compliance with City policy.

**M/WBE PARTICIPATION:** Stantec Consulting Services Inc., has proposed the following firms to achieve the 24.00% goal for this project.

<u>Name of Firm</u>	<u>Certification Type</u>	<u>Work Description</u>	<u>Amount</u>	<u>Percentage</u>
1. Othon, Inc.	MBE	Inspection Services	\$4,000.00	8.00%
2. KIT Professionals, Inc.	MBE	Inspection Services	\$4,000.00	8.00%
3. Brian Smith Construction Inspection, Inc.	MBE	Inspection Services	<u>\$4,000.00</u>	<u>8.00%</u>
<b>Total</b>			\$12,000.00	24.00%

**FISCAL NOTE:** No significant Fiscal Operating impact is anticipated as a result of this project.

  
Carol Ellinger Haddock, P.E., Director  
Houston Public Works

WBS No. S-000900-0188-4

**Amount of Funding:**

Total \$55,000.00 from Fund No. 8500 – Water and Sewer System Consolidated Construction

**Contact Information:**

R. Jeff Masek, P.E., CCM

Assistant Director, Capital Projects

Phone: (832) 395-2387

**ATTACHMENTS:****Description**

SAP Documents

Map

OBO Docs ( Vendor Info Sheets & Letters of Intent

Form A - (doc 00452)

Form B - Fair Campaing Ord.

Affidavit of Ownership & Tax Report

Pay or Play (POP 1-3)

Form 1295

**Type**

Financial Information

Backup Material

Backup Material

Backup Material

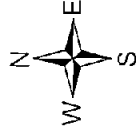
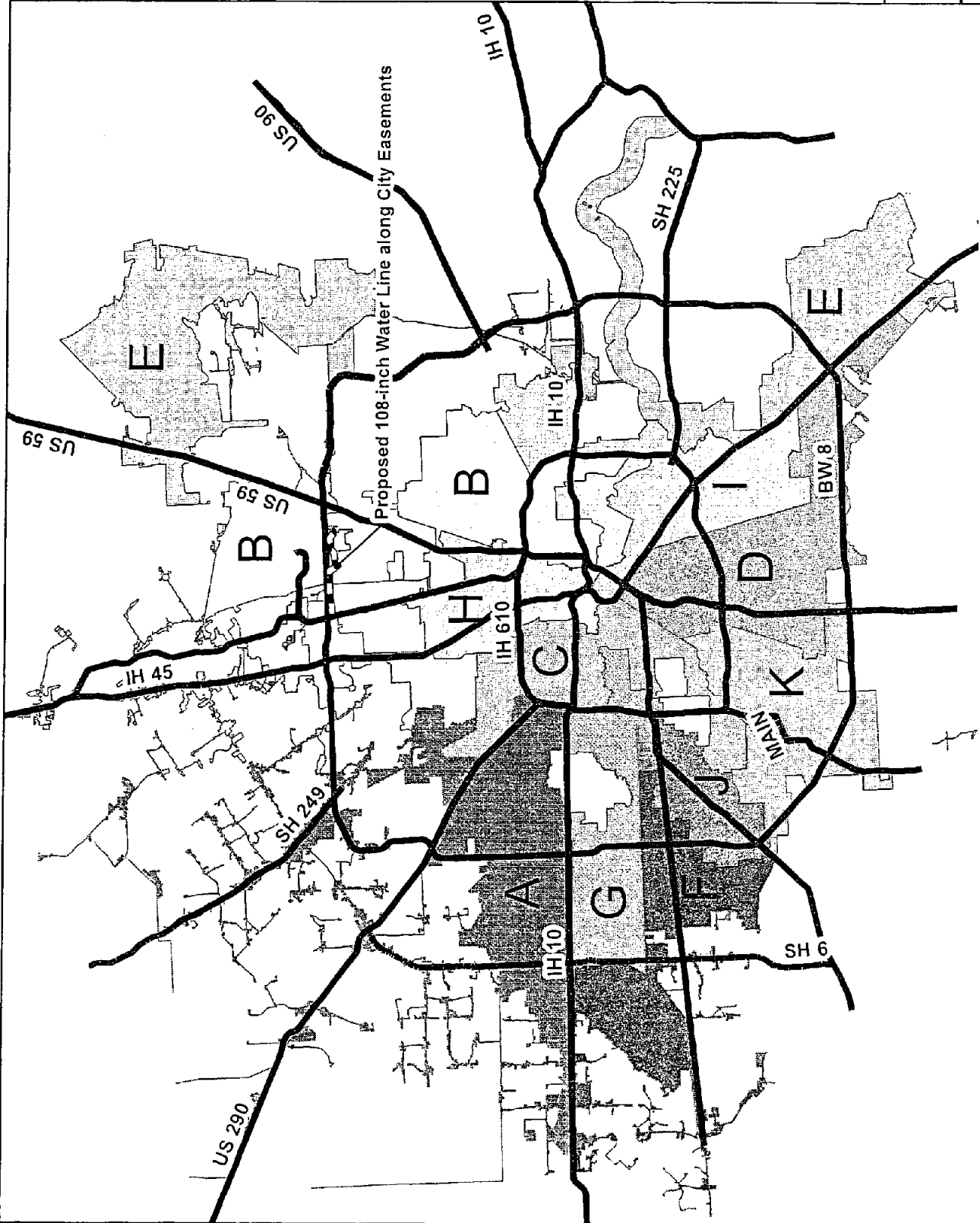
Backup Material

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Backup Material

# Houston Public Works Capital Projects



Scale As Noted

Key Map

373 T, U, V, 374 S, T, U

Proposed 108-inch  
Water Line Along City  
Easements

A - Brenda Stardig

B - Jerry Davis

C - Ellen Cohen

D - Dwight Boykins

E - Dave Martin

F - Steve Le

G - Greg Travis

H - Karla Cisneros

I - Robert Gallegos

J - Mike Laster

K - Martha Castex-  
Tatum



**Stantec**

Construction Management and Inspection  
Services Contracts for Large Diameter  
Waterline Projects  
WBS No.: S-000900-0188-4

Council District Map





## **CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 6/18/2019

Item Creation Date:

HPD Juvenile Curfew Ordinance - 2019

Agenda Item#: 37.

### **Summary:**

**M2019-340 SET PUBLIC HEARING DATES** to consider whether to continue the Juvenile Curfew Ordinance (Sections 28-171 - 28-175, City of Houston Code of Ordinances)

**HEARING DATES - 9:00 A.M. - WEDNESDAY - JUNE 26 and JULY 10, 2019**

### **Background:**

State law requires cities that have adopted a juvenile curfew ordinance to conduct hearings every three years to determine whether to abolish, continue, or modify the curfew restrictions. City Council last acted to continue the current City of Houston Juvenile Curfew Ordinance (Sections 28-171 – 28-175, City Code of Ordinances) in July 2016.

To allow for public input and in accordance with state statute (Section 370.002 of the Texas Local Government Code), two public hearings are required to be held before City Council. The proposed public hearing dates are June 26, 2019 and July 10, 2019.

Please note that on June 11, 2019, a report on this issue was presented to the Public Safety and Homeland Security Committee by HPD's Juvenile Division.

