





TO: Mayor via City Secretary

REQUEST FOR COUNCIL ACTION

| <b>SUBJECT:</b> Contract Award for East Water Purification Plant (EWPP) Building Improvements.<br>WBS Number S-000056-0081-4  |   | <b>Page</b><br>1 of 2   | <b>Agenda Item #</b> |        |            |                              |                |                                    |                |                                  |                |                          |                |
|---|---|---|----------------------|--------|------------|------------------------------|----------------|------------------------------------|----------------|----------------------------------|----------------|--------------------------|----------------|
| <b>FROM: (Department or other point of origin):</b><br>Department of Public Works and Engineering   |   | <b>Origination Date:</b>  | <b>Agenda Date:</b>  |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <b>DIRECTOR'S SIGNATURE:</b><br><br>Dale A. Rudick, P.E., Director  |   | <b>Council District affected:</b><br><br>E  |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <b>For additional information contact:</b><br><br>Ravi Kaleyatodi, P.E., CPM<br>Senior Assistant Director<br>Phone: (832) 395-2326<br>5/25/16   |   | <b>Date and identification of prior authorizing Council action:</b>   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <b>RECOMMENDATION: (Summary)</b><br>Accept low bid, award construction contract and appropriate funds.  |   |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <b>Amount and Source of Funding:</b><br>\$8,594,000.00 from the Water and Sewer System Consolidated Construction Fund No. 8500. <i>M.P. 5/13/2016</i>   |   |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <b>PROJECT NOTICE/JUSTIFICATION:</b> This project is part of the City's Capital Improvement Program to increase the safety, reliability and the efficiency of operations for selected buildings at the East Water Purification Plant.   |   |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <b>DESCRIPTION/SCOPE:</b> The project consists of building improvements at Plant 3 Chemical Building Number 1, Chemical Building Number 2 and the Sludge Building; roof repairs at the Administration Building at Plants 1 & 2. Renovation work includes plumbing, internal partitions, doors, flooring, air conditioning and water supply lines. It also includes installation of new 4.16 kV switchgear with new feeder cables, installation of new 4.16 kV primary selective switchgear, unit substation transformers, motor control centers, switchboards, panelboards, electrical transformers; removal and replacement of 4.16 kV feeder cables in existing duct bank and reconnection at the Main Switchgear at Plant 3 High Service Pump Station. |   |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| The contract duration for this project is 540 calendar days. This project was designed by Huitt-Zollars, Inc.   |   |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <b>LOCATION:</b> This project is located at 2300 Federal Road in key map grids 496 U and Y.   |   |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <b>BIDS:</b> This project was advertised for bidding on April 1, 2016. Bids were received on April 28, 2016. The four (4) bids are as follow:   |   |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <table><thead><tr><th>Bidder</th><th>Bid Amount</th></tr></thead><tbody><tr><td>1. Industrial TX Corporation</td><td>\$7,498,335.00</td></tr><tr><td>2. Christensen Building Group, LLC</td><td>\$7,506,005.00</td></tr><tr><td>3. Pepper Lawson Waterworks, LLC</td><td>\$8,178,335.00</td></tr><tr><td>4. CYMI Industrial, Inc.</td><td>\$9,780,136.00</td></tr></tbody></table>  |   |   |                      | Bidder | Bid Amount | 1. Industrial TX Corporation | \$7,498,335.00 | 2. Christensen Building Group, LLC | \$7,506,005.00 | 3. Pepper Lawson Waterworks, LLC | \$8,178,335.00 | 4. CYMI Industrial, Inc. | \$9,780,136.00 |
| Bidder  | Bid Amount  |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| 1. Industrial TX Corporation  | \$7,498,335.00  |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| 2. Christensen Building Group, LLC  | \$7,506,005.00  |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| 3. Pepper Lawson Waterworks, LLC  | \$8,178,335.00  |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| 4. CYMI Industrial, Inc.  | \$9,780,136.00  |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <b>AWARD:</b> It is recommended that this construction contract be awarded to Industrial TX Corporation with a low bid of \$7,498,335.00 and that Addendum Number 1 be made a part of this contract.  |   |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <b>LTS # 15979</b> <span style="float: right;"><b>CUIC ID# 20JWM97</b></span>   |   |   |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |
| <b>Finance Department:</b>  | <b>Other Authorization:</b><br><br>Jun Chang, P.E. D.WRE<br>Deputy Director<br>Public Utilities Division <i>WJ</i> | <b>Other Authorization:</b><br><br>Carol Ellinger Haddock, P.E.<br>Interim Deputy Director<br>Engineering & Construction Division |                      |        |            |                              |                |                                    |                |                                  |                |                          |                |

|             |  |                                  |                        |
|-------------|--|----------------------------------|------------------------|
| <b>Date</b> | <b>Subject</b> Contract Award for East Water Purification Plant (EWPP)<br>Building Improvements.<br>WBS Number S-000056-0081-4 | <b>Originator's<br/>Initials</b> | <b>Page<br/>2 of 2</b> |
|-------------|--|----------------------------------|------------------------|

**PROJECT COST:** The total cost of this project is \$8,594,000.00 to be appropriated as follows:

|   |                                  |                |
|---|----------------------------------|----------------|
| • | Bid Amount                       | \$7,498,335.00 |
| • | Contingencies                    | \$374,916.75   |
| • | Engineering and Testing Services | \$110,000.00   |
| • | CIP Cost Recovery                | \$225,748.25   |
| • | Construction Management          | \$385,000.00   |

Engineering and Testing Services will be provided by HTS, Inc. Consultants under a previously approved contract.

Construction Management Services will be provided by CB&I Environmental & Infrastructure, 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, Industrial TX Corporation 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 benefits for some employees but will pay into the Contractor Responsibility Fund for others in compliance with City policy.

**M/WBE PARTICIPATION:** The low bidder 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. Medcalf Fabrication, Inc.                                     | Metals Fabricator       | \$11,900.00           | 0.16%                |
| 2. Aviles Painting Contractor                                    | Painting                | \$195,000.00          | 2.60%                |
| 3. Elec-Net Supply   | Electrical Equipment    | \$703,000.00          | 9.38%                |
| 4. Washington & Son's Air Conditioning and Heating, LLC.         | HVAC                    | \$330,000.00          | 4.40%                |
| <b>MBE TOTAL</b>   |                         | <b>\$1,239,900.00</b> | <b>16.54%</b>        |
| <u>WBE - Name of Firms</u>                                       | <u>Work Description</u> | <u>Amount</u>         | <u>% of Contract</u> |
| 1. BL Technology, Inc.   | Control Equipment       | \$528,000.00          | 7.04%                |
| 2. Fleetcard Inc, DBA Impac Fleet                                | Fuel Management         | \$12,000.00           | 0.16%                |
| 3. MAF Enterprises, Inc.,<br>DBA Southern Interiors Construction | Drop Ceiling            | \$39,800.00           | 0.53%                |
| <b>WBE TOTAL</b>   |                         | <b>\$579,800.00</b>   | <b>7.73%</b>         |

All known rights-of-way, easements and/or right-of-entry required for the project have been acquired.

DAR:CEH:RK:SD:JM:kb

H:\design\A-WS-DIV\WPDATA\JM\JMS-000056-0081-4 pkg I\postbid\20jwm97.doc

c: File No. S-000056-0081-4 (3.7)