

Project Name: Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)  
 Solicitation No.: #17-0395DC  
 Description of Services: NRWRF Injection and Monitoring Wells Construction

**SUMMARY OF BIDS**

**Drilling Schedule A (Drilling 12 hrs/day 5 days/wk)**

TIME OF SUBSTANTIAL COMPLETION : 1260 CALENDAR DAYS

|  | All Webb                | YBI                     | Rowe                    | FD Drilling             |
|--|-------------------------|-------------------------|-------------------------|-------------------------|
| Total Part IA – IW-1   | \$ 2,542,949.00         | \$ 2,385,320.00         | \$ 2,717,675.00         | \$ 2,645,600.00         |
| Total Part IIA – IW-2  | \$ 2,401,299.00         | \$ 2,196,320.00         | \$ 2,506,175.00         | \$ 2,405,100.00         |
| Total Part IIIA – IW-3                                       | \$ 3,010,850.00         | \$ 2,580,339.79         | \$ 3,407,320.00         | \$ 2,944,910.00         |
| Total Part IVA – DMW-1                                       | \$ 645,052.00           | \$ 875,000.00           | \$ 943,095.00           | \$ 706,520.00           |
| Total Part VA – DMW-2  | \$ 645,052.00           | \$ 875,000.00           | \$ 943,095.00           | \$ 702,520.00           |
| Total Part VIA – DMW-3                                       | \$ 645,052.00           | \$ 875,000.00           | \$ 943,095.00           | \$ 702,520.00           |
| Total Part VIIA – Avon Park Monitor Well Conversion          | \$ 152,445.00           | \$ 211,000.00           | \$ 208,800.00           | \$ 204,945.00           |
| <b>Total Base Bid - Parts IA through VIIA</b>                | <b>\$ 10,042,699.00</b> | <b>\$ 9,997,979.79</b>  | <b>\$ 11,669,255.00</b> | <b>\$ 10,312,115.00</b> |
| Contract Contingency - 10% of Base Bid (Part IA - Part VIIA) | \$ 1,004,269.90         | \$ 999,797.98           | \$ 1,166,925.50         | \$ 1,031,211.50         |
| <b>TOTAL A Part I-VII, and Contingency</b>                   | <b>\$ 11,046,968.90</b> | <b>\$ 10,997,777.77</b> | <b>\$ 12,836,180.50</b> | <b>\$ 11,343,326.50</b> |

**Drilling Schedule B (Drilling 24 hrs/day 5 days/wk)**

TIME OF SUBSTANTIAL COMPLETION : 1440 CALENDAR DAYS

|  | All Webb                | YBI                     | Rowe                    | FD Drilling             |
|--|-------------------------|-------------------------|-------------------------|-------------------------|
| Total Part IB – IW-1   | \$ 2,542,949.00         | \$ 2,385,320.00         | \$ 2,717,675.00         | \$ 2,645,600.00         |
| Total Part IIB – IW-2  | \$ 2,498,299.00         | \$ 2,196,320.00         | \$ 2,506,175.00         | \$ 2,508,850.00         |
| Total Part IIIB – IW-3                                       | \$ 3,114,350.00         | \$ 2,571,136.65         | \$ 3,730,170.00         | \$ 3,085,660.00         |
| Total Part IVB – DMW-1                                       | \$ 645,052.00           | \$ 875,000.00           | \$ 943,095.00           | \$ 716,270.00           |
| Total Part VB – DMW-2  | \$ 645,052.00           | \$ 875,000.00           | \$ 943,095.00           | \$ 712,270.00           |
| Total Part VIB – DMW-3                                       | \$ 645,052.00           | \$ 875,000.00           | \$ 943,095.00           | \$ 712,270.00           |
| Total Part VIIB – Avon Park Monitor Well Conversion          | \$ 152,445.00           | \$ 211,000.00           | \$ 208,800.00           | \$ 209,945.00           |
| <b>Total Base Bid - Parts IB through VIIB</b>                | <b>\$ 10,243,199.00</b> | <b>\$ 9,988,776.65</b>  | <b>\$ 11,992,105.00</b> | <b>\$ 10,590,865.00</b> |
| Contract Contingency - 10% of Base Bid (Part IB - Part VIIB) | \$ 1,024,319.90         | \$ 998,877.67           | \$ 1,199,210.50         | \$ 1,059,086.50         |
| <b>TOTAL B Part I-VII, and Contingency</b>                   | <b>\$ 11,267,518.90</b> | <b>\$ 10,987,654.32</b> | <b>\$ 13,191,315.50</b> | <b>\$ 11,649,951.50</b> |

|  |                  |
|--|------------------|
| <b>Approvals:</b>  |                  |
| Bid Tab Preparation: <u>Pete Larkin</u> <i>J.P. Larkin</i> | <u>4/24/2017</u> |
| Name/Signature   | Date             |
| Project Manager: _____                                     | _____            |
| Name/Signature   | Date             |
| Purchasing: _____  | _____            |
| Name/Signature   | Date             |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**

Solicitation No.: **#17-0395DC**

Description of Services: **NWRWRF Injection and Monitoring Wells Construction**

**PART IA - IW-1 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb      |                               | YBI           |                               | Rowe          |                               | FD Drilling   |                               |
|----------|---|-----|---------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|
|          |   |     |         | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item |
| I-1.     | Mobilize and Demobilize All Equip. to the IW-1 Well Site to Complete Drilling (in a 12 Hr/Day, 5 Day/Week Schedule) and Testing Activities for IW-1, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 294,000.00 | \$ 294,000.00                 | \$ 284,000.00 | \$ 284,000.00                 | \$ 280,000.00 | \$ 280,000.00                 | \$ 125,000.00 | \$ 125,000.00                 |
| I-2.     | Set Pit Casing, Complete  | LS  | 1       | \$ 250,000.00 | \$ 250,000.00                 | \$ 117,000.00 | \$ 117,000.00                 | \$ 70,000.00  | \$ 70,000.00                  | \$ 100,000.00 | \$ 100,000.00                 |
| I-3.     | Drill Pilot Hole - Drill Nominal 8 to 12-¼ -Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:   |     |         |               | \$ -                          |               | \$ -                          |               | \$ -                          |               |                               |
|          | a. 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 80.00      | \$ 28,000.00                  | \$ 120.00     | \$ 42,000.00                  | \$ 75.00      | \$ 26,250.00                  | \$ 170.00     | \$ 59,500.00                  |
|          | b. 1,800 feet bls (Reverse-air)   | FT  | 1,450   | \$ 75.00      | \$ 108,750.00                 | \$ 120.00     | \$ 174,000.00                 | \$ 75.00      | \$ 108,750.00                 | \$ 140.00     | \$ 203,000.00                 |
|          | c. 12-inch Diameter up to 3,500 feet bls (Reverse-air)  | FT  | 1,900   | \$ 70.00      | \$ 133,000.00                 | \$ 100.00     | \$ 190,000.00                 | \$ 75.00      | \$ 142,500.00                 | \$ 115.00     | \$ 218,500.00                 |
| I-4.     | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |               | \$ -                          |               | \$ -                          |               | \$ -                          |               | \$ -                          |
|          | a. 41-inch Diameter to 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 102.00     | \$ 35,700.00                  | \$ 160.00     | \$ 56,000.00                  | \$ 300.00     | \$ 105,000.00                 | \$ 270.00     | \$ 94,500.00                  |
|          | b. 31-inch Diameter to 1,600 feet bls (Reverse-air)   | FT  | 1,250   | \$ 115.00     | \$ 143,750.00                 | \$ 140.00     | \$ 175,000.00                 | \$ 225.00     | \$ 281,250.00                 | \$ 240.00     | \$ 300,000.00                 |
|          | c. 23-inch Diameter up to 2,000 feet bls (Reverse-air)  | FT  | 400     | \$ 115.00     | \$ 46,000.00                  | \$ 120.00     | \$ 48,000.00                  | \$ 175.00     | \$ 70,000.00                  | \$ 205.00     | \$ 82,000.00                  |
|          | d. Re-establish 12-inch Diameter open hole up to 3,500 feet bls (Reverse-air)   | FT  | 1,500   | \$ 30.00      | \$ 45,000.00                  | \$ 100.00     | \$ 150,000.00                 | \$ 100.00     | \$ 150,000.00                 | \$ 100.00     | \$ 150,000.00                 |
| I-5.     | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |               | \$ -                          |               | \$ -                          |               | \$ -                          |               | \$ -                          |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 4,000.00   | \$ 4,000.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 2,250.00   | \$ 2,250.00                   |
|          | c. Pilot Hole to 1,800 feet   | EA  | 1       | \$ 19,777.00  | \$ 19,777.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 7,000.00   | \$ 7,000.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 9,500.00   | \$ 9,500.00                   | \$ 15,000.00  | \$ 15,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 3,250.00   | \$ 3,250.00                   |
|          | e. Pilot hole up to 3,500 feet  | EA  | 1       | \$ 26,369.00  | \$ 26,369.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 9,000.00   | \$ 9,000.00                   |
|          | d. Reamed Hole to 2,000 feet  | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 3,500.00   | \$ 3,500.00                   |
|          | f. Completed Well up to 3,500 feet  | EA  | 1       | \$ 65,923.00  | \$ 65,923.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,000.00   | \$ 8,000.00                   |
|          | g. Temperature Log Following Each Cement Stage  | EA  | 5       | \$ 3,665.00   | \$ 18,325.00                  | \$ 1,000.00   | \$ 5,000.00                   | \$ 2,500.00   | \$ 12,500.00                  | \$ 1,500.00   | \$ 7,500.00                   |
|          | h. Cement Bond Log on Final Casing  | EA  | 1       | \$ 18,326.00  | \$ 18,326.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 18,500.00  | \$ 18,500.00                  | \$ 6,000.00   | \$ 6,000.00                   |
| I-6.     | Furnish and Install Casing:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 32-inch Dia. Carbon Steel  | FT  | 350     | \$ 159.00     | \$ 55,650.00                  | \$ 150.00     | \$ 52,500.00                  | \$ 200.00     | \$ 70,000.00                  | \$ 205.00     | \$ 71,750.00                  |
|          | b. 24-inch Dia. Carbon Steel  | FT  | 1600    | \$ 110.00     | \$ 176,000.00                 | \$ 100.00     | \$ 160,000.00                 | \$ 125.00     | \$ 200,000.00                 | \$ 165.00     | \$ 264,000.00                 |
|          | c. 12-inch Dia. Carbon Steel  | FT  | 2000    | \$ 84.00      | \$ 168,000.00                 | \$ 120.00     | \$ 240,000.00                 | \$ 100.00     | \$ 200,000.00                 | \$ 150.00     | \$ 300,000.00                 |
| I-7.     | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 0% Bentonite (Neat)  | FT3 | 6000    | \$ 18.00      | \$ 108,000.00                 | \$ 10.00      | \$ 60,000.00                  | \$ 28.00      | \$ 168,000.00                 | \$ 15.00      | \$ 90,000.00                  |
|          | b. Up to 6% Bentonite   | FT3 | 3600    | \$ 17.00      | \$ 61,200.00                  | \$ 8.00       | \$ 28,800.00                  | \$ 35.00      | \$ 126,000.00                 | \$ 15.00      | \$ 54,000.00                  |
|          | c. Up to 8% Bentonite   | FT3 | 2400    | \$ 16.00      | \$ 38,400.00                  | \$ 7.00       | \$ 16,800.00                  | \$ 40.00      | \$ 96,000.00                  | \$ 12.50      | \$ 30,000.00                  |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**