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Art Acevedo  
Chief of Police

### **Prior Council Action:**

(O) 2016-562, July 20, 2016

### **Contact Information:**

Rhonda Smith, CFO and Deputy Director (713) 308-1770  
Clifton Journet III, Police Administrator (713) 308-1779



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date:

T26119 (1 of 2) - Sale of Compostable Bags - WASTEZERO, INC. - ORDINANCE

Agenda Item#: 38.

### **Summary:**

**O2019-478** ORDINANCE awarding and approving Revenue Agreement between the City of Houston and **WASTEZERO, INC** for the Sale of Compostable Bags for the Solid Waste Management Department - 5 Years with two one-year options - Revenue

**DELAYED BY MOTION #2019-286, 6/5/2019**

This was Item 24 on Agenda of June 5, 2019

### **Background:**

**Request for Proposals Received June 1, 2017 for S19-T26119 - Approve an ordinance awarding a revenue contract to WasteZero, Inc. for the sale of compostable bags for the Solid Waste Management Department.**

### **Specific Explanation:**

The Director of the Solid Waste Management Department and Chief Procurement Officer recommend that City Council approved an ordinance awarding a revenue **five-year contract, with two one-year options** to **WasteZero, Inc.** for the sale of compostable bags for the Solid Waste Management Department.

The scope of work requires the contractor to provide all labor, supervision, bags, supplies, materials, transportation, and necessary insurance to supply city residents with compostable bags for use in the City's yard waste collection program. The Contractor will supply for sale to the public compostable bags at multiple retail outlets throughout the City. The Contractor will pay the City a royalty rate for the use of the City's Seal/Logo on a per bag basis for bags sold for use within the City. The revenue for the seven year term is estimated at or near \$196,256.66. Funds collected under this contract shall be used for education and outreach programs for recycling and composting.

This project was advertised in accordance with the requirements of the State of Texas bid laws. Thirty prospective proposers downloaded the solicitation document from SPD's e-bidding website, and as a result, proposals were received from WasteZero, Inc., Biobag Americas, Inc., Al-Pack Enterprises, LTD., Poly America, LP, EcoPlastics, LLC, and Plastic Solutions Canada, Inc. dba Ecosafe Zero Waste. The evaluation committee was comprised of four evaluators from Solid Waste Management and Houston Public Works Departments. The proposals were evaluated based upon the following criteria:

- Responsiveness to RFP
- Experience/Background/Qualifications

- Quality of Bags
- Customer Service and Product Availability/Retail Outlets
- Royalty Rate

WasteZero, Inc. was deemed one of the best two respondents.

**M/WBE Subcontracting:**

This request for proposal was issued as a goal-oriented contract with a 11% M/WBE participation level. WasteZero, Inc. has designated the below-named company as its certified M/WBE subcontractor.

SUBCONTRACTOR	TYPE OF WORK	%
AIM Over-the-Road, LLC	Warehousing, inventory control and retail store distribution	11%

**Pay or Play Program:**

The City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors does not apply in this case because the contract is a revenue contract.

**Hire Houston First:**

The proposed contract requires compliance with the City's Hire Houston First (HHF) ordinance that promotes economic opportunity for Houston businesses and supports job creation. In this case, WasteZero, Inc. does not meet the requirements for HHF designation.

**Fiscal Note:**

Funding for this item is included in the FY20 Proposed Budget. Therefore, a Fiscal Note is not required as stated in the Financial Policies.

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**Jerry Adams, Chief Procurement Officer**  
**Finance/Strategic Procurement Division**

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**Department Approval Authority**

**Amount of Funding:**

REVENUE

**Contact Information:**

Richard Morris/832-393-8736  
 Roy Korthals/832-393-8734  
 Joanne Song/832-393-0484

**ATTACHMENTS:**

**Description**

Revised Cover sheet-Waste Zero

**Type**

Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/4/2019

ALL

Item Creation Date:

T26119 (1 of 2) - Sale of Compostable Bags - WASTEZERO, INC. - ORDINANCE

Agenda Item#: 24.

### **Summary:**

ORDINANCE awarding and approving Revenue Agreement between the City of Houston and **WASTEZERO, INC** for the Sale of Compostable Bags for the Solid Waste Management Department - 5 Years with two one-year options - Revenue

### **Background:**

**Request for Proposals Received June 1, 2017 for S19-T26119 - Approve an ordinance awarding a revenue contract to WasteZero, Inc. for the sale of compostable bags for the Solid Waste Management Department.**

### **Specific Explanation:**

The Director of the Solid Waste Management Department and Chief Procurement Officer recommend that City Council approved an ordinance awarding a revenue **five-year contract, with two one-year options** to **WasteZero, Inc.** for the sale of compostable bags for the Solid Waste Management Department.

The scope of work requires the contractor to provide all labor, supervision, bags, supplies, materials, transportation, and necessary insurance to supply city residents with compostable bags for use in the City's yard waste collection program. The Contractor will supply for sale to the public compostable bags at multiple retail outlets throughout the City. The Contractor will pay the City a royalty rate for the use of the City's Seal/Logo on a per bag basis for bags sold for use within the City. The revenue for the seven year term is estimated at or near \$196,256.66. Funds collected under this contract shall be used for education and outreach programs for recycling and composting.

This project was advertised in accordance with the requirements of the State of Texas bid laws. Thirty prospective proposers downloaded the solicitation document from SPD's e-bidding website, and as a result, proposals were received from WasteZero, Inc., Biobag Americas, Inc., Al-Pack Enterprises, LTD., Poly America, LP, EcoPlastics, LLC, and Plastic Solutions Canada, Inc. dba Ecosafe Zero Waste. The evaluation committee was comprised of four evaluators from Solid Waste Management and Houston Public Works Departments. The proposals were evaluated based upon the following criteria:

- Responsiveness to RFP
- Experience/Background/Qualifications
- Quality of Bags
- Customer Service and Product Availability/Retail Outlets
- Royalty Rate

WasteZero, Inc. was deemed one of the best two respondents.

### **M/WBE Subcontracting:**

This request for proposal was issued as a goal-oriented contract with a 11% M/WBE participation level. WasteZero, Inc. has designated the below-named company as its certified M/WBE subcontractor.

SUBCONTRACTOR	TYPE OF WORK	%
AIM Over-the-Road, LLC	Warehousing, inventory control and retail store distribution	11%

### **Pay or Play Program:**

The City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors does not apply in this case because the contract is a revenue contract.


### **Hire Houston First:**

The proposed contract requires compliance with the City's Hire Houston First (HHF) ordinance that promotes economic opportunity for Houston businesses and supports job creation. In this case, WasteZero, Inc. does not meet the requirements for HHF designation.

### **Fiscal Note:**

Funding for this item is included in the FY20 Proposed Budget. Therefore, a Fiscal Note is not required as stated in the Financial Policies.

