



**DeWight Dopslauf, C.P.M., CPPO**  
**Harris County Purchasing Agent**

March 12, 2021

Commissioners Court  
Harris County, Texas

**RE: Job No. 210022**

Members of Commissioners Court:

Please approve the following award on the basis of low bid subject to applicable bond(s) to be received from the vendor(s):

**Description:** Storm Water Improvements at Treaschwig Joint Powers Board Wastewater Treatment Plant for Harris County Precinct 4 – UPIN 20104MF1NE01

**Bid(s) Received:** Two (2) on March 01, 2021 (see attached)

**Vendor(s):** DVL Enterprises, LLC

**Amount:** \$206,790

**Evaluated By:** • Harris County Purchasing • Office of the County Engineer  
• Precinct 4

Purchase order(s) will be issued upon Commissioners Court approval.

Sincerely,

DeWight Dopslauf  
Purchasing Agent

AL  
Attachment(s)  
cc: Vendor(s)

**FOR INCLUSION ON COMMISSIONERS COURT AGENDA MARCH 30, 2021**



| Item No.                                  | Description                                                                                                                                                                                                                                                                                                                                                                                                   | UOM | Est. Qty. | DVI Enterprises, LLC <sup>1</sup><br>Unit Price | Total Price         | Unit Price  | Gael Inc.<br>Total Price |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|-------------------------------------------------|---------------------|-------------|--------------------------|
| <b>SITE PREPARATION AND EARTHWORK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |           |                                                 |                     |             |                          |
| 1                                         | TEMPORARILY REMOVE AND REPLACE APPROXIMATELY 100 LINEAR FEET OF EXISTING FENCE AND GATE TO ALLOW FOR CONSTRUCTION, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                                                                  | LF  | 100       | \$30.00                                         | \$3,000.00          | \$100.00    | \$10,000.00              |
| 2                                         | PROVIDE AND MAINTAIN TEMPORARY SECURITY FENCE FOR THE DURATION OF CONSTRUCTION AND REMOVE AT PROJECT COMPLETION, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                                                                    | LF  | 100       | \$20.00                                         | \$2,000.00          | \$45.00     | \$4,500.00               |
| 3                                         | CLEAR AND GRUB FROM BRUSH, OVERHANGS, LOGS, TRASH, RUBBISH, AND OTHER DEBRIS WITHIN THE LIMITS OF THE PROJECT AREA. FOR REMOVE AND LEGALLY DISPOSE DAMAGED 6-FOOT DIAMETER MANHOLE, RUBBLE, BASE, AND EXISTING CEMENT STABILIZED SAND BACKFILL, FOR                                                                                                                                                           | LS  | 1         | \$20,000.00                                     | \$20,000.00         | \$8,800.00  | \$8,800.00               |
| 4                                         | REMOVE AND LEGALLY DISPOSE DAMAGED 6-FOOT DIAMETER MANHOLE, RUBBLE, BASE, AND EXISTING CEMENT STABILIZED SAND BACKFILL, FOR                                                                                                                                                                                                                                                                                   | EA  | 1         | \$2,000.00                                      | \$2,000.00          | \$10,000.00 | \$10,000.00              |
| 5                                         | REMOVE AND LEGALLY DISPOSE PIPING IN THE VICINITY TO THE EXTENT SHOWN ON PLANS (ALL SIZES), COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                                                                                         | LF  | 112       | \$30.00                                         | \$3,360.00          | \$120.00    | \$13,440.00              |
| 6                                         | STRIP EXISTING VEGETATION, EXCAVATE, AND SHAPE FAILED EMBANKMENT PER CONSTRUCTION PLANS, INCLUDING PROVIDING FILL MATERIAL AS NEEDED (~700 CY CLAY SOILS), AND BACKFILL OF ANY AREA THAT MAY HAVE BEEN OVEREXCAVATED WITH CEMENT STABILIZED SAND IN LIFTS NOT TO EXCEED 6 TO 8 INCHES COMPACTED TO 95% OR MORE OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698, COMPLETE AS SPECIFIED FOR               | CY  | 700       | \$20.00                                         | \$14,000.00         | \$58.50     | \$40,950.00              |
| 7                                         | STRIP EXISTING VEGETATION, EXCAVATE, AND SHAPE FAILED EMBANKMENT PER CONSTRUCTION PLANS, INCLUDING PROVIDING FILL MATERIAL AS NEEDED (~1,000 CY CEMENT STABILIZED SAND), AND BACKFILL OF ANY AREA THAT MAY HAVE BEEN OVEREXCAVATED WITH CEMENT STABILIZED SAND IN LIFTS NOT TO EXCEED 6 TO 8 INCHES COMPACTED TO 95% OR MORE OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698, COMPLETE AS SPECIFIED FOR |     |           | \$40.00                                         | \$54,000.00         | \$53.50     | \$72,225.00              |
| 8                                         | PROVIDE TOPOGRAPHIC SURVEY AND CROSS SECTIONS OF FAILED EMBANKMENT (PRE-REPAIR) AND STABILIZED EMBANKMENT (POST-REPAIR), PREPARED BY A SURVEYOR LICENSED IN THE STATE OF TEXAS, USING BENCHMARK SHOWN ON PLANS, COMPLETE AS SPECIFIED FOR                                                                                                                                                                     | TON | 1,350     | \$10,000.00                                     | \$10,000.00         | \$7,800.00  | \$7,800.00               |
| 9                                         | GRADE AND PLACE 6 INCH THICK TOPSOIL OVER EMBANKMENT, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                                                                                                                               | LS  | 1         | \$20.00                                         | \$1,780.00          | \$50.00     | \$4,450.00               |