Solicitation No.: **#17-0395DC**

Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IA - IW-1 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M  | EST QTY | All Webb     |                               | YBI          |                               | Rowe         |                               | FD Drilling   |                               |
|----------|---|------|---------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|---------------|-------------------------------|
|          |   |      |         | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item |
| I-8.     | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete   | YD3  | 20      | \$ 1,700.00  | \$ 34,000.00                  | \$ 216.00    | \$ 4,320.00                   | \$ 175.00    | \$ 3,500.00                   | \$ 275.00     | \$ 5,500.00                   |
| I-9.     | Pressure Test Casing - Successfully Complete Pressure Test on Final 24-Inch Casing Prior to Drilling Out Plug, Complete                     | LS   | 1       | \$ 20,000.00 | \$ 20,000.00                  | \$ 30,000.00 | \$ 30,000.00                  | \$ 15,000.00 | \$ 15,000.00                  | \$ 5,000.00   | \$ 5,000.00                   |
| I-10.    | Cores - During Pilot Hole or Open Hole Drilling, Provide 10-Foot Length, 4-Inch Diameter Cores at Selected Intervals, Complete              | Feet | 40      | \$ 1,402.00  | \$ 56,080.00                  | \$ 1,000.00  | \$ 40,000.00                  | \$ 750.00    | \$ 30,000.00                  | \$ 1,000.00   | \$ 40,000.00                  |
| I-11.    | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete                          | EA   | 6       | \$ 9,953.00  | \$ 59,718.00                  | \$ 10,000.00 | \$ 60,000.00                  | \$ 10,000.00 | \$ 60,000.00                  | \$ 10,000.00  | \$ 60,000.00                  |
| I-12.    | Packer Test Pumping Time, Complete  | HR   | 100     | \$ 448.00    | \$ 44,800.00                  | \$ 300.00    | \$ 30,000.00                  | \$ 300.00    | \$ 30,000.00                  | \$ 250.00     | \$ 25,000.00                  |
| I-13.    | Pumping Test Setup, Complete  | LS   | 2       | \$ 20,000.00 | \$ 40,000.00                  | \$ 10,000.00 | \$ 20,000.00                  | \$ 20,000.00 | \$ 40,000.00                  | \$ 10,000.00  | \$ 20,000.00                  |
| I-14.    | Pumping Test Pumping Time, Complete   | HR   | 10      | \$ 2,488.00  | \$ 24,880.00                  | \$ 300.00    | \$ 3,000.00                   | \$ 350.00    | \$ 3,500.00                   | \$ 250.00     | \$ 2,500.00                   |
| I-15.    | Development - Develop Well, Complete  | HR   | 48      | \$ 519.00    | \$ 24,912.00                  | \$ 300.00    | \$ 14,400.00                  | \$ 350.00    | \$ 16,800.00                  | \$ 250.00     | \$ 12,000.00                  |
| I-16.    | Temporary Wellhead  |      |         |              |                               |              |                               |              |                               |               |                               |
|          | a. Install Wellhead in accordance with the Drawings, Complete   | LS   | 1       | \$ 75,000.00 | \$ 75,000.00                  | \$ 50,000.00 | \$ 50,000.00                  | \$ 95,000.00 | \$ 95,000.00                  | \$ 10,000.00  | \$ 10,000.00                  |
|          | b. Temporary HDPE piping to reclaimed line as shown in Drawings (IW-1 only)   | FT   | 300     | \$ 173.00    | \$ 51,900.00                  | \$ 100.00    | \$ 30,000.00                  | \$ 75.00     | \$ 22,500.00                  | \$ 10.00      | \$ 3,000.00                   |
|          | c. Hot Tap Reclaimed line, Install Above Ground Appurtenances, and connect with DIP piping as shown in drawings (IW-1 only)                 | LS   | 1       | \$ 88,000.00 | \$ 88,000.00                  | \$ 40,000.00 | \$ 40,000.00                  | \$ 85,000.00 | \$ 85,000.00                  | \$ 145,000.00 | \$ 145,000.00                 |
| I-17.    | Standby Time (Max. 12 hr/day)   | HR   | 40      | \$ 200.00    | \$ 8,000.00                   | \$ 50.00     | \$ 2,000.00                   | \$ 200.00    | \$ 8,000.00                   | \$ 10.00      | \$ 400.00                     |
| I-18.    | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete | HR   | 40      | \$ 250.00    | \$ 10,000.00                  | \$ 100.00    | \$ 4,000.00                   | \$ 300.00    | \$ 12,000.00                  | \$ 75.00      | \$ 3,000.00                   |
| I-19.    | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |      |         |              |                               |              |                               |              |                               |               |                               |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples   | EA   | 35      | \$ 750.00    | \$ 26,250.00                  | \$ 300.00    | \$ 10,500.00                  | \$ 35.00     | \$ 1,225.00                   | \$ 180.00     | \$ 6,300.00                   |
|          | b. Exhibit 1, List A  | EA   | 70      | \$ 450.00    | \$ 31,500.00                  | \$ 500.00    | \$ 35,000.00                  | \$ 50.00     | \$ 3,500.00                   | \$ 745.00     | \$ 52,150.00                  |
|          | c. Exhibit 1, List B  | EA   | 12      | \$ 336.00    | \$ 4,032.00                   | \$ 1,000.00  | \$ 12,000.00                  | \$ 75.00     | \$ 900.00                     | \$ 1,500.00   | \$ 18,000.00                  |
|          | d. Exhibit 1, List C  | EA   | 1       | \$ 5,880.00  | \$ 5,880.00                   | \$ 6,000.00  | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00   | \$ 5,000.00                   |
| I-20.    | Acidization Setup - Setup for Acidization, Complete, Including well kills   | LS   | 1       | \$ 30,000.00 | \$ 30,000.00                  | \$ 40,000.00 | \$ 40,000.00                  | \$ 25,000.00 | \$ 25,000.00                  | \$ 12,500.00  | \$ 12,500.00                  |
| I-21.    | Furnish and Emplace Acid, Complete  | GAL  | 10,000  | \$ 4.00      | \$ 40,000.00                  | \$ 3.00      | \$ 30,000.00                  | \$ 7.00      | \$ 70,000.00                  | \$ 2.75       | \$ 27,500.00                  |