5/31/2019

DocuSigned by:  
  
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**Jerry Adams, Chief Procurement Officer**  
**Finance/Strategic Procurement Division**

**Department Approval Authority**

**Amount of Funding:**

REVENUE

**Contact Information:**

Richard Morris/832-393-8736

Roy Korthals/832-393-8734

Joanne Song/832-393-0484

**ATTACHMENTS:**

**Description**

Form A (Fair Campaign Ordinance)  
 Form B (Fair Campaign Ordinance)  
 Certificate of Interested Parties  
 Statement of Residency  
 Resolution of Contractor  
 M/WBE Letter of Intent  
 Drug Policy Documents  
 Conflict of Interest Questionnaire  
 Affidavit  
 Drug Forms  
 Proposal  
  
 Secretary of State (SOS)  
 Tax Clearance Report  
 Contract  
 COI and Endorsements  
 Bid Tab  
 Revenue Estimate  
 cover sheet  
 Ordinance WasteZero Compostable Bags  
 Signed Contract Waste Zero Compostable Bags  
 Funding Verification

**Type**

Backup Material  
 Backup Material  
 Backup Material  
 Backup Material  
 Backup Material  
 Backup Material  
 Backup Material  
 Backup Material  
 Backup Material  
 Backup Material  
 Backup Material  
 Backup Material  
 Backup Material  
 Backup Material  
 Contract/Exhibit  
 Contract/Exhibit  
 Contract/Exhibit  
 Backup Material  
 Signed Cover sheet  
 Ordinance/Resolution/Motion  
 Contract/Exhibit  
 Financial Information



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date:

T26119 (2 of 2) - Sale of Compostable Bags - BIOBAGS  
AMERICA'S, INC. - ORDINANCE

Agenda Item#: 39.

### **Summary:**

**O2019-479** ORDINANCE awarding and approving Revenue Agreement between the City of Houston and **BIOBAGS AMERICA'S, INC** for the Sale of Compostable Bags for the Solid Waste Management Department - 5 Years with two one-year options - Revenue

**DELAYED BY MOTION #2019-286, 6/5/2019**

This was Item 25 on Agenda of June 5, 2019

### **Background:**

**Request for Proposals Received June 1, 2017 for S19-T26119 - Approve an ordinance awarding a revenue contract to Biobags America's, Inc. for the sale of compostable bags for the Solid Waste Management department.**

### **Specific Explanation:**

The Director of the Solid Waste Management Department and the Chief Procurement Officer recommend that City Council approved an ordinance awarding a revenue **five-year contract, with two one-year options to Biobags America's, Inc.** for the sale of compostable bags for the Solid Waste Management Department.

The scope of work requires the contractor to provide all labor, supervision, bags, supplies, materials, transportation, and necessary insurance to supply city residents with compostable bags for use in the City's yard waste collection program. The Contractor will supply for sale to the public compostable bags at multiple retail outlets throughout the City. The Contractor will pay the City a royalty rate for the use of the City's Seal/Logo on a per bag basis for bags sold for use within the City. The revenue for the seven year term is estimated at or near \$196,256.67. Funds collected under this contract shall be used for education and outreach programs for recycling and composting.

This project was advertised in accordance with the requirements of the State of Texas bid laws. Thirty prospective proposers downloaded the solicitation document from SPD's e-bidding website, and as a result, proposals were received from WasteZero, Inc., Biobag Americas, Inc., Al-Pack Enterprises, LTD., Poly America, LP, EcoPlastics, LLC, and Plastic Solutions Canada, Inc. dba Ecosafe Zero Waste. The evaluation committee was comprised of four evaluators from Solid Waste Management and Houston Public Works Departments. The proposals were evaluated based upon the following criteria:

- Responsiveness to RFP
- Experience/Backaround/Qualifications

- Quality of Bags
- Customer Service and Product Availability/Retail Outlets
- Royalty Rate

Biobags America's, Inc. was deemed one of the best two respondents.

**M/WBE Subcontracting:**

This request for proposal was issued as a goal-oriented contract with a 11% M/WBE participation level. Biobags Americas, Inc. submitted a Good Faith Effort to the Office of Business Opportunity, which was approved. Therefore, Biobags America's, Inc. will not be required to meet the M/WBE goal.

**Pay or Play Program:**

The City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors does not apply in this case because the contract is a revenue contract.

**Hire Houston First:**

The proposed contract requires compliance with the City's Hire Houston First (HHF) ordinance that promotes economic opportunity for Houston businesses and supports job creation. In this case, Biobags America's, Inc. does not meet the requirements for HHF designation.

**Fiscal Note:**

Funding for this item is included in the FY20 Proposed Budget. Therefore, a Fiscal Note is not required as stated in the Financial Policies.

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**Jerry Adams, Chief Procurement Officer**  
**Finance/Strategic Procurement Division**

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**Department Approval Authority**

**Amount of Funding:**

REVENUE

**Contact Information:**

Richard Morris/832-393-8736

Roy Korthals/832-393-8734

Joanne Song/832-393-0484

**ATTACHMENTS:**

<b>Description</b>	<b>Type</b>
Revised Cover sheet BIOBAGS America', Inc.	Signed Cover sheet



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/4/2019

ALL

Item Creation Date:

T26119 (2 of 2) - Sale of Compostable Bags - BIOBAGS AMERICA'S, INC. -  
ORDINANCE

Agenda Item#: 25.

### **Summary:**

ORDINANCE awarding and approving Revenue Agreement between the City of Houston and **BIOBAGS AMERICA'S, INC** for the Sale of Compostable Bags for the Solid Waste Management Department - 5 Years with two one-year options - Revenue

### **Background:**

**Request for Proposals Received June 1, 2017 for S19-T26119 - Approve an ordinance awarding a revenue contract to Biobags America's, Inc. for the sale of compostable bags for the Solid Waste Management department.**

### **Specific Explanation:**

The Director of the Solid Waste Management Department and the Chief Procurement Officer recommend that City Council approved an ordinance awarding a revenue **five-year contract, with two one-year options to Biobags America's, Inc.** for the sale of compostable bags for the Solid Waste Management Department.

The scope of work requires the contractor to provide all labor, supervision, bags, supplies, materials, transportation, and necessary insurance to supply city residents with compostable bags for use in the City's yard waste collection program. The Contractor will supply for sale to the public compostable bags at multiple retail outlets throughout the City. The Contractor will pay the City a royalty rate for the use of the City's Seal/Logo on a per bag basis for bags sold for use within the City. The revenue for the seven year term is estimated at or near \$196,256.67. Funds collected under this contract shall be used for education and outreach programs for recycling and composting.

This project was advertised in accordance with the requirements of the State of Texas bid laws. Thirty prospective proposers downloaded the solicitation document from SPD's e-bidding website, and as a result, proposals were received from WasteZero, Inc., Biobag Americas, Inc., Al-Pack Enterprises, LTD., Poly America, LP, EcoPlastics, LLC, and Plastic Solutions Canada, Inc. dba Ecosafe Zero Waste. The evaluation committee was comprised of four evaluators from Solid Waste Management and Houston Public Works Departments. The proposals were evaluated based upon the following criteria:

- Responsiveness to RFP
- Experience/Background/Qualifications
- Quality of Bags
- Customer Service and Product Availability/Retail Outlets
- Royalty Rate

Biobags America's, Inc. was deemed one of the best two respondents.

### **M/WBE Subcontracting:**

This request for proposal was issued as a goal-oriented contract with a 11% M/WBE participation level. Biobags Americas, Inc. submitted a Good Faith Effort to the Office of Business Opportunity, which was approved. Therefore, Biobags America's, Inc. will not be required to meet the M/WBE goal.

### **Pay or Play Program:**

The City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors does not apply in this case because the contract is a revenue contract.