| 10                                        | HYDRO MULCH SEED EMBANKMENT, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                                                                                                                                                        | AC  | 89        | \$10,000.00                                     | \$1,100.00          | \$20,000.00 | \$2,200.00               |
|                                           | <b>Sub Total</b>                                                                                                                                                                                                                                                                                                                                                                                              |     |           |                                                 | \$111,240.00        |             | \$174,365.00             |
| <b>DRAINAGE</b>                           |                                                                                                                                                                                                                                                                                                                                                                                                               |     |           |                                                 |                     |             |                          |
| 11                                        | FLUSH EXISTING 42-INCH DIAMETER STORM SEWER TO SUSPEND AND REMOVE DEPOSITED MATERIALS                                                                                                                                                                                                                                                                                                                         | LS  | 1         | \$5,000.00                                      | \$5,000.00          | \$5,000.00  | \$5,000.00               |
| 12                                        | PROVIDE, OPERATE AND MAINTAIN DEWATERING TO ALLOW FOR EMBANKMENT REPAIR AND INSTALLATION OF UNDERGROUND UTILITIES, AND REMOVE AT COMPLETION, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                                        | LS  | 1         | \$5,000.00                                      | \$5,000.00          | \$60,000.00 | \$60,000.00              |
| 13                                        | PROVIDE AND INSTALL 12-INCH DIAMETER PVC STORM SEWER, INCLUDING BACKFILL, BEDDING AND CONNECT TO EXISTING STORM SEWER, AS SHOWN ON THE PLANS, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                                       | LF  | 22        | \$100.00                                        | \$2,200.00          | \$450.00    | \$9,900.00               |
| 14                                        | PROVIDE AND INSTALL 30-INCH DIAMETER PVC STORM SEWER, INCLUDING BACKFILL, BEDDING, AND CONNECT TO EXISTING STORM SEWER, AS SHOWN ON THE PLANS, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                                      | LF  | 30        | \$150.00                                        | \$4,500.00          | \$600.00    | \$18,000.00              |
| 15                                        | PROVIDE AND INSTALL 36-INCH DIAMETER PVC STORM SEWER, INCLUDING BACKFILL AND BEDDING, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                                                                                               | LF  | 30        | \$200.00                                        | \$6,000.00          | \$650.00    | \$19,500.00              |
| 16                                        | PROVIDE AND INSTALL 42-INCH DIAMETER PVC STORM SEWER, INCLUDING BACKFILL, BEDDING, AND CONNECT TO EXISTING STORM SEWER, AS SHOWN ON THE PLANS, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                                      | LF  | 30        | \$225.00                                        | \$6,750.00          | \$750.00    | \$22,500.00              |
| 17                                        | PROVIDE AND INSTALL STANDARD 6-FOOT DIAMETER PRE-CAST CONCENTRIC STORM SEWER MANHOLE FOR PIPES GREATER THAN 24-INCH DIAMETER, APPROXIMATELY 30-FOOT DEPTH, INCLUDING RING AND BOLTED COVER, CEMENT STABILIZED SAND BACKFILLING AND BEDDING, COMPLETE AS SPECIFIED FOR                                                                                                                                         | EA  | 1         | \$7,500.00                                      | \$7,500.00          | \$33,000.00 | \$33,000.00              |
| 18                                        | TIE IN NEW 12-INCH STORM SEWER LINE TO NEW MANHOLE, INCLUDING CORE DRILLING NEW MANHOLE SIDEWALL, MINIMUM 2-INCH NON-SHRINK GROUT ALL AROUND PIPE/MANHOLE PENETRATION, AND APPURTENANCES NECESSARY FOR AN OPERATIONAL AND WATER-TIGHT CONNECTION, COMPLETE AS SPECIFIED FOR                                                                                                                                   | EA  | 1         | \$5,000.00                                      | \$5,000.00          | \$900.00    | \$900.00                 |
| 19                                        | TIE IN NEW 30-INCH STORM SEWER LINE TO NEW MANHOLE, INCLUDING CORE DRILLING NEW MANHOLE SIDEWALL, MINIMUM 2-INCH NON-SHRINK GROUT ALL AROUND PIPE/MANHOLE PENETRATION, AND APPURTENANCES NECESSARY FOR AN OPERATIONAL AND WATER-TIGHT CONNECTION, COMPLETE AS SPECIFIED FOR                                                                                                                                   | EA  | 1         | \$5,000.00                                      | \$5,000.00          | \$2,700.00  | \$2,700.00               |
| 20                                        | TIE IN NEW 36-INCH STORM SEWER LINE TO NEW MANHOLE, INCLUDING CORE DRILLING NEW MANHOLE SIDEWALL, MINIMUM 2-INCH NON-SHRINK GROUT ALL AROUND PIPE/MANHOLE PENETRATION, AND APPURTENANCES NECESSARY FOR AN OPERATIONAL AND WATER-TIGHT CONNECTION, COMPLETE AS SPECIFIED FOR                                                                                                                                   | EA  | 1         | \$7,500.00                                      | \$7,500.00          | \$3,700.00  | \$3,700.00               |