**TOTAL PART IA** \$ 2,542,949.00 \$ 2,385,320.00 \$ 2,717,675.00 \$ 2,645,600.00

submitted price \$ 2,542,949.00 \$ 2,385,320.00 \$ 2,717,675.00 \$ 2,645,600.00

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IIA - IW-2 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb      |                               | YBI           |                               | Rowe          |                               | FD Drilling   |                               |
|----------|---|-----|---------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|
|          |   |     |         | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item |
| II-1.    | Mobilize and Demobilize All Equip. to the IW-2 Well Site to Complete Drilling (in a 12 Hr/Day, 5 Day/Week Schedule) and Testing Activities for IW-2, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 288,000.00 | \$ 288,000.00                 | \$ 261,000.00 | \$ 261,000.00                 | \$ 268,000.00 | \$ 268,000.00                 | \$ 35,000.00  | \$ 35,000.00                  |
| II-2.    | Set Pit Casing, Complete  | LS  | 1       | \$ 250,000.00 | \$ 250,000.00                 | \$ 117,000.00 | \$ 117,000.00                 | \$ 70,000.00  | \$ 70,000.00                  | \$ 100,000.00 | \$ 100,000.00                 |
| II-3.    | Drill Pilot Hole - Drill Nominal 8 to 12-¼ -Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:   |     |         |               |                               |               | \$ -                          |               |                               |               |                               |
|          | a. 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 110.00     | \$ 38,500.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 75.00      | \$ 26,250.00                  | \$ 170.00     | \$ 59,500.00                  |
|          | b. 1,800 feet bls (Reverse-air)   | FT  | 1,450   | \$ 110.00     | \$ 159,500.00                 | \$ 100.00     | \$ 145,000.00                 | \$ 75.00      | \$ 108,750.00                 | \$ 140.00     | \$ 203,000.00                 |
|          | c. 12-inch Diameter up to 3,500 feet bls (Reverse-air)  | FT  | 1,900   | \$ 40.00      | \$ 76,000.00                  | \$ 100.00     | \$ 190,000.00                 | \$ 75.00      | \$ 142,500.00                 | \$ 115.00     | \$ 218,500.00                 |
| II-4.    | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |               | \$ -                          |               | \$ -                          |               | \$ -                          |               | \$ -                          |
|          | a. 41-inch Diameter to 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 102.00     | \$ 35,700.00                  | \$ 160.00     | \$ 56,000.00                  | \$ 300.00     | \$ 105,000.00                 | \$ 270.00     | \$ 94,500.00                  |
|          | b. 31-inch Diameter to 1,600 feet bls (Reverse-air)   | FT  | 1,250   | \$ 115.00     | \$ 143,750.00                 | \$ 140.00     | \$ 175,000.00                 | \$ 225.00     | \$ 281,250.00                 | \$ 240.00     | \$ 300,000.00                 |
|          | c. 23-inch Diameter up to 2,000 feet bls (Reverse-air)  | FT  | 400     | \$ 115.00     | \$ 46,000.00                  | \$ 120.00     | \$ 48,000.00                  | \$ 175.00     | \$ 70,000.00                  | \$ 205.00     | \$ 82,000.00                  |
|          | d. Re-establish 12-inch Diameter open hole up to 3,500 feet bls (Reverse-air)   | FT  | 1,500   | \$ 30.00      | \$ 45,000.00                  | \$ 100.00     | \$ 150,000.00                 | \$ 100.00     | \$ 150,000.00                 | \$ 100.00     | \$ 150,000.00                 |
| II-5.    | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |               | \$ -                          |               | \$ -                          |               | \$ -                          |               | \$ -                          |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 4,000.00   | \$ 4,000.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 2,250.00   | \$ 2,250.00                   |
|          | c. Pilot Hole to 1,800 feet   | EA  | 1       | \$ 19,777.00  | \$ 19,777.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 7,000.00   | \$ 7,000.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 9,500.00   | \$ 9,500.00                   | \$ 15,000.00  | \$ 15,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 3,250.00   | \$ 3,250.00                   |
|          | e. Pilot hole up to 3,500 feet  | EA  | 1       | \$ 26,369.00  | \$ 26,369.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 9,000.00   | \$ 9,000.00                   |
|          | d. Reamed Hole to 2,000 feet  | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 3,500.00   | \$ 3,500.00                   |
|          | f. Completed Well up to 3,500 feet  | EA  | 1       | \$ 65,923.00  | \$ 65,923.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,000.00   | \$ 8,000.00                   |
|          | g. Temperature Log Following Each Cement Stage  | EA  | 5       | \$ 3,665.00   | \$ 18,325.00                  | \$ 1,000.00   | \$ 5,000.00                   | \$ 2,500.00   | \$ 12,500.00                  | \$ 1,500.00   | \$ 7,500.00                   |
|          | h. Cement Bond Log on Final Casing  | EA  | 1       | \$ 18,326.00  | \$ 18,326.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 18,500.00  | \$ 18,500.00                  | \$ 6,000.00   | \$ 6,000.00                   |
| II-6.    | Furnish and Install Casing:   |     |         |               | \$ -                          |               | \$ -                          |               | \$ -                          |               | \$ -                          |
|          | a. 32-inch Dia. Carbon Steel  | FT  | 350     | \$ 159.00     | \$ 55,650.00                  | \$ 150.00     | \$ 52,500.00                  | \$ 200.00     | \$ 70,000.00                  | \$ 205.00     | \$ 71,750.00                  |
|          | b. 24-inch Dia. Carbon Steel  | FT  | 1600    | \$ 110.00     | \$ 176,000.00                 | \$ 100.00     | \$ 160,000.00                 | \$ 125.00     | \$ 200,000.00                 | \$ 165.00     | \$ 264,000.00                 |
|          | c. 12-inch Dia. Carbon Steel  | FT  | 2000    | \$ 84.00      | \$ 168,000.00                 | \$ 120.00     | \$ 240,000.00                 | \$ 100.00     | \$ 200,000.00                 | \$ 150.00     | \$ 300,000.00                 |
| II-7.    | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |               |                               |               | \$ -                          |               |                               |               |                               |
|          | a. 0% Bentonite (Neat)  | FT3 | 6000    | \$ 18.00      | \$ 108,000.00                 | \$ 10.00      | \$ 60,000.00                  | \$ 28.00      | \$ 168,000.00                 | \$ 15.00      | \$ 90,000.00                  |
|          | b. Up to 6% Bentonite   | FT3 | 3600    | \$ 17.00      | \$ 61,200.00                  | \$ 8.00       | \$ 28,800.00                  | \$ 35.00      | \$ 126,000.00                 | \$ 15.00      | \$ 54,000.00                  |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
 Solicitation No.: **#17-0395DC**  
 Description of Services: **NWRWRF Injection and Monitoring Wells Construction**

**PART IIA - IW-2 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M  | EST QTY | All Webb     |                               | YBI          |                               | Rowe         |                               | FD Drilling  |                               |
|----------|---|------|---------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |   |      |         | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
|          | c. Up to 8% Bentonite   | FT3  | 2400    | \$ 16.00     | \$ 38,400.00                  | \$ 7.00      | \$ 16,800.00                  | \$ 40.00     | \$ 96,000.00                  | \$ 12.50     | \$ 30,000.00                  |
| II-8.    | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete   | YD3  | 20      | \$ 1,700.00  | \$ 34,000.00                  | \$ 216.00    | \$ 4,320.00                   | \$ 175.00    | \$ 3,500.00                   | \$ 275.00    | \$ 5,500.00                   |
| II-9.    | Pressure Test Casing - Successfully Complete Pressure Test on Final 24-Inch Casing Prior to Drilling Out Plug, Complete                     | LS   | 1       | \$ 20,000.00 | \$ 20,000.00                  | \$ 20,000.00 | \$ 20,000.00                  | \$ 15,000.00 | \$ 15,000.00                  | \$ 5,000.00  | \$ 5,000.00                   |
| II-10.   | Cores - During Pilot Hole or Open Hole Drilling, Provide 10-Foot Length, 4-Inch Diameter Cores at Selected Intervals, Complete              | Feet | 40      | \$ 1,402.00  | \$ 56,080.00                  | \$ 1,000.00  | \$ 40,000.00                  | \$ 750.00    | \$ 30,000.00                  | \$ 1,000.00  | \$ 40,000.00                  |
| II-11.   | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete                          | EA   | 6       | \$ 9,953.00  | \$ 59,718.00                  | \$ 10,000.00 | \$ 60,000.00                  | \$ 10,000.00 | \$ 60,000.00                  | \$ 10,000.00 | \$ 60,000.00                  |
| II-12.   | Packer Test Pumping Time, Complete  | HR   | 100     | \$ 448.00    | \$ 44,800.00                  | \$ 300.00    | \$ 30,000.00                  | \$ 300.00    | \$ 30,000.00                  | \$ 250.00    | \$ 25,000.00                  |
| II-13.   | Pumping Test Setup, Complete  | LS   | 2       | \$ 20,000.00 | \$ 40,000.00                  | \$ 10,000.00 | \$ 20,000.00                  | \$ 20,000.00 | \$ 40,000.00                  | \$ 10,000.00 | \$ 20,000.00                  |
| II-14.   | Pumping Test Pumping Time, Complete   | HR   | 10      | \$ 2,488.00  | \$ 24,880.00                  | \$ 300.00    | \$ 3,000.00                   | \$ 350.00    | \$ 3,500.00                   | \$ 250.00    | \$ 2,500.00                   |
| II-15.   | Development - Develop Well by Air Lifting, Complete   | HR   | 48      | \$ 519.00    | \$ 24,912.00                  | \$ 300.00    | \$ 14,400.00                  | \$ 350.00    | \$ 16,800.00                  | \$ 250.00    | \$ 12,000.00                  |
| II-16.   | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete  | LS   | 1       | \$ 75,000.00 | \$ 75,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 3,000.00  | \$ 3,000.00                   | \$ 7,500.00  | \$ 7,500.00                   |
| II-17.   | Standby Time (Max. 12 hr/day)   | HR   | 40      | \$ 200.00    | \$ 8,000.00                   | \$ 50.00     | \$ 2,000.00                   | \$ 200.00    | \$ 8,000.00                   | \$ 10.00     | \$ 400.00                     |
| II-18.   | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete | HR   | 40      | \$ 250.00    | \$ 10,000.00                  | \$ 100.00    | \$ 4,000.00                   | \$ 300.00    | \$ 12,000.00                  | \$ 75.00     | \$ 3,000.00                   |
| II-19.   | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |      |         |              |                               |              | \$ -                          |              |                               |              |                               |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples   | EA   | 35      | \$ 750.00    | \$ 26,250.00                  | \$ 300.00    | \$ 10,500.00                  | \$ 35.00     | \$ 1,225.00                   | \$ 180.00    | \$ 6,300.00                   |
|          | b. Exhibit 1, List A  | EA   | 70      | \$ 450.00    | \$ 31,500.00                  | \$ 500.00    | \$ 35,000.00                  | \$ 50.00     | \$ 3,500.00                   | \$ 745.00    | \$ 52,150.00                  |
|          | c. Exhibit 1, List B  | EA   | 12      | \$ 336.00    | \$ 4,032.00                   | \$ 1,000.00  | \$ 12,000.00                  | \$ 75.00     | \$ 900.00                     | \$ 1,500.00  | \$ 18,000.00                  |
|          | d. Exhibit 1, List C  | EA   | 1       | \$ 5,880.00  | \$ 5,880.00                   | \$ 6,000.00  | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00  | \$ 5,000.00                   |
| II-20.   | Acidization Setup - Setup for Acidization, Complete, Including well kills   | LS   | 1       | \$ 30,000.00 | \$ 30,000.00                  | \$ 30,000.00 | \$ 30,000.00                  | \$ 25,000.00 | \$ 25,000.00                  | \$ 12,500.00 | \$ 12,500.00                  |
| II-21.   | Furnish and Emplace Acid, Complete  | GAL  | 10,000  | \$ 4.00      | \$ 40,000.00                  | \$ 3.00      | \$ 30,000.00                  | \$ 7.00      | \$ 70,000.00                  | \$ 2.75      | \$ 27,500.00                  |

|                       |               |                        |                  |                        |             |                        |                    |                        |
|-----------------------|---------------|------------------------|------------------|------------------------|-------------|------------------------|--------------------|------------------------|
| <b>TOTAL PART IIA</b> | <b>Actual</b> | <b>\$ 2,401,299.00</b> | <b>Submitted</b> | <b>\$ 2,196,320.00</b> | <b>Rowe</b> | <b>\$ 2,506,175.00</b> | <b>FD Drilling</b> | <b>\$ 2,405,100.00</b> |
|-----------------------|---------------|------------------------|------------------|------------------------|-------------|------------------------|--------------------|------------------------|

|                 |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|
| submitted price | \$ 2,401,299.00 | \$ 2,196,320.00 | \$ 2,506,175.00 | \$ 2,405,100.00 |
|-----------------|-----------------|-----------------|-----------------|-----------------|