### **Hire Houston First:**

The proposed contract requires compliance with the City's Hire Houston First (HHF) ordinance that promotes economic opportunity for Houston businesses and supports job creation. In this case, Biobags America's, Inc. does not meet the requirements for HHF designation.

### **Fiscal Note:**

Funding for this item is included in the FY20 Proposed Budget. Therefore, a Fiscal Note is not required as stated in the Financial Policies.

5/31/2019

DocuSigned by:  
*Jerry Adams*  
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Jerry Adams, Chief Procurement Officer  
Finance/Strategic Procurement Division

Department Approval Authority

**Amount of Funding:**  
REVENUE

**Contact Information:**  
Richard Morris/832-393-8736  
Roy Korthals/832-393-8734  
Joanne Song/832-393-0484

**ATTACHMENTS:**

Description	Type
Form A (Fair Campaign Ordinance)	Backup Material
Form B (Fair Campaign Ordinance)	Backup Material
Approved Good Faith Efforts	Backup Material
Resolution of Contractor	Backup Material
Certificate of Interested Parties	Backup Material
Conflict of Interest Questionnaire	Backup Material
Statement of Residency	Backup Material
Drug Policy Documents	Backup Material
Royalty Rate	Backup Material
Affidavit	Backup Material
COI and Endorsements	Backup Material
No Automobile Letter	Backup Material
Secretary of State	Backup Material
Tax Clearance Report	Backup Material
Bid Tab	Backup Material
Contract	Contract/Exhibit
Revenue Estimate	Financial Information
T26119 (2 of 2) Coversheet	Signed Cover sheet
Ordinance_BioBags_Compostable Bags	Ordinance/Resolution/Motion
Signed Contract_BioBags_Compostable Bags	Contract/Exhibit
Funding Verification	Financial Information



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

District J

Item Creation Date: 4/17/2019

25CONS356 – Accept Work – Horizon International Group, LLC – Renwick Administration Building-Partial Renovation

Agenda Item#: 40.

### **Summary:**

**M2019-341** MOTION by Council Member Davis/Seconded by Council Member Robinson to adopt recommendation from Director General Services Department for approval of final contract amount of \$2,100,796.49 and acceptance of work on contract with **HORIZON INTERNATIONAL GROUP, LLC** for Renwick Administration Building - Partial Renovation - 7.96% over the original contract amount and under the 10% contingency - **DISTRICT J - LASTER**  
**TAGGED BY COUNCIL MEMBER EDWARDS**

This was Item 3 on Agenda of June 12, 2019

### **Background:**

**RECOMMENDATION:** The General Services Department recommends approval of final contract amount of \$2,100,796.49 and acceptance of work on the contract with Horizon International Group, LLC, for Renwick Administration Building-Partial Renovation – 7.96% over the original contract amount and under the 10% contingency.

**SPECIFIC EXPLANATION:** The General Services Department recommends that City Council approve the final contract amount of \$2,100,796.49 or 7.96% over the original contract amount, accept the work and authorize final payment to Horizon International Group, LLC for construction services relating to the Renwick Administration Building – Partial Renovation, for Houston Public Works.

**PROJECT LOCATION:** 7101 Renwick Drive, Houston, Texas 77081 (Key Map 531F)

**PROJECT DESCRIPTION:** The project renovated approximately 22,000sf of the existing administration building. The scope of work included replacing existing ceiling diffusers and redistributing the air; relocating existing lights and light switches; relocating data outlets; repairing the existing HVAC system and climate control system; upgrading plumbing fixtures; expanding restrooms; replacing interior finishes; pressure washing and painting the building exterior; and painting two bands of the spandrel glass interstitial surface.

**BRAVE** / Architecture was the design consultant for the project.

**CONTRACT COMPLETION AND COST:** The contractor completed the project within 539 days: the original contract time of 300 days, plus 239 days approved by Change Orders, inclusive of 144 days required to address foundation and structural issues via separate task order and job

order contracts. The final cost of the project, including Change Orders, is \$2,100,796.49, an increase of \$154,846.49 over the original contract amount.

**PREVIOUS CHANGE ORDERS:** Change Orders No. 1 and 2 furnished, installed, and modified modular buildings and 40 workstation cubicles for the temporary relocation of employees during the renovation; reconstructed abated stairwell walls; renovated additional 3500 sf of space; installed electrical upgrades; replaced door frames, and installed fire proof material between the wall and ceiling; removed and rebuilt furr-outs along the curtain wall to align with pocket face plates; and added non-compensable days to the contract duration. Differential foundation settling, and lateral building movement were discovered during construction. Design and construction of the required helical piles and structural bracing were procured through separate task order and job order contracts. The structural stabilization suspended the project for 144 days.

**CONSTRUCTION GOALS:** The contract contained an 18% MBE goal and 10% SBE goal. According to the Office of Business Opportunity, the contractor achieved 14.77% MBE participation and 4.58% SBE participation and was assigned an unsatisfactory rating. Horizon failed to achieve its MBE/SBE goals because it utilized a certified firm who subcontracted most of its work to non-certified firms; and failed to submit a revised participation plan to OBO to obtain additional certified firms after one of its subcontractors was de-certified.

**WBS No:** S-000020-0017-4

**DIRECTOR'S SIGNATURE/DATE:**

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C. J. Messiah, Jr.  
General Services Department

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Carol Ellinger Haddock, P.E.  
Houston Public Works

**Prior Council Action:**

Ordinance No. 2015-0583; Dated June 17, 2015

**Amount of Funding:**

No Additional Funding Required

**Previous Funding:**

**\$2,425,000.00** PWE-W&S System Consolidated Construction Fund (8500)

**Contact Information:**

Jacquelyn L. Nisby  
Council Liaison  
Phone: 832.393.8023

**ATTACHMENTS:**

**Description**

Coversheet (revised)  
MAPS

**Type**

Signed Cover sheet  
Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/4/2019

District J

Item Creation Date: 4/17/2019

25CONS356 – Accept Work – Horizon International Group, LLC – Renwick Administration Building-Partial Renovation

Agenda Item#: 7.

**Summary:****NOT A REAL CAPTION**

RECOMMENDATION from Director Houston Public Works for approval of final contract amount of \$2,100,796.49 and acceptance of work on contract with **HORIZON INTERNATIONAL GROUP, LLC** for Renwick Administration Building - Partial Renovation - 7.96% over the original contract amount and under the 10% contingency - **DISTRICT J - LASTER**

**Background:**

**RECOMMENDATION:** The General Services Department recommends approval of final contract amount of \$2,100,796.49 and acceptance of work on the contract with Horizon International Group, LLC, for Renwick Administration Building-Partial Renovation – 7.96% over the original contract amount and under the 10% contingency.

**SPECIFIC EXPLANATION:** The General Services Department recommends that City Council approve the final contract amount of \$2,100,796.49 or 7.96% over the original contract amount, accept the work and authorize final payment to Horizon International Group, LLC for construction services relating to the Renwick Administration Building – Partial Renovation, for Houston Public Works.

**PROJECT LOCATION:** 7101 Renwick Drive, Houston, Texas 77081 (Key Map 531F)

**PROJECT DESCRIPTION:** The project renovated approximately 22,000sf of the existing administration building. The scope of work included replacing existing ceiling diffusers and redistributing the air; relocating existing lights and light switches; relocating data outlets; repairing the existing HVAC system and climate control system; upgrading plumbing fixtures; expanding restrooms; replacing interior finishes; pressure washing and painting the building exterior; and painting two bands of the spandrel glass interstitial surface.