| 21                                        | TIE IN NEW 42-INCH STORM SEWER LINE TO NEW MANHOLE, INCLUDING CORE DRILLING NEW MANHOLE SIDEWALL, MINIMUM 2-INCH NON-SHRINK GROUT ALL AROUND PIPE/MANHOLE PENETRATION, AND APPURTENANCES NECESSARY FOR AN OPERATIONAL AND WATER-TIGHT CONNECTION, COMPLETE AS SPECIFIED FOR                                                                                                                                   | EA  | 1         | \$8,500.00                                      | \$8,500.00          | \$4,500.00  | \$4,500.00               |
| 22                                        | PROVIDE CONCRETE COLLAR BETWEEN EXISTING AND PROPOSED 12-INCH STORM SEWER LINE AND APPURTENANCES NECESSARY FOR AN OPERATIONAL AND WATER-TIGHT CONNECTION, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                           | EA  | 1         | \$2,000.00                                      | \$2,000.00          | \$1,200.00  | \$1,200.00               |
| 23                                        | PROVIDE CONCRETE COLLAR BETWEEN EXISTING AND PROPOSED 30-INCH STORM SEWER LINE AND APPURTENANCES NECESSARY FOR AN OPERATIONAL AND WATER-TIGHT CONNECTION, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                           | EA  | 1         | \$2,000.00                                      | \$2,000.00          | \$2,500.00  | \$2,500.00               |
| 24                                        | PROVIDE CONCRETE COLLAR BETWEEN EXISTING AND PROPOSED 42-INCH STORM SEWER LINE AND APPURTENANCES NECESSARY FOR AN OPERATIONAL AND WATER-TIGHT CONNECTION, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                           | EA  | 1         | \$2,500.00                                      | \$2,500.00          | \$2,800.00  | \$2,800.00               |
|                                           | <b>Sub Total</b>                                                                                                                                                                                                                                                                                                                                                                                              |     |           |                                                 | \$69,450.00         |             | \$186,200.00             |
| <b>EXTRA WORK ITEMS</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                               |     |           |                                                 |                     |             |                          |
| 25                                        | PROVIDE TEMPORARY BYPASS STORM DRAIN SYSTEM TO ALLOW CONSTRUCTION                                                                                                                                                                                                                                                                                                                                             | LS  | 1         | \$5,000.00                                      | \$5,000.00          | \$22,000.00 | \$22,000.00              |
| 26                                        | TEMPORARY MANHOLE CONNECTION                                                                                                                                                                                                                                                                                                                                                                                  | LS  | 1         | \$2,500.00                                      | \$2,500.00          | \$3,700.00  | \$3,700.00               |
| 27                                        | REMOVE AND REPLACE 2 INCH SQUARE TUBING BETWEEN THE CHLORINE BUILDING AND THE OPERATOR'S BUILDING, COMPLETE AS SPECIFIED FOR                                                                                                                                                                                                                                                                                  | LF  | 60        | \$60.00                                         | \$3,600.00          | \$60.00     | \$3,600.00               |
| 28                                        | TEMPORARY 30 VLF STEEL SHEET PILE SHORING TO ALLOW FOR EMBANKMENT RECONSTRUCTION                                                                                                                                                                                                                                                                                                                              | HLF | 30        | \$500.00                                        | \$15,000.00         | \$1,050.00  | \$31,500.00              |
|                                           | <b>Sub Total</b>                                                                                                                                                                                                                                                                                                                                                                                              |     |           |                                                 | \$26,100.00         |             | \$60,800.00              |
|                                           | <b>Grand Total</b>                                                                                                                                                                                                                                                                                                                                                                                            |     |           |                                                 | <b>\$206,790.00</b> |             | <b>\$421,365.00</b>      |
| <sup>1</sup> Award Recommendation Low Bid |                                                                                                                                                                                                                                                                                                                                                                                                               |     |           |                                                 |                     |             |                          |