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IIIA - IW-3 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb      |                               | YBI           |                               | Rowe          |                               | FD Drilling   |                               |
|----------|---|-----|---------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|
|          |   |     |         | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item |
| III-1.   | a. Mobilize and Demobilize All Equip. to the IW-3 Well Site at the NRWRF to Complete Drilling and Testing Activities for IW-3, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 300,000.00 | \$ 300,000.00                 | \$ 308,000.00 | \$ 308,000.00                 | \$ 309,000.00 | \$ 309,000.00                 | \$ 35,000.00  | \$ 35,000.00                  |
|          | b. <u>Additional</u> Mobilization Cost to Construct Well at SEWRF   | LS  | 1       | \$ 25,000.00  | \$ 25,000.00                  | \$ 22,719.79  | \$ 22,719.79                  | \$ 200,000.00 | \$ 200,000.00                 | \$ 25,000.00  | \$ 25,000.00                  |
| III-2.   | Set Pit Casing, Complete  | LS  | 1       | \$ 250,000.00 | \$ 250,000.00                 | \$ 111,800.00 | \$ 111,800.00                 | \$ 70,000.00  | \$ 70,000.00                  | \$ 100,000.00 | \$ 100,000.00                 |
| III-3.   | Drill Pilot Hole - Drill Nominal 8 to 12-¼ -Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:   |     |         |               | \$ -                          |               | \$ -                          |               | \$ -                          |               | \$ -                          |
|          | a. 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 180.00     | \$ 63,000.00                  | \$ 120.00     | \$ 42,000.00                  | \$ 75.00      | \$ 26,250.00                  | \$ 170.00     | \$ 59,500.00                  |
|          | b. 1,800 feet bls (Reverse-air)   | FT  | 1,450   | \$ 100.00     | \$ 145,000.00                 | \$ 120.00     | \$ 174,000.00                 | \$ 75.00      | \$ 108,750.00                 | \$ 140.00     | \$ 203,000.00                 |
|          | c. 12-inch Diameter up to 3,500 feet bls (Reverse-air)  | FT  | 1,900   | \$ 40.00      | \$ 76,000.00                  | \$ 100.00     | \$ 190,000.00                 | \$ 100.00     | \$ 190,000.00                 | \$ 115.00     | \$ 218,500.00                 |
| III-4.   | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |               | \$ -                          |               | \$ -                          |               | \$ -                          |               | \$ -                          |
|          | a. 47-inch Diameter to 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 102.00     | \$ 35,700.00                  | \$ 180.00     | \$ 63,000.00                  | \$ 350.00     | \$ 122,500.00                 | \$ 275.00     | \$ 96,250.00                  |
|          | b. 33-inch Diameter to 1,600 feet bls (Reverse-air)   | FT  | 1,250   | \$ 115.00     | \$ 143,750.00                 | \$ 150.00     | \$ 187,500.00                 | \$ 250.00     | \$ 312,500.00                 | \$ 250.00     | \$ 312,500.00                 |
|          | c. 25-inch Diameter up to 2,000 feet bls (Reverse-air)  | FT  | 400     | \$ 115.00     | \$ 46,000.00                  | \$ 130.00     | \$ 52,000.00                  | \$ 225.00     | \$ 90,000.00                  | \$ 215.00     | \$ 86,000.00                  |
|          | d. Re-establish 12-inch Diameter open hole up to 3,500 feet bls (Reverse-air)   | FT  | 1,500   | \$ 30.00      | \$ 45,000.00                  | \$ 100.00     | \$ 150,000.00                 | \$ 100.00     | \$ 150,000.00                 | \$ 100.00     | \$ 150,000.00                 |
| III-5.   | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 6,100.00   | \$ 6,100.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00   | \$ 7,500.00                   | \$ 4,000.00   | \$ 4,000.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 6,100.00   | \$ 6,100.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00   | \$ 7,500.00                   | \$ 2,250.00   | \$ 2,250.00                   |
|          | c. Pilot Hole to 1,800 feet   | EA  | 1       | \$ 19,000.00  | \$ 19,000.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 7,500.00   | \$ 7,500.00                   | \$ 7,000.00   | \$ 7,000.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 6,100.00   | \$ 6,100.00                   | \$ 15,000.00  | \$ 15,000.00                  | \$ 7,500.00   | \$ 7,500.00                   | \$ 3,250.00   | \$ 3,250.00                   |
|          | e. Pilot hole up to 3,500 feet  | EA  | 1       | \$ 26,000.00  | \$ 26,000.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 7,500.00   | \$ 7,500.00                   | \$ 9,000.00   | \$ 9,000.00                   |
|          | d. Reamed Hole to 2,000 feet  | EA  | 1       | \$ 6,100.00   | \$ 6,100.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 7,500.00   | \$ 7,500.00                   | \$ 3,500.00   | \$ 3,500.00                   |
|          | f. Completed Well up to 3,500 feet  | EA  | 1       | \$ 65,000.00  | \$ 65,000.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 8,000.00   | \$ 8,000.00                   |
|          | g. Temperature Log Following Each Cement Stage  | EA  | 5       | \$ 2,000.00   | \$ 10,000.00                  | \$ 1,000.00   | \$ 5,000.00                   | \$ 2,500.00   | \$ 12,500.00                  | \$ 1,500.00   | \$ 7,500.00                   |
|          | h. Cement Bond Log on Final Casing  | EA  | 1       | \$ 18,000.00  | \$ 18,000.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 6,000.00   | \$ 6,000.00                   |
| III-6.   | Furnish and Install Casing:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 34-inch Dia. Carbon Steel  | FT  | 350     | \$ 200.00     | \$ 70,000.00                  | \$ 160.00     | \$ 56,000.00                  | \$ 250.00     | \$ 87,500.00                  | \$ 215.00     | \$ 75,250.00                  |
|          | b. 26-inch Dia. Carbon Steel  | FT  | 1600    | \$ 160.00     | \$ 256,000.00                 | \$ 120.00     | \$ 192,000.00                 | \$ 150.00     | \$ 240,000.00                 | \$ 170.00     | \$ 272,000.00                 |
|          | c. 16-inch Dia. Carbon Steel  | FT  | 2000    | \$ 185.00     | \$ 370,000.00                 | \$ 100.00     | \$ 200,000.00                 | \$ 175.00     | \$ 350,000.00                 | \$ 180.00     | \$ 360,000.00                 |
|          | d. 9.625-inch Dia. FRP Tubing   | FT  | 2000    | \$ 120.00     | \$ 240,000.00                 | \$ 80.00      | \$ 160,000.00                 | \$ 100.00     | \$ 200,000.00                 | \$ 170.00     | \$ 340,000.00                 |
| III-7.   | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 0% Bentonite (Neat)  | FT3 | 7500    | \$ 18.00      | \$ 135,000.00                 | \$ 10.00      | \$ 75,000.00                  | \$ 28.00      | \$ 210,000.00                 | \$ 15.00      | \$ 112,500.00                 |
|          | b. Up to 6% Bentonite   | FT3 | 4500    | \$ 17.00      | \$ 76,500.00                  | \$ 8.00       | \$ 36,000.00                  | \$ 35.00      | \$ 157,500.00                 | \$ 15.00      | \$ 67,500.00                  |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IIIA - IW-3 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION  | U/M  | EST QTY | All Webb     |                               | YBI          |                               | Rowe         |                               | FD Drilling  |                               |
|----------|--|------|---------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |  |      |         | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
|          | c. Up to 8% Bentonite  | FT3  | 3000    | \$ 16.00     | \$ 48,000.00                  | \$ 7.00      | \$ 21,000.00                  | \$ 40.00     | \$ 120,000.00                 | \$ 12.50     | \$ 37,500.00                  |
| III-8.   | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete  | YD3  | 20      | \$ 1,700.00  | \$ 34,000.00                  | \$ 216.00    | \$ 4,320.00                   | \$ 175.00    | \$ 3,500.00                   | \$ 275.00    | \$ 5,500.00                   |
| III-9.   | Pressure Test Casing - Successfully Complete Pressure Test on Casings, Complete  |      |         |              |                               |              |                               |              |                               |              |                               |
|          | a. Final 16-Inch Casing Prior to Drilling Out Plug   | LS   | 1       | \$ 15,000.00 | \$ 15,000.00                  | \$ 30,000.00 | \$ 30,000.00                  | \$ 20,000.00 | \$ 20,000.00                  | \$ 5,000.00  | \$ 5,000.00                   |
|          | b. Final 9-Inch FRP Tubing using an Inflatable Packer  | LS   | 1       | \$ 15,000.00 | \$ 15,000.00                  | \$ 30,000.00 | \$ 30,000.00                  | \$ 15,000.00 | \$ 15,000.00                  | \$ 5,000.00  | \$ 5,000.00                   |
| III-10.  | Cores - During Pilot Hole or Open Hole Drilling, Provide 10-Foot Length, 4-Inch Diameter Cores at Selected Intervals, Complete               | Feet | 40      | \$ 1,400.00  | \$ 56,000.00                  | \$ 1,000.00  | \$ 40,000.00                  | \$ 750.00    | \$ 30,000.00                  | \$ 1,000.00  | \$ 40,000.00                  |
| III-11.  | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete                           | EA   | 8       | \$ 9,900.00  | \$ 79,200.00                  | \$ 10,000.00 | \$ 80,000.00                  | \$ 10,000.00 | \$ 80,000.00                  | \$ 10,000.00 | \$ 80,000.00                  |
| III-12.  | Packer Test Pumping Time, Complete   | HR   | 130     | \$ 450.00    | \$ 58,500.00                  | \$ 300.00    | \$ 39,000.00                  | \$ 300.00    | \$ 39,000.00                  | \$ 250.00    | \$ 32,500.00                  |
| III-13.  | Pumping Test Setup, Complete   | LS   | 2       | \$ 20,000.00 | \$ 40,000.00                  | \$ 10,000.00 | \$ 20,000.00                  | \$ 20,000.00 | \$ 40,000.00                  | \$ 10,000.00 | \$ 20,000.00                  |
| III-14.  | Pumping Test Pumping Time, Complete  | HR   | 10      | \$ 2,500.00  | \$ 25,000.00                  | \$ 300.00    | \$ 3,000.00                   | \$ 350.00    | \$ 3,500.00                   | \$ 250.00    | \$ 2,500.00                   |
| III-15.  | Development - Develop Well by Air Lifting, Complete  | HR   | 48      | \$ 500.00    | \$ 24,000.00                  | \$ 300.00    | \$ 14,400.00                  | \$ 350.00    | \$ 16,800.00                  | \$ 250.00    | \$ 12,000.00                  |
| III-16.  | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete   | LS   | 1       | \$ 30,760.00 | \$ 30,760.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 3,000.00  | \$ 3,000.00                   | \$ 7,500.00  | \$ 7,500.00                   |
| III-17.  | Standby Time (Max. 12 hr/day)  | HR   | 40      | \$ 250.00    | \$ 10,000.00                  | \$ 50.00     | \$ 2,000.00                   | \$ 200.00    | \$ 8,000.00                   | \$ 10.00     | \$ 400.00                     |
| III-18.  | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete: | HR   | 40      | \$ 350.00    | \$ 14,000.00                  | \$ 100.00    | \$ 4,000.00                   | \$ 300.00    | \$ 12,000.00                  | \$ 75.00     | \$ 3,000.00                   |
| III-19.  | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311:  |      |         |              |                               |              |                               |              |                               |              |                               |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples  | EA   | 52      | \$ 400.00    | \$ 20,800.00                  | \$ 300.00    | \$ 15,600.00                  | \$ 35.00     | \$ 1,820.00                   | \$ 180.00    | \$ 9,360.00                   |
|          | b. Exhibit 1, List A   | EA   | 70      | \$ 500.00    | \$ 35,000.00                  | \$ 500.00    | \$ 35,000.00                  | \$ 50.00     | \$ 3,500.00                   | \$ 745.00    | \$ 52,150.00                  |
|          | c. Exhibit 1, List B   | EA   | 16      | \$ 335.00    | \$ 5,360.00                   | \$ 1,000.00  | \$ 16,000.00                  | \$ 75.00     | \$ 1,200.00                   | \$ 1,500.00  | \$ 24,000.00                  |
|          | d. Exhibit 1, List C   | EA   | 1       | \$ 5,880.00  | \$ 5,880.00                   | \$ 6,000.00  | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00  | \$ 5,000.00                   |
| III-20.  | Acidization Setup - Setup for Acidization, Complete, Including well kills  | LS   | 1       | \$ 15,000.00 | \$ 15,000.00                  | \$ 30,000.00 | \$ 30,000.00                  | \$ 25,000.00 | \$ 25,000.00                  | \$ 12,500.00 | \$ 12,500.00                  |
| III-21.  | Furnish and Emplace Acid, Complete   | GAL  | 10,000  | \$ 4.00      | \$ 40,000.00                  | \$ 3.00      | \$ 30,000.00                  | \$ 7.00      | \$ 70,000.00                  | \$ 2.75      | \$ 27,500.00                  |