**BRAVE / Architecture** was the design consultant for the project.

**CONTRACT COMPLETION AND COST:** The contractor completed the project within 539 days: the original contract time of 300 days, plus 239 days approved by Change Orders, inclusive of 144 days required to address foundation and structural issues via separate task order and job order contracts. The final cost of the project, including Change Orders, is \$2,100,796.49, an increase of \$154,846.49 over the original contract amount.

**PREVIOUS CHANGE ORDERS:** Change Orders No. 1 and 2 furnished, installed, and modified modular buildings and 40 workstation cubicles for the temporary relocation of employees during the renovation; reconstructed abated stairwell walls; renovated additional 3500 sf of space; installed electrical upgrades; replaced door frames, and installed fire proof material between the wall and ceiling; removed and rebuilt furr-outs along the curtain wall to align with pocket face plates; and added non-compensable days to the contract duration. Differential foundation settling, and lateral building movement were discovered during construction. Design and construction of the required helical piles and structural bracing were procured through separate task order and job order contracts. The structural stabilization suspended the project for 144 days.

**CONSTRUCTION GOALS:** The contract contained an 18% MBE goal and 10% SBE goal. According to the Office of Business Opportunity, the contractor achieved 14.77% MBE participation and 4.58% SBE participation and was assigned an unsatisfactory rating. Horizon failed to achieve its MBE/SBE goals because it utilized a certified firm who subcontracted most of its work to non-certified firms; and failed to submit a revised participation plan to OBO to obtain additional certified firms after one of its subcontractors was de-certified.

**WBS No:** S-000020-0017-4

**DIRECTOR'S SIGNATURE/DATE:**

DocuSigned by:

*C.J. Messiah, Jr.* 5/29/2019

C-JLW/693726683F...

General Services Department

DocuSigned by:

*Carol E. Haddock*  
Carol E. Haddock, P.E.  
Houston Public Works

**Prior Council Action:**

Ordinance No. 2015-0583; Dated June 17, 2015

**Amount of Funding:**

No Additional Funding Required

**Previous Funding:**

\$2,425,000.00 PWE-W&S System Consolidated Construction Fund (8500)

**Contact Information:**

Jacquelyn L. Nisby  
Council Liaison  
Phone: 832.393.8023

DS  
*JLN*

**ATTACHMENTS:**

**Description**

MAPS

TAX REPORT

FINAL CONSENT OF SURETY

OBO CLOSEOUT EVALUATION

CERTIFICATE OF FINAL COMPLETION

PREV. RCAs & ORD.