|                       |                 |                        |                        |                        |                        |
|-----------------------|-----------------|------------------------|------------------------|------------------------|------------------------|
| <b>TOTAL PART IIA</b> | <b>Actual</b>   | <b>\$ 3,010,850.00</b> | <b>\$ 2,580,339.79</b> | <b>\$ 3,407,320.00</b> | <b>\$ 2,944,910.00</b> |
|                       | submitted price | \$ 3,010,850.00        | \$ 2,580,339.79        | \$ 3,407,320.00        | \$ 2,944,910.00        |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IVA - DZMW-1 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb     |                               | YBI           |                               | Rowe         |                               | FD Drilling  |                               |
|----------|---|-----|---------|--------------|-------------------------------|---------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |   |     |         | Unit Cost    | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
| IV-1.    | Mobilize and Demobilize All Equip. to the DZMW-1 Well Site to complete Drilling (in a 12 Hr/Day, 5 Day/Week Schedule) and Testing Activities for DZMW-1, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 75,000.00 | \$ 75,000.00                  | \$ 105,000.00 | \$ 105,000.00                 | \$ 98,300.00 | \$ 98,300.00                  | \$ 10,000.00 | \$ 10,000.00                  |
| IV-2.    | Set Pit Casing, Complete  | LS  | 1       | \$ 50,000.00 | \$ 50,000.00                  | \$ 99,720.00  | \$ 99,720.00                  | \$ 40,000.00 | \$ 40,000.00                  | \$ 20,000.00 | \$ 20,000.00                  |
| IV-3.    | Drill Pilot Hole - Drill Nominal 8 to 12-¼ -Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:   |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 150.00     | \$ 52,500.00                  | \$ 75.00     | \$ 26,250.00                  | \$ 120.00    | \$ 42,000.00                  |
|          | b. 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 70.00     | \$ 87,500.00                  | \$ 150.00     | \$ 187,500.00                 | \$ 75.00     | \$ 93,750.00                  | \$ 100.00    | \$ 125,000.00                 |
| IV-4.    | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. 23-inch Diameter to 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 200.00    | \$ 70,000.00                  | \$ 160.00    | \$ 56,000.00                  |
|          | b. 15-inch Diameter to 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 55.00     | \$ 68,750.00                  | \$ 80.00      | \$ 100,000.00                 | \$ 150.00    | \$ 187,500.00                 | \$ 110.00    | \$ 137,500.00                 |
| IV-5.    | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 2,000.00  | \$ 2,000.00                   |
|          | c. Pilot Hole to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 6,000.00  | \$ 6,000.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | e. Completed Well to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 12,000.00  | \$ 12,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | f. Cement Bond Log on Final FRP Casing  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 12,000.00  | \$ 12,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 4,000.00  | \$ 4,000.00                   |
| IV-6.    | Furnish and Install Casing:   |     |         | \$ -         | \$ -                          |               | \$ -                          |              | \$ -                          | \$ -         | \$ -                          |
|          | a. 16-inch Dia. Carbon Steel to 350 feet  | FT  | 350     | \$ 120.00    | \$ 42,000.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 135.00    | \$ 47,250.00                  | \$ 145.00    | \$ 50,750.00                  |
|          | b. 6-inch Dia. FRP to 1,500 feet  | FT  | 1150    | \$ 55.00     | \$ 63,250.00                  | \$ 80.00      | \$ 92,000.00                  | \$ 130.00    | \$ 149,500.00                 | \$ 110.00    | \$ 126,500.00                 |
| IV-7.    | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. 0% Bentonite (Neat)  | FT3 | 1500    | \$ 18.00     | \$ 27,000.00                  | \$ 10.00      | \$ 15,000.00                  | \$ 28.00     | \$ 42,000.00                  | \$ 15.00     | \$ 22,500.00                  |
|          | b. Up to 6% Bentonite   | FT3 | 900     | \$ 17.00     | \$ 15,300.00                  | \$ 8.00       | \$ 7,200.00                   | \$ 35.00     | \$ 31,500.00                  | \$ 15.00     | \$ 13,500.00                  |
|          | c. Up to 8% Bentonite   | FT3 | 600     | \$ 16.00     | \$ 9,600.00                   | \$ 7.00       | \$ 4,200.00                   | \$ 40.00     | \$ 24,000.00                  | \$ 12.50     | \$ 7,500.00                   |
| IV-8.    | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete   | YD3 | 5       | \$ 1,200.00  | \$ 6,000.00                   | \$ 216.00     | \$ 1,080.00                   | \$ 175.00    | \$ 875.00                     | \$ 250.00    | \$ 1,250.00                   |
| IV-9.    | Development - Develop Well by Air Lifting, Complete   | HR  | 24      | \$ 350.00    | \$ 8,400.00                   | \$ 300.00     | \$ 7,200.00                   | \$ 350.00    | \$ 8,400.00                   | \$ 250.00    | \$ 6,000.00                   |
| IV-10.   | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete  | LS  | 1       | \$ 9,000.00  | \$ 9,000.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00  | \$ 8,500.00                   | \$ 7,500.00  | \$ 7,500.00                   |
| IV-11.   | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete  | EA  | 2       | \$ 9,900.00  | \$ 19,800.00                  | \$ 10,000.00  | \$ 20,000.00                  | \$ 18,000.00 | \$ 36,000.00                  | \$ 10,000.00 | \$ 20,000.00                  |
| IV-12.   | Packer Test Pumping Time, Complete  | HR  | 32      | \$ 350.00    | \$ 11,200.00                  | \$ 300.00     | \$ 9,600.00                   | \$ 300.00    | \$ 9,600.00                   | \$ 250.00    | \$ 8,000.00                   |



Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
 Solicitation No.: **#17-0395DC**  
 Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IVA - DZMW-1 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb    |                               | YBI         |                               | Rowe         |                               | FD Drilling |                               |
|----------|---|-----|---------|-------------|-------------------------------|-------------|-------------------------------|--------------|-------------------------------|-------------|-------------------------------|
|          |   |     |         | Unit Cost   | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item |
| IV-13.   | Standby Time (Max. 12 hr/day)   | HR  | 20      | \$ 150.00   | \$ 3,000.00                   | \$ 50.00    | \$ 1,000.00                   | \$ 200.00    | \$ 4,000.00                   | \$ 10.00    | \$ 200.00                     |
| IV-14.   | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete | HR  | 20      | \$ 250.00   | \$ 5,000.00                   | \$ 100.00   | \$ 2,000.00                   | \$ 300.00    | \$ 6,000.00                   | \$ 75.00    | \$ 1,500.00                   |
| IV-15.   | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |     |         |             | \$ -                          |             | \$ -                          |              | \$ -                          |             | \$ -                          |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples   | EA  | 22      | \$ 750.00   | \$ 16,500.00                  | \$ 300.00   | \$ 6,600.00                   | \$ 35.00     | \$ 770.00                     | \$ 180.00   | \$ 3,960.00                   |
|          | b. Exhibit 1, List A  | EA  | 28      | \$ 449.00   | \$ 12,572.00                  | \$ 300.00   | \$ 8,400.00                   | \$ 50.00     | \$ 1,400.00                   | \$ 745.00   | \$ 20,860.00                  |
|          | c. Exhibit 1, List C  | EA  | 1       | \$ 5,880.00 | \$ 5,880.00                   | \$ 6,000.00 | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00 | \$ 5,000.00                   |

|  |  |                       |                 |                      |  |                      |  |                      |  |                      |
|--|--|-----------------------|-----------------|----------------------|--|----------------------|--|----------------------|--|----------------------|
|  |  | <b>TOTAL PART IIA</b> | <b>Actual</b>   | <b>\$ 645,052.00</b> |  | <b>\$ 875,000.00</b> |  | <b>\$ 943,095.00</b> |  | <b>\$ 706,520.00</b> |
|  |  |                       | submitted price | \$ 645,052.00        |  | \$ 875,000.00        |  | \$ 943,095.00        |  | \$ 706,520.00        |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART VA - DZMW-2 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb     |                               | YBI           |                               | Rowe         |                               | FD Drilling  |                               |
|----------|---|-----|---------|--------------|-------------------------------|---------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |   |     |         | Unit Cost    | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
| IV-1.    | Mobilize and Demobilize All Equip. to the DZMW-1 Well Site to complete Drilling (in a 12 Hr/Day, 5 Day/Week Schedule) and Testing Activities for DZMW-1, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 75,000.00 | \$ 75,000.00                  | \$ 105,000.00 | \$ 105,000.00                 | \$ 98,300.00 | \$ 98,300.00                  | \$ 10,000.00 | \$ 10,000.00                  |
| IV-2.    | Set Pit Casing, Complete  | LS  | 1       | \$ 50,000.00 | \$ 50,000.00                  | \$ 99,720.00  | \$ 99,720.00                  | \$ 40,000.00 | \$ 40,000.00                  | \$ 20,000.00 | \$ 20,000.00                  |
| IV-3.    | Drill Pilot Hole - Drill Nominal 8 to 12-¼ -Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:   |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 150.00     | \$ 52,500.00                  | \$ 75.00     | \$ 26,250.00                  | \$ 120.00    | \$ 42,000.00                  |
|          | b. 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 70.00     | \$ 87,500.00                  | \$ 150.00     | \$ 187,500.00                 | \$ 75.00     | \$ 93,750.00                  | \$ 100.00    | \$ 125,000.00                 |
| IV-4.    | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. 23-inch Diameter to 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 200.00    | \$ 70,000.00                  | \$ 160.00    | \$ 56,000.00                  |
|          | b. 15-inch Diameter to 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 55.00     | \$ 68,750.00                  | \$ 80.00      | \$ 100,000.00                 | \$ 150.00    | \$ 187,500.00                 | \$ 110.00    | \$ 137,500.00                 |
| IV-5.    | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 2,000.00  | \$ 2,000.00                   |
|          | c. Pilot Hole to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 6,000.00  | \$ 6,000.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | e. Completed Well to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 12,000.00  | \$ 12,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | f. Cement Bond Log on Final FRP Casing  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 12,000.00  | \$ 12,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 4,000.00  | \$ 4,000.00                   |
| IV-6.    | Furnish and Install Casing:   |     |         | \$ -         | \$ -                          |               | \$ -                          |              | \$ -                          | \$ -         | \$ -                          |
|          | a. 16-inch Dia. Carbon Steel to 350 feet  | FT  | 350     | \$ 120.00    | \$ 42,000.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 135.00    | \$ 47,250.00                  | \$ 145.00    | \$ 50,750.00                  |
|          | b. 6-inch Dia. FRP to 1,500 feet  | FT  | 1150    | \$ 55.00     | \$ 63,250.00                  | \$ 80.00      | \$ 92,000.00                  | \$ 130.00    | \$ 149,500.00                 | \$ 110.00    | \$ 126,500.00                 |
| IV-7.    | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. 0% Bentonite (Neat)  | FT3 | 1500    | \$ 18.00     | \$ 27,000.00                  | \$ 10.00      | \$ 15,000.00                  | \$ 28.00     | \$ 42,000.00                  | \$ 15.00     | \$ 22,500.00                  |
|          | b. Up to 6% Bentonite   | FT3 | 900     | \$ 17.00     | \$ 15,300.00                  | \$ 8.00       | \$ 7,200.00                   | \$ 35.00     | \$ 31,500.00                  | \$ 15.00     | \$ 13,500.00                  |
|          | c. Up to 8% Bentonite   | FT3 | 600     | \$ 16.00     | \$ 9,600.00                   | \$ 7.00       | \$ 4,200.00                   | \$ 40.00     | \$ 24,000.00                  | \$ 12.50     | \$ 7,500.00                   |
| IV-8.    | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete   | YD3 | 5       | \$ 1,200.00  | \$ 6,000.00                   | \$ 216.00     | \$ 1,080.00                   | \$ 175.00    | \$ 875.00                     | \$ 250.00    | \$ 1,250.00                   |
| IV-9.    | Development - Develop Well by Air Lifting, Complete   | HR  | 24      | \$ 350.00    | \$ 8,400.00                   | \$ 300.00     | \$ 7,200.00                   | \$ 350.00    | \$ 8,400.00                   | \$ 250.00    | \$ 6,000.00                   |
| IV-10.   | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete  | LS  | 1       | \$ 9,000.00  | \$ 9,000.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00  | \$ 8,500.00                   | \$ 3,500.00  | \$ 3,500.00                   |
| IV-11.   | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete  | EA  | 2       | \$ 9,900.00  | \$ 19,800.00                  | \$ 10,000.00  | \$ 20,000.00                  | \$ 18,000.00 | \$ 36,000.00                  | \$ 10,000.00 | \$ 20,000.00                  |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
 Solicitation No.: **#17-0395DC**  
 Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART VA - DZMW-2 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb    |                               | YBI         |                               | Rowe         |                               | FD Drilling |                               |
|----------|---|-----|---------|-------------|-------------------------------|-------------|-------------------------------|--------------|-------------------------------|-------------|-------------------------------|
|          |   |     |         | Unit Cost   | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item |
| IV-12.   | Packer Test Pumping Time, Complete  | HR  | 32      | \$ 350.00   | \$ 11,200.00                  | \$ 300.00   | \$ 9,600.00                   | \$ 300.00    | \$ 9,600.00                   | \$ 250.00   | \$ 8,000.00                   |
| IV-13.   | Standby Time (Max. 12 hr/day)   | HR  | 20      | \$ 150.00   | \$ 3,000.00                   | \$ 50.00    | \$ 1,000.00                   | \$ 200.00    | \$ 4,000.00                   | \$ 10.00    | \$ 200.00                     |
| IV-14.   | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete | HR  | 20      | \$ 250.00   | \$ 5,000.00                   | \$ 100.00   | \$ 2,000.00                   | \$ 300.00    | \$ 6,000.00                   | \$ 75.00    | \$ 1,500.00                   |
| IV-15.   | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |     |         |             | \$ -                          |             | \$ -                          |              | \$ -                          |             | \$ -                          |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples   | EA  | 22      | \$ 750.00   | \$ 16,500.00                  | \$ 300.00   | \$ 6,600.00                   | \$ 35.00     | \$ 770.00                     | \$ 180.00   | \$ 3,960.00                   |
|          | b. Exhibit 1, List A  | EA  | 28      | \$ 449.00   | \$ 12,572.00                  | \$ 300.00   | \$ 8,400.00                   | \$ 50.00     | \$ 1,400.00                   | \$ 745.00   | \$ 20,860.00                  |
|          | c. Exhibit 1, List C  | EA  | 1       | \$ 5,880.00 | \$ 5,880.00                   | \$ 6,000.00 | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00 | \$ 5,000.00                   |