CHANGE ORDERS

**Type**

Backup Material

Backup Material

Backup Material

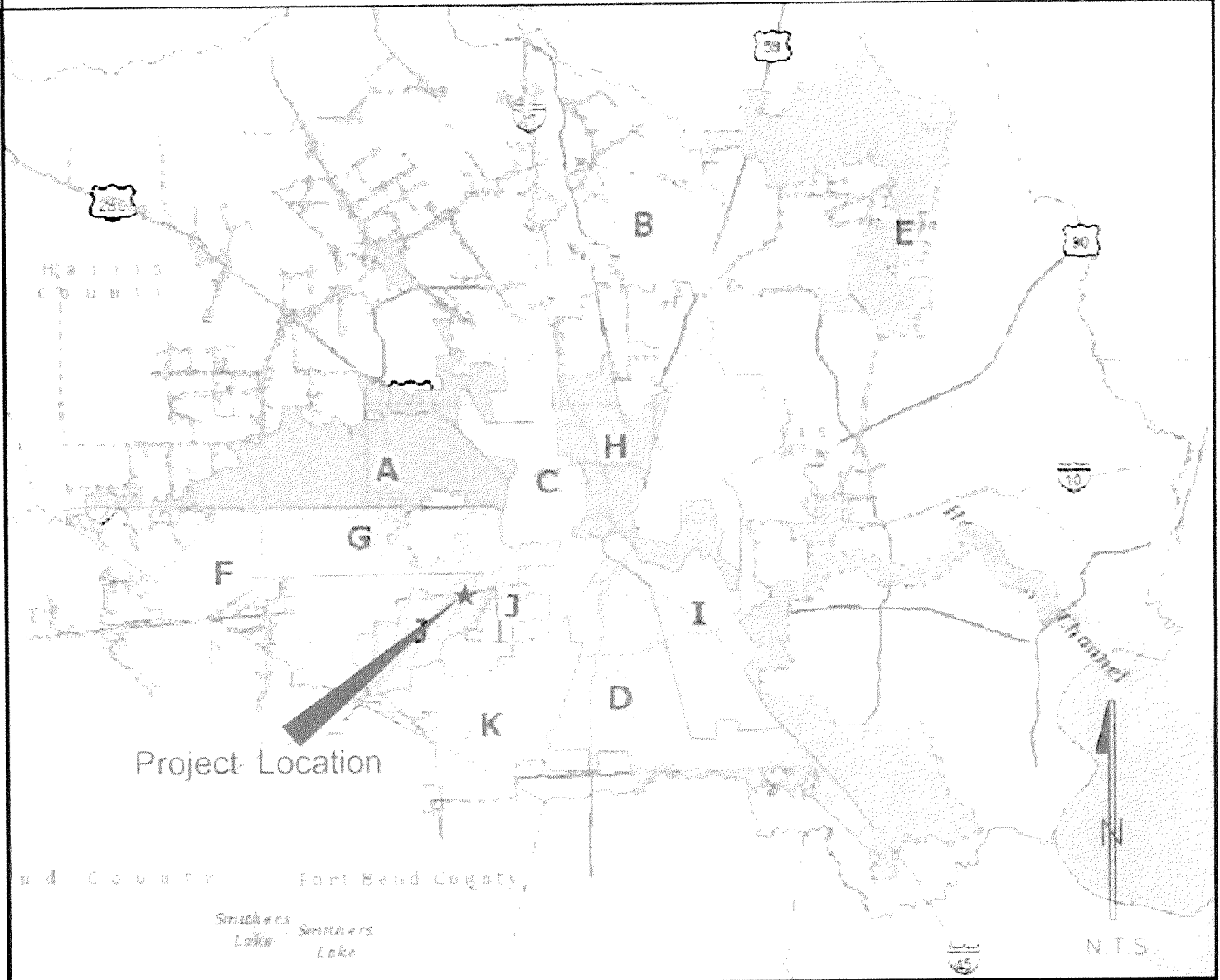
Backup Material

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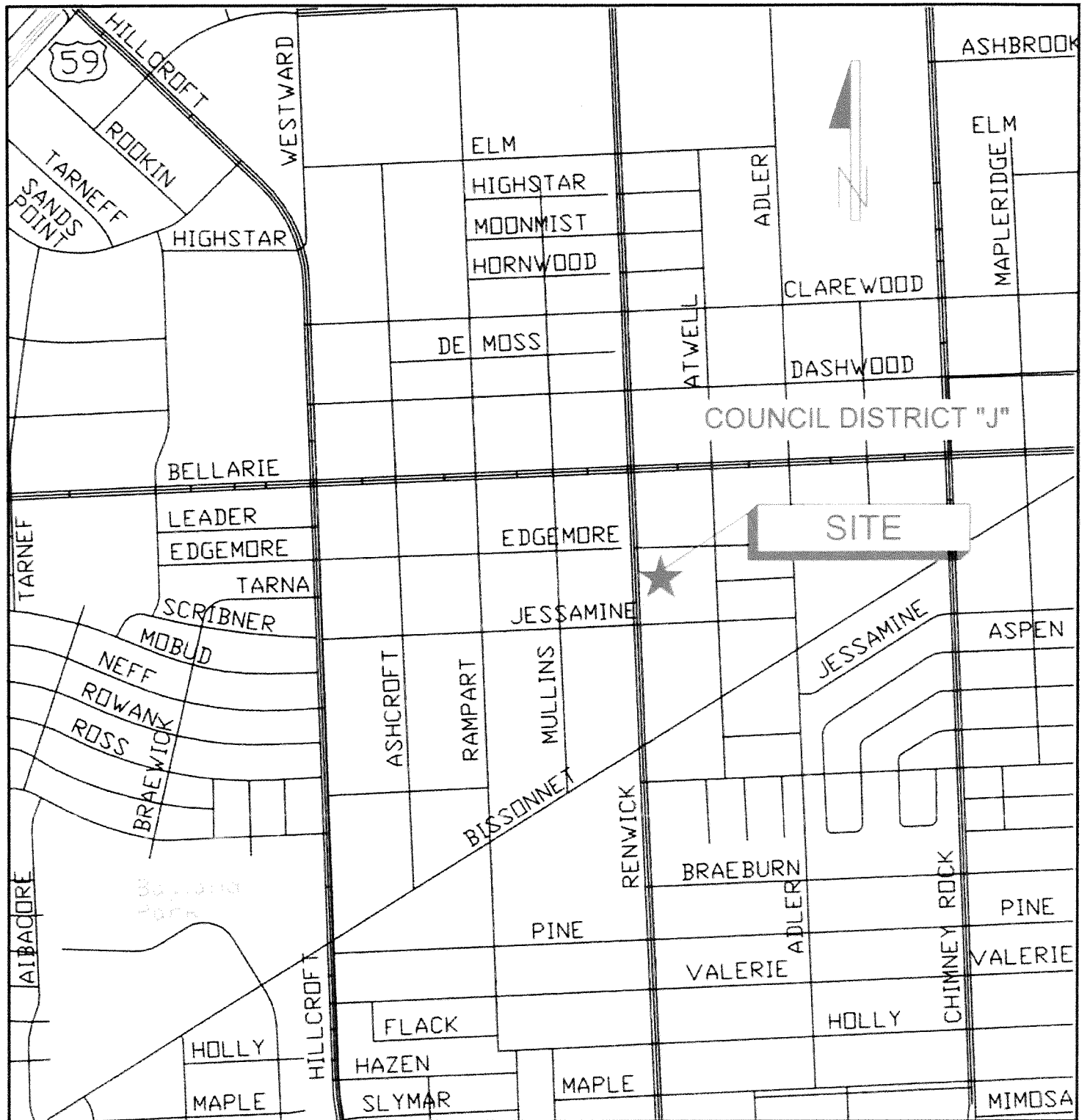
CITY OF HOUSTON  
HARRIS COUNTY, TEXAS



RENWICK ADMINISTRATION BUILDING PARTIAL RENOVATION

7101 RENWICK DRIVE  
HOUSTON, TX 77081

COUNCIL DISTRICT "J"    WBS# S-000020-0017-4    KEY MAP NO. 531F



## RENWICK ADMINISTRATION BUILDING PARTIAL RENOVATION

7101 RENWICK DRIVE  
HOUSTON, TX 77081



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 5/31/2019

LGL - Legal Services Agreement with The Lanier Law Firm;  
Reich & Binstock, LLP; and the Law Office of Richard  
Schechter, P.C.

Agenda Item#: 41.

### **Summary:**

**02019-480 ORDINANCE** approving and authorizing Professional Services Agreement between the City of Houston and **THE LANIER LAW FIRM, REICH & BINSTOCK, LLP, and THE LAW OFFICE of RICHARD SCHECHTER, P.C.** for Representation of the City in the pending Multi-District Litigation against Pharmaceutical Companies, Manufacturers of Opioids, Distributors of Opioids and Others, in IN RE: Texas Opioid Litigation, MDL No. 18-0358; filed in the 152nd District Court of Harris County, Texas; Master File No. 2018-63587; making certain findings as required by State Law; providing for a contingent fee

**TAGGED BY COUNCIL MEMBERS STARDIG and TRAVIS**

This was Item 15 on Agenda of June 12, 2019

### **Background:**

The City has been negatively impacted by the opioid crisis currently afflicting our nation and intends to participate as a plaintiff in In re: Texas Opioid Litigation, MDL No. 18-0358; filed in the 152nd District Court of Harris County, Texas; Master File No. 2018-63587 ("Litigation") in order to seek relief against the pharmaceutical companies, distributors and others responsible for manufacturing, promoting, selling and marketing prescription opioids to members of the local population.

The City recommends the Firms because members of the Firms currently represent other Texas governmental entities in this Litigation, including Dallas County, Travis County, Tarrant County, Nueces County, Potter County, Nacogdoches County and the Nueces County Hospital District. These Firms have been actively involved in this Litigation since 2018. These Firms' attorneys are experienced and highly capable subject matter experts who have successfully handled complex litigation and pharmaceutical litigation throughout the country. Three members of the Firms have been appointed by the Court to serve on the Plaintiffs' Steering Committee for the Texas MDL: Dara Hegar, Dennis Reich and Richard Schechter. Dara Hegar is involved in national negotiations, Dennis Reich is head of the Damages Committee for the state MDL, a committee on which Richard Schechter also serves, and Richard Schechter is Chair of the Administration Committee. Additionally, Mark Lanier, owner of The Lanier Law Firm, is on the Plaintiffs' Executive Committee in the federal MDL and has been selected as lead trial counsel for the first Federal Opioid case currently set for trial in November 2019. The Firms have a number of lawyers and support staff currently dedicated to handling opioid litigation.

**Hire Houston First:** This procurement is exempt from the City's Hire Houston First Ordinance based on the department's determination that compliance with the ordinance would unduly interfere with contract needs.

**Pay or Play:** The Agreement requires compliance with the City's Pay or Play ordinance regarding health benefits for employees of City contractors. The Firm provides health benefits to eligible employees in compliance with City policy.

**Fiscal Note:** This item is a Contingent Fee Legal Services Agreement and as such does not require a Fiscal Note as stated in the Financial Policies.

**M/WBE Participation:** This professional services contract is being issued with a 24% MWBE goal. The Firm has designated the below named law firm as its certified MWBE subcontractor:

Subcontractor Listing

Prime	Name of MWBE	Certification Type	Type of Work	Percentage %
The Lanier Law Firm; Reich & Binstock, LLP; and the Law Office of Richard Schechter, P.C.	Baker & Wotring, LLP	MBE/WBE	Legal Services	24%

---

**Ronald C. Lewis, City Attorney**

**Amount of Funding:**

\$0 Contingent Fee Agreement

**Contact Information:**

M. Lucille Anderson ..... 832-393-6485

Judith Ramsey..... 832-393-6468

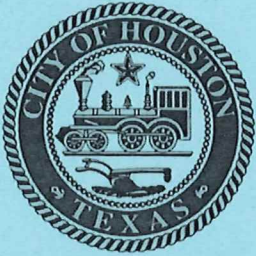
**ATTACHMENTS:**

**Description**

**Type**

Signed Cover Sheet-Lanier, Reich & Binstock,  
Schechter

Signed Cover sheet



## CITY OF HOUSTON – CITY COUNCIL

Meeting Date: 6/12/2019

District ALL

Item Creation Date: 5/31/2019

LGL- The Lanier Law Firm; Reich & Binstock, LLP; and the Law Office of Richard Schechter, P.C. Legal Services Agreement:

Agenda Item#:

### **Summary:**

An ordinance approving and authorizing a professional services contingent fee agreement between the City of Houston and The Lanier Law Firm; Reich & Binstock, LLP; and the Law Office of Richard Schechter, P.C. (Firms) for representation of the City in the pending multi-district litigation against pharmaceutical companies, manufacturers of opioids, distributors of opioids and others, in *In re: Texas Opioid Litigation*, MDL No. 18-0358; filed in the 152nd District Court of Harris County, Texas; Master File No. 2018-63587.

### **Background:**

The City has been negatively impacted by the opioid crisis currently afflicting our nation and intends to participate as a plaintiff in *In re: Texas Opioid Litigation*, MDL No. 18-0358; filed in the 152nd District Court of Harris County, Texas; Master File No. 2018-63587 ("Litigation") in order to seek relief against the pharmaceutical companies, distributors and others responsible for manufacturing, promoting, selling and marketing prescription opioids to members of the local population.

The City recommends the Firms because members of the Firms currently represent other Texas governmental entities in this Litigation, including Dallas County, Travis County, Tarrant County, Nueces County, Potter County, Nacogdoches County and the Nueces County Hospital District. These Firms have been actively involved in this Litigation since 2018. These Firms' attorneys are experienced and highly capable subject matter experts who have successfully handled complex litigation and pharmaceutical litigation throughout the country. Three members of the Firms have been appointed by the Court to serve on the Plaintiffs' Steering Committee for the Texas MDL: Dara Hegar, Dennis Reich and Richard Schechter. Dara Hegar is involved in national negotiations, Dennis Reich is head of the Damages Committee for the state MDL, a committee on which Richard Schechter also serves, and Richard Schechter is Chair of the Administration Committee. Additionally, Mark Lanier, owner of The Lanier Law Firm, is on the Plaintiffs' Executive Committee in the federal MDL and has been selected as lead trial counsel for the first Federal Opioid case currently set for trial in November 2019. The Firms have a number of lawyers and support staff currently dedicated to handling opioid litigation.

**Hire Houston First:** This procurement is exempt from the City's Hire Houston First Ordinance based on the department's determination that compliance with the ordinance would unduly interfere with contract needs.

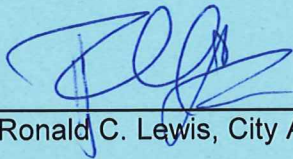
**Pay or Play:** The Agreement requires compliance with the City's Pay or Play ordinance regarding health benefits for employees of City contractors. The Firm provides health benefits to eligible employees in compliance with City policy.

**Fiscal Note:** This item is a Contingent Fee Legal Services Agreement and as such does not require a Fiscal Note as stated in the Financial Policies.

**M/WBE Participation:** This professional services contract is being issued with a 24% MWBE goal. The Firm has designated the below named law firm as its certified MWBE subcontractor:

**Subcontractor Listing**

Prime	Name of MWBE	Certification Type	Type of Work	Percentage %
The Lanier Law Firm; Reich & Binstock, LLP; and the Law Office of Richard Schechter, P.C.	Baker & Wotring, LLP	MBE/WBE	Legal Services	24%



Ronald C. Lewis, City Attorney

**Prior Council Action:**  
None

**Amount of Funding:**  
\$0 Contingent Fee Agreement

**Contact Information:**  
M. Lucille Anderson ..... 832-393-6485  
Judith Ramsey..... 832-393-6468



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

District C

Item Creation Date: 5/13/2019

MYR Ord appropriating \$45,000 for legal services

Agenda Item#: 42.

### **Summary:**

**Referred back to the Administration (M2019-342)** ORDINANCE appropriating \$45,000.00 out of Public Library Consolidated Construction Fund for Legal Services related to the sale of City of Houston property - **DISTRICT C - COHEN**

**TAGGED BY COUNCIL MEMBERS STARDIG, LASTER, KNOX and ROBINSON**

This was Item 19 on Agenda of June 12, 2019

### **Background:**

Due to the complex nature of the transaction, outside counsel will assist the City with the sale of City property located in District C. The City recommends outside counsel because of its experience in the preparation of transaction documents for the conveyance of land.

- **CIP Fiscal Note:** No significant Fiscal Operating impact is anticipated because of this project.

- **Capital Project Information:** See the attached Form A for a breakdown of capital costs.

---

Andrew F. Icken  
Chief Development Officer, Mayors Office

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Rhea Lawson, PhD  
Houston Public Library

### **Amount of Funding:**

\$45,000.00

Public Library Consolidated Construction Fund  
Fund 4507

### **Contact Information:**

Chris Feronti

**Phone:** 832-393-8014

### **ATTACHMENTS:**

**Description**

**Type**





## **CITY OF HOUSTON – CITY COUNCIL**

Meeting Date: 6/12/2019

District C

Item Creation Date: 5/13/2019

Agenda Item#:

### **Summary:**

An ordinance appropriating \$45,000.00 out of the Public Library Consolidated Construction Fund for legal services related to the sale of City property.

### **Background:**

Due to the complex nature of the transaction, outside counsel will assist the City with the sale of City property located in District C. The City recommends outside counsel because of its experience in the preparation of transaction documents for the conveyance of land.

**CIP Fiscal Note:** No significant Fiscal Operating impact is anticipated because of this project.

**Capital Project Information:** See the attached Form A for a breakdown of capital costs.

DocuSigned by:

A handwritten signature in black ink, appearing to read "A. Icken", is written over a horizontal line.

B1F85D6DF7A942B...

Andrew F. Icken

Chief Development Officer, Mayors Office

DocuSigned by:

A handwritten signature in black ink, appearing to read "Rhea Lawson", is written over a horizontal line.

02F0CB8BD16340C...

Rhea Lawson, PhD

Houston Public Library

### **Amount of Funding:**

\$45,000.00 – Public Library Consolidated Construction Fund (4507)

**\$45,000.00 – Total**

### **Contact Information:**

Chris Feronti 832-393-8014



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/18/2019

ALL

Item Creation Date: 2/4/2019

HPW – 20PKC46 PES / Entech Civil Engineers, Inc.

Agenda Item#: 43.