|                       |                 |                      |                      |                      |                      |
|-----------------------|-----------------|----------------------|----------------------|----------------------|----------------------|
| <b>TOTAL PART IIA</b> | <b>Actual</b>   | <b>\$ 645,052.00</b> | <b>\$ 875,000.00</b> | <b>\$ 943,095.00</b> | <b>\$ 702,520.00</b> |
|                       | submitted price | \$ 645,052.00        | \$ 875,000.00        | \$ 943,095.00        | \$ 702,520.00        |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART VIA - DZMW-3 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb     |                               | YBI           |                               | Rowe         |                               | FD Drilling  |                               |
|----------|---|-----|---------|--------------|-------------------------------|---------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |   |     |         | Unit Cost    | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
| VI-1.    | Mobilize and Demobilize All Equip. to the DZMW-3 Well Site to complete Drilling (in a 12 Hr/Day, 5 Day/Week Schedule) and Testing Activities for DZMW-3, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 75,000.00 | \$ 75,000.00                  | \$ 105,000.00 | \$ 105,000.00                 | \$ 98,300.00 | \$ 98,300.00                  | \$ 10,000.00 | \$ 10,000.00                  |
| VI-2.    | Set Pit Casing, Complete  | LS  | 1       | \$ 50,000.00 | \$ 50,000.00                  | \$ 99,720.00  | \$ 99,720.00                  | \$ 40,000.00 | \$ 40,000.00                  | \$ 20,000.00 | \$ 20,000.00                  |
| VI-3.    | Drill Pilot Hole - Drill Nominal 8 to 12-¼ -Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:   |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 150.00     | \$ 52,500.00                  | \$ 75.00     | \$ 26,250.00                  | \$ 120.00    | \$ 42,000.00                  |
|          | b. 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 70.00     | \$ 87,500.00                  | \$ 150.00     | \$ 187,500.00                 | \$ 75.00     | \$ 93,750.00                  | \$ 100.00    | \$ 125,000.00                 |
| VI-4.    | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. 23-inch Diameter to 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 200.00    | \$ 70,000.00                  | \$ 160.00    | \$ 56,000.00                  |
|          | b. 15-inch Diameter to 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 55.00     | \$ 68,750.00                  | \$ 80.00      | \$ 100,000.00                 | \$ 150.00    | \$ 187,500.00                 | \$ 110.00    | \$ 137,500.00                 |
| VI-5.    | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 2,000.00  | \$ 2,000.00                   |
|          | c. Pilot Hole to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 6,000.00  | \$ 6,000.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | e. Completed Well to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 12,000.00  | \$ 12,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | f. Cement Bond Log on Final FRP Casing  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 12,000.00  | \$ 12,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 4,000.00  | \$ 4,000.00                   |
| VI-6.    | Furnish and Install Casing:   |     |         | \$ -         | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. 16-inch Dia. Carbon Steel to 350 feet  | FT  | 350     | \$ 120.00    | \$ 42,000.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 135.00    | \$ 47,250.00                  | \$ 145.00    | \$ 50,750.00                  |
|          | b. 6-inch Dia. FRP to 1,500 feet  | FT  | 1150    | \$ 55.00     | \$ 63,250.00                  | \$ 80.00      | \$ 92,000.00                  | \$ 130.00    | \$ 149,500.00                 | \$ 110.00    | \$ 126,500.00                 |
| VI-7.    | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |              | \$ -                          |               | \$ -                          |              | \$ -                          |              | \$ -                          |
|          | a. 0% Bentonite (Neat)  | FT3 | 1500    | \$ 18.00     | \$ 27,000.00                  | \$ 10.00      | \$ 15,000.00                  | \$ 28.00     | \$ 42,000.00                  | \$ 15.00     | \$ 22,500.00                  |
|          | b. Up to 6% Bentonite   | FT3 | 900     | \$ 17.00     | \$ 15,300.00                  | \$ 8.00       | \$ 7,200.00                   | \$ 35.00     | \$ 31,500.00                  | \$ 15.00     | \$ 13,500.00                  |
|          | c. Up to 8% Bentonite   | FT3 | 600     | \$ 16.00     | \$ 9,600.00                   | \$ 7.00       | \$ 4,200.00                   | \$ 40.00     | \$ 24,000.00                  | \$ 12.50     | \$ 7,500.00                   |
| VI-8.    | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete   | YD3 | 5       | \$ 1,200.00  | \$ 6,000.00                   | \$ 216.00     | \$ 1,080.00                   | \$ 175.00    | \$ 875.00                     | \$ 250.00    | \$ 1,250.00                   |
| VI-9.    | Development - Develop Well by Air Lifting, Complete   | HR  | 24      | \$ 350.00    | \$ 8,400.00                   | \$ 300.00     | \$ 7,200.00                   | \$ 350.00    | \$ 8,400.00                   | \$ 250.00    | \$ 6,000.00                   |
| VI-10.   | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete  | LS  | 1       | \$ 9,000.00  | \$ 9,000.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00  | \$ 8,500.00                   | \$ 3,500.00  | \$ 3,500.00                   |
| VI-11.   | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete  | EA  | 2       | \$ 9,900.00  | \$ 19,800.00                  | \$ 10,000.00  | \$ 20,000.00                  | \$ 18,000.00 | \$ 36,000.00                  | \$ 10,000.00 | \$ 20,000.00                  |
| VI-12.   | Packer Test Pumping Time, Complete  | HR  | 32      | \$ 350.00    | \$ 11,200.00                  | \$ 300.00     | \$ 9,600.00                   | \$ 300.00    | \$ 9,600.00                   | \$ 250.00    | \$ 8,000.00                   |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
 Solicitation No.: **#17-0395DC**  
 Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART VIA - DZMW-3 (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb    |                               | YBI         |                               | Rowe         |                               | FD Drilling |                               |
|----------|---|-----|---------|-------------|-------------------------------|-------------|-------------------------------|--------------|-------------------------------|-------------|-------------------------------|
|          |   |     |         | Unit Cost   | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item |
| VI-13.   | Standby Time (Max. 12 hr/day)   | HR  | 20      | \$ 150.00   | \$ 3,000.00                   | \$ 50.00    | \$ 1,000.00                   | \$ 200.00    | \$ 4,000.00                   | \$ 10.00    | \$ 200.00                     |
| VI-14.   | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete | HR  | 20      | \$ 250.00   | \$ 5,000.00                   | \$ 100.00   | \$ 2,000.00                   | \$ 300.00    | \$ 6,000.00                   | \$ 75.00    | \$ 1,500.00                   |
| VI-15.   | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |     |         |             | \$ -                          |             | \$ -                          |              | \$ -                          |             | \$ -                          |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples   | EA  | 22      | \$ 750.00   | \$ 16,500.00                  | \$ 300.00   | \$ 6,600.00                   | \$ 35.00     | \$ 770.00                     | \$ 180.00   | \$ 3,960.00                   |
|          | b. Exhibit 1, List A  | EA  | 28      | \$ 449.00   | \$ 12,572.00                  | \$ 300.00   | \$ 8,400.00                   | \$ 50.00     | \$ 1,400.00                   | \$ 745.00   | \$ 20,860.00                  |
|          | c. Exhibit 1, List C  | EA  | 1       | \$ 5,880.00 | \$ 5,880.00                   | \$ 6,000.00 | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00 | \$ 5,000.00                   |

|                       |  |                 |                      |                      |                      |                      |
|-----------------------|--|-----------------|----------------------|----------------------|----------------------|----------------------|
| <b>TOTAL PART IIA</b> |  | <b>Actual</b>   | <b>\$ 645,052.00</b> | <b>\$ 875,000.00</b> | <b>\$ 943,095.00</b> | <b>\$ 702,520.00</b> |
|                       |  | submitted price | \$ 645,052.00        | \$ 875,000.00        | \$ 943,095.00        | \$ 702,520.00        |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART VIIA - Avon Park Monitor Well Conversion (1,260 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb     |                               | YBI           |                               | Rowe         |                               | FD Drilling  |                               |
|----------|---|-----|---------|--------------|-------------------------------|---------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |   |     |         | UNIT COST    | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
| VII-1.   | Mobilize and Demobilize All Equip. to the Existing Avon Park Test Well Site to Complete Construction and Testing as required, including 200-ft gravel access road, Complete | LS  | 1       | \$ 18,000.00 | \$ 18,000.00                  | \$ 121,000.00 | \$ 121,000.00                 | \$ 90,000.00 | \$ 90,000.00                  | \$ 60,000.00 | \$ 60,000.00                  |
| VII-2.   | Drill Out Open Hole (if needed) to Depth of:  |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 8-inch Diameter up to 1,100 feet (Reverse-air)   | FT  | 100     | \$ 110.00    | \$ 11,000.00                  | \$ 150.00     | \$ 15,000.00                  | \$ 75.00     | \$ 7,500.00                   | \$ 150.00    | \$ 15,000.00                  |
| VII-3.   | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:                            |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. Existing Well to 1,050 feet  | EA  | 1       | \$ 19,000.00 | \$ 19,000.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 6,500.00  | \$ 6,500.00                   |
|          | b. Converted Well to 1,100 feet (if needed)   | EA  | 1       | \$ 13,625.00 | \$ 13,625.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 8,000.00  | \$ 8,000.00                   |
| VII-4.   | Furnish and Install Liner Casing (if needed):   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 4-inch Dia. Carbon Steel   | FT  | 900     | \$ 50.00     | \$ 45,000.00                  | \$ 20.00      | \$ 18,000.00                  | \$ 50.00     | \$ 45,000.00                  | \$ 100.00    | \$ 90,000.00                  |
| VII-5.   | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface Using ASTM Type II Cement with up to:  |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 0% Bentonite (Neat)  | FT3 | 200     | \$ 20.00     | \$ 4,000.00                   | \$ 10.00      | \$ 2,000.00                   | \$ 28.00     | \$ 5,600.00                   | \$ 15.00     | \$ 3,000.00                   |
|          | b. Up to 6% Bentonite   | FT3 | 80      | \$ 19.00     | \$ 1,520.00                   | \$ 8.00       | \$ 640.00                     | \$ 35.00     | \$ 2,800.00                   | \$ 15.00     | \$ 1,200.00                   |
| VII-6.   | Development - Develop Well by Air Lifting, Complete   | HR  | 24      | \$ 380.00    | \$ 9,120.00                   | \$ 200.00     | \$ 4,800.00                   | \$ 350.00    | \$ 8,400.00                   | \$ 250.00    | \$ 6,000.00                   |
| VII-7.   | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete  | LS  | 1       | \$ 9,000.00  | \$ 9,000.00                   | \$ 10,260.00  | \$ 10,260.00                  | \$ 8,500.00  | \$ 8,500.00                   | \$ 3,500.00  | \$ 3,500.00                   |
| VII-8.   | Standby Time (Max. 12 hr/day)   | HR  | 20      | \$ 340.00    | \$ 6,800.00                   | \$ 50.00      | \$ 1,000.00                   | \$ 200.00    | \$ 4,000.00                   | \$ 50.00     | \$ 1,000.00                   |
| VII-9.   | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete                                 | HR  | 20      | \$ 450.00    | \$ 9,000.00                   | \$ 100.00     | \$ 2,000.00                   | \$ 300.00    | \$ 6,000.00                   | \$ 250.00    | \$ 5,000.00                   |
| VII-10.  | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. Exhibit 1, List A  | EA  | 1       | \$ 500.00    | \$ 500.00                     | \$ 300.00     | \$ 300.00                     | \$ 1,000.00  | \$ 1,000.00                   | \$ 745.00    | \$ 745.00                     |
|          | b. Exhibit 1, List C  | EA  | 1       | \$ 5,880.00  | \$ 5,880.00                   | \$ 6,000.00   | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00  | \$ 5,000.00                   |

|                       |                 |                      |                      |                      |                      |
|-----------------------|-----------------|----------------------|----------------------|----------------------|----------------------|
| <b>TOTAL PART IIA</b> | <b>Actual</b>   | <b>\$ 152,445.00</b> | <b>\$ 211,000.00</b> | <b>\$ 208,800.00</b> | <b>\$ 204,945.00</b> |
|                       | submitted price | \$ 152,445.00        | \$ 211,000.00        | \$ 208,800.00        | \$ 204,945.00        |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**