### **Summary:**

**O2019-481** ORDINANCE appropriating \$220,000.00 out of Parks Consolidated Construction Fund and approving and authorizing Professional Engineering Services Contract between the City of Houston and **ENTECH CIVIL ENGINEERS, INC** for the Houston Bike Plan Implementation; providing funding for CIP Cost Recovery relating to construction of facilities financed by the Parks Consolidated Construction Fund

**TAGGED BY COUNCIL MEMBERS TRAVIS and KNOX**

This was Item 21 on Agenda of June 12, 2019

### **Background:**

**SUBJECT:** Professional Engineering Services Contract between the City of Houston and Entech Civil Engineers, Inc. for Houston Bike Plan Implementation.

**RECOMMENDATION:** An ordinance approving a Professional Engineering Services Contract for Houston Bike Plan Implementation with Entech Civil Engineers, Inc. and appropriate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is a continuing effort by the City to design Bikeways along City streets as shared lanes throughout the City of Houston to meet the needs of its residents.

**DESCRIPTION/SCOPE:** This project is a Work Order Project for the re-striping existing roadways to accommodate bike lanes at various locations throughout the City.

**LOCATION:** The project area is located throughout the City of Houston and in various Key Map Grids.

**SCOPE OF CONTRACT AND FEE:** Under the scope of the Contract, the Consultant will perform Phase I, II – Final Design, Phase III -Construction Phase Services and Additional Services. The Basic Services Fees for Phase I, II and Phase III are based on a negotiated lump sum amount per work order. The total Basic Services appropriation is \$131,964.80. The fees for Basic Services for Phase I is \$32,500.00 and Phase II \$75,964.80 and Phase III is \$23,500.00. The Contract also includes certain Additional Services to be paid on a reimbursable basis. The Additional Services include Land Surveying, Engineering Design Support, Traffic Engineering and Engineering Services. The total Additional Services appropriation is \$68,035.20.

The total cost of this project is \$220,000.00 to be appropriated as follows: \$200,000.00 for Contract

services and \$20,000.00 for CIP Cost Recovery.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides health benefits to eligible employees in compliance with City policy.

**M/WBE PARTICIPATION:** The M/WBE goal for the project is set at 24%. The Consultant has proposed the following firms to achieve this goal.

	<u>Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Total Contract</u>
1.	Rahaman and Associates, Inc., DBA Western Group Consultants	Land Surveying	\$20,000.00	10.00%
2.	Aviles Engineering Corporation	Geotechnical Services	\$10,750.00	5.37%
3.	Progressive Consulting Engineers, PLLC, DBA Progressive Traffic & Transportation	Traffic Engineering	\$ 9,750.00	4.88%
4.	Landtech, Inc., DBA Landtech Consultants Inc.	Civil Engineering	\$ 7,500.00	3.75%
5.	Disha Services Inc.	Engineering Services	\$ 5,750.00	2.88%
		<b>TOTAL</b>	<b>\$53,750.00</b>	<b>26.88%</b>

**ESTIMATED FISCAL OPERATING IMPACT:**

No significant Fiscal Operating impact is anticipated as a result of this project.

\_\_\_\_\_  
Carol Ellinger Haddock, P.E., Director  
Houston Public Works

\_\_\_\_\_  
Stephen Wright, Director  
Houston Parks and Recreation Department

WBS No. F-000852-0001-3

**Amount of Funding:**

\$220,000.00 from Fund No. 4502 – Parks Consolidated Construction Fund

**Contact Information:**

Michael T. Wahl, P.E., PTOE  
Assistant Director  
\_\_\_\_\_

Transportation and Drainage Operations  
Phone: (832) 395-2443

**ATTACHMENTS:**

**Description**

Signed Coversheet  
Map

**Type**

Signed Cover sheet  
Backup Material



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 2/4/2019

HPW – 20PKC46 PES / Entech Civil Engineers, Inc.

Agenda Item#:

### **Background:**

**SUBJECT:** Professional Engineering Services Contract between the City of Houston and Entech Civil Engineers, Inc. for Houston Bike Plan Implementation.

**RECOMMENDATION:** An ordinance approving a Professional Engineering Services Contract for Houston Bike Plan Implementation with Entech Civil Engineers, Inc. and appropriate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is a continuing effort by the City to design Bikeways along City streets as shared lanes throughout the City of Houston to meet the needs of its residents.

**DESCRIPTION/SCOPE:** This project is a Work Order Project for the re-stripping existing roadways to accommodate bike lanes at various locations throughout the City.

**LOCATION:** The project area is located throughout the City of Houston and in various Key Map Grids.

**SCOPE OF CONTRACT AND FEE:** Under the scope of the Contract, the Consultant will perform Phase I, II – Final Design, Phase III -Construction Phase Services and Additional Services. The Basic Services Fees for Phase I, II and Phase III are based on a negotiated lump sum amount per work order. The total Basic Services appropriation is \$131,964.80. The fees for Basic Services for Phase I is \$32,500.00 and Phase II \$75,964.80 and Phase III is \$23,500.00. The Contract also includes certain Additional Services to be paid on a reimbursable basis. The Additional Services include Land Surveying, Engineering Design Support, Traffic Engineering and Engineering Services. The total Additional Services appropriation is \$68,035.20.

The total cost of this project is \$220,000.00 to be appropriated as follows: \$200,000.00 for Contract services and \$20,000.00 for CIP Cost Recovery.


**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides health benefits to eligible employees in compliance with City policy.

**M/WBE PARTICIPATION:** The M/WBE goal for the project is set at 24%. The Consultant has proposed the following firms to achieve this goal.

	<b><u>Name of Firms</u></b>	<b><u>Work Description</u></b>	<b><u>Amount</u></b>	<b><u>% of Total Contract</u></b>
1.	Rahaman and Associates, Inc., DBA Western Group Consultants	Land Surveying	\$20,000.00	10.00%
2.	Aviles Engineering Corporation	Geotechnical Services	\$10,750.00	5.37%
3.	Progressive Consulting Engineers, PLLC, DBA Progressive Traffic & Transportation	Traffic Engineering	\$ 9,750.00	4.88%
4.	Landtech, Inc., DBA Landtech Consultants Inc.	Civil Engineering	\$ 7,500.00	3.75%
5.	Disha Services Inc.	Engineering Services	\$ 5,750.00	2.88%
		<b>TOTAL</b>	<b>\$53,750.00</b>	<b>26.88%</b>

**ESTIMATED FISCAL OPERATING IMPACT:**

No significant Fiscal Operating impact is anticipated as a result of this project.

  
Carol Ellinger Haddock, P.E., Director  
Houston Public Works

**Stephen Wright, Director**  
**Houston Parks and Recreation Department**

WBS No. F-000852-0001-3

**Amount of Funding:**

**\$220,000.00 from Fund No. 4502 – Parks Consolidated Construction Fund**

**Contact Information:**

Michael T. Wahl, P.E., PTOE  
Assistant Director  
Transportation and Drainage Operations  
Phone: (832) 395-2443

**ATTACHMENTS:**

### Description

SAP Docs

## Map

OBO Docs

## Fair Campaign and Form B

## Affidavit of Ownership and Tax Report

POP Docs

### Vendor Info & LOIs

Form 1295

## Type

## Financial Information

## Backup Material

## Backup Material

## Backup Material

## Backup Material

## Backup Material

## Backup Material

## Backup Material

**CITY OF HOUSTON**  
**HOUSTON PUBLIC WORKS**  
**F-000852-0001-3 HOUSTON BIKE PLAN IMPLEMENTATION**