Solicitation No.: **#17-0395DC**

Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IB - IW-1 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb      |                               | YBI           |                               | Rowe          |                               | FD Drilling   |                               |
|----------|---|-----|---------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|
|          |   |     |         | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item |
| I-1.     | Mobilize and Demobilize All Equip. to the IW-1 Well Site to Complete Drilling (in a 12 Hr/Day, 5 Day/Week Schedule) and Testing Activities for IW-1, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 294,000.00 | \$ 294,000.00                 | \$ 284,000.00 | \$ 284,000.00                 | \$ 280,000.00 | \$ 280,000.00                 | \$ 125,000.00 | \$ 125,000.00                 |
| I-2.     | Set Pit Casing, Complete  | LS  | 1       | \$ 250,000.00 | \$ 250,000.00                 | \$ 117,000.00 | \$ 117,000.00                 | \$ 70,000.00  | \$ 70,000.00                  | \$ 100,000.00 | \$ 100,000.00                 |
| I-3.     | Drill Pilot Hole - Drill Nominal 8 to 12-¼ -Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 80.00      | \$ 28,000.00                  | \$ 120.00     | \$ 42,000.00                  | \$ 75.00      | \$ 26,250.00                  | \$ 170.00     | \$ 59,500.00                  |
|          | b. 1,800 feet bls (Reverse-air)   | FT  | 1,450   | \$ 75.00      | \$ 108,750.00                 | \$ 120.00     | \$ 174,000.00                 | \$ 75.00      | \$ 108,750.00                 | \$ 140.00     | \$ 203,000.00                 |
|          | c. 12-inch Diameter up to 3,500 feet bls (Reverse-air)  | FT  | 1,900   | \$ 70.00      | \$ 133,000.00                 | \$ 100.00     | \$ 190,000.00                 | \$ 75.00      | \$ 142,500.00                 | \$ 115.00     | \$ 218,500.00                 |
| I-4.     | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 41-inch Diameter to 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 102.00     | \$ 35,700.00                  | \$ 160.00     | \$ 56,000.00                  | \$ 300.00     | \$ 105,000.00                 | \$ 270.00     | \$ 94,500.00                  |
|          | b. 31-inch Diameter to 1,600 feet bls (Reverse-air)   | FT  | 1,250   | \$ 115.00     | \$ 143,750.00                 | \$ 140.00     | \$ 175,000.00                 | \$ 225.00     | \$ 281,250.00                 | \$ 240.00     | \$ 300,000.00                 |
|          | c. 23-inch Diameter up to 2,000 feet bls (Reverse-air)  | FT  | 400     | \$ 115.00     | \$ 46,000.00                  | \$ 120.00     | \$ 48,000.00                  | \$ 175.00     | \$ 70,000.00                  | \$ 205.00     | \$ 82,000.00                  |
|          | d. Re-establish 12-inch Diameter open hole up to 3,500 feet bls (Reverse-air)   | FT  | 1,500   | \$ 30.00      | \$ 45,000.00                  | \$ 100.00     | \$ 150,000.00                 | \$ 100.00     | \$ 150,000.00                 | \$ 100.00     | \$ 150,000.00                 |
| I-5.     | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 4,000.00   | \$ 4,000.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 2,250.00   | \$ 2,250.00                   |
|          | c. Pilot Hole to 1,800 feet   | EA  | 1       | \$ 19,777.00  | \$ 19,777.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 7,000.00   | \$ 7,000.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 9,500.00   | \$ 9,500.00                   | \$ 15,000.00  | \$ 15,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 3,250.00   | \$ 3,250.00                   |
|          | e. Pilot hole up to 3,500 feet  | EA  | 1       | \$ 26,369.00  | \$ 26,369.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 9,000.00   | \$ 9,000.00                   |
|          | d. Reamed Hole to 2,000 feet  | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 3,500.00   | \$ 3,500.00                   |
|          | f. Completed Well up to 3,500 feet  | EA  | 1       | \$ 65,923.00  | \$ 65,923.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,000.00   | \$ 8,000.00                   |
|          | g. Temperature Log Following Each Cement Stage  | EA  | 5       | \$ 3,665.00   | \$ 18,325.00                  | \$ 1,000.00   | \$ 5,000.00                   | \$ 2,500.00   | \$ 12,500.00                  | \$ 1,500.00   | \$ 7,500.00                   |
|          | h. Cement Bond Log on Final Casing  | EA  | 1       | \$ 18,326.00  | \$ 18,326.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 18,500.00  | \$ 18,500.00                  | \$ 6,000.00   | \$ 6,000.00                   |
| I-6.     | Furnish and Install Casing:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 32-inch Dia. Carbon Steel  | FT  | 350     | \$ 159.00     | \$ 55,650.00                  | \$ 150.00     | \$ 52,500.00                  | \$ 200.00     | \$ 70,000.00                  | \$ 205.00     | \$ 71,750.00                  |
|          | b. 24-inch Dia. Carbon Steel  | FT  | 1600    | \$ 110.00     | \$ 176,000.00                 | \$ 100.00     | \$ 160,000.00                 | \$ 125.00     | \$ 200,000.00                 | \$ 165.00     | \$ 264,000.00                 |
|          | c. 12-inch Dia. Carbon Steel  | FT  | 2000    | \$ 84.00      | \$ 168,000.00                 | \$ 120.00     | \$ 240,000.00                 | \$ 100.00     | \$ 200,000.00                 | \$ 150.00     | \$ 300,000.00                 |
| I-7.     | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 0% Bentonite (Neat)  | FT3 | 6000    | \$ 18.00      | \$ 108,000.00                 | \$ 10.00      | \$ 60,000.00                  | \$ 28.00      | \$ 168,000.00                 | \$ 15.00      | \$ 90,000.00                  |
|          | b. Up to 6% Bentonite   | FT3 | 3600    | \$ 17.00      | \$ 61,200.00                  | \$ 8.00       | \$ 28,800.00                  | \$ 35.00      | \$ 126,000.00                 | \$ 15.00      | \$ 54,000.00                  |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**

Solicitation No.: **#17-0395DC**

Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IB - IW-1 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M  | EST QTY | All Webb     |                               | YBI          |                               | Rowe         |                               | FD Drilling   |                               |
|----------|---|------|---------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|---------------|-------------------------------|
|          |   |      |         | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item |
|          | c. Up to 8% Bentonite   | FT3  | 2400    | \$ 16.00     | \$ 38,400.00                  | \$ 7.00      | \$ 16,800.00                  | \$ 40.00     | \$ 96,000.00                  | \$ 12.50      | \$ 30,000.00                  |
| I-8.     | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete   | YD3  | 20      | \$ 1,700.00  | \$ 34,000.00                  | \$ 216.00    | \$ 4,320.00                   | \$ 175.00    | \$ 3,500.00                   | \$ 275.00     | \$ 5,500.00                   |
| I-9.     | Pressure Test Casing - Successfully Complete Pressure Test on Final 24-Inch Casing Prior to Drilling Out Plug, Complete                     | LS   | 1       | \$ 20,000.00 | \$ 20,000.00                  | \$ 30,000.00 | \$ 30,000.00                  | \$ 15,000.00 | \$ 15,000.00                  | \$ 5,000.00   | \$ 5,000.00                   |
| I-10.    | Cores - During Pilot Hole or Open Hole Drilling, Provide 10-Foot Length, 4-Inch Diameter Cores at Selected Intervals, Complete              | Feet | 40      | \$ 1,402.00  | \$ 56,080.00                  | \$ 1,000.00  | \$ 40,000.00                  | \$ 750.00    | \$ 30,000.00                  | \$ 1,000.00   | \$ 40,000.00                  |
| I-11.    | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete                          | EA   | 6       | \$ 9,953.00  | \$ 59,718.00                  | \$ 10,000.00 | \$ 60,000.00                  | \$ 10,000.00 | \$ 60,000.00                  | \$ 10,000.00  | \$ 60,000.00                  |
| I-12.    | Packer Test Pumping Time, Complete  | HR   | 100     | \$ 448.00    | \$ 44,800.00                  | \$ 300.00    | \$ 30,000.00                  | \$ 300.00    | \$ 30,000.00                  | \$ 250.00     | \$ 25,000.00                  |
| I-13.    | Pumping Test Setup, Complete  | LS   | 2       | \$ 20,000.00 | \$ 40,000.00                  | \$ 10,000.00 | \$ 20,000.00                  | \$ 20,000.00 | \$ 40,000.00                  | \$ 10,000.00  | \$ 20,000.00                  |
| I-14.    | Pumping Test Pumping Time, Complete   | HR   | 10      | \$ 2,488.00  | \$ 24,880.00                  | \$ 300.00    | \$ 3,000.00                   | \$ 350.00    | \$ 3,500.00                   | \$ 250.00     | \$ 2,500.00                   |
| I-15.    | Development - Develop Well, Complete  | HR   | 48      | \$ 519.00    | \$ 24,912.00                  | \$ 300.00    | \$ 14,400.00                  | \$ 350.00    | \$ 16,800.00                  | \$ 250.00     | \$ 12,000.00                  |
| I-16.    | Temporary Wellhead  |      |         |              |                               |              |                               |              |                               |               |                               |
|          | a. Install Wellhead in accordance with the Drawings, Complete   | LS   | 1       | \$ 75,000.00 | \$ 75,000.00                  | \$ 50,000.00 | \$ 50,000.00                  | \$ 95,000.00 | \$ 95,000.00                  | \$ 10,000.00  | \$ 10,000.00                  |
|          | b. Temporary HDPE piping to reclaimed line as shown in Drawings (IW-1 only)   | FT   | 300     | \$ 173.00    | \$ 51,900.00                  | \$ 100.00    | \$ 30,000.00                  | \$ 75.00     | \$ 22,500.00                  | \$ 10.00      | \$ 3,000.00                   |
|          | c. Hot Tap Reclaimed line, Install Above Ground Appurtenances, and connect with DIP piping as shown in drawings (IW-1 only)                 | LS   | 1       | \$ 88,000.00 | \$ 88,000.00                  | \$ 40,000.00 | \$ 40,000.00                  | \$ 85,000.00 | \$ 85,000.00                  | \$ 145,000.00 | \$ 145,000.00                 |
| I-17.    | Standby Time (Max. 12 hr/day)   | HR   | 40      | \$ 200.00    | \$ 8,000.00                   | \$ 50.00     | \$ 2,000.00                   | \$ 200.00    | \$ 8,000.00                   | \$ 10.00      | \$ 400.00                     |
| I-18.    | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete | HR   | 40      | \$ 250.00    | \$ 10,000.00                  | \$ 100.00    | \$ 4,000.00                   | \$ 300.00    | \$ 12,000.00                  | \$ 75.00      | \$ 3,000.00                   |
| I-19.    | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |      |         |              |                               |              |                               |              |                               |               |                               |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples   | EA   | 35      | \$ 750.00    | \$ 26,250.00                  | \$ 300.00    | \$ 10,500.00                  | \$ 35.00     | \$ 1,225.00                   | \$ 180.00     | \$ 6,300.00                   |
|          | b. Exhibit 1, List A  | EA   | 70      | \$ 450.00    | \$ 31,500.00                  | \$ 500.00    | \$ 35,000.00                  | \$ 50.00     | \$ 3,500.00                   | \$ 745.00     | \$ 52,150.00                  |
|          | c. Exhibit 1, List B  | EA   | 12      | \$ 336.00    | \$ 4,032.00                   | \$ 1,000.00  | \$ 12,000.00                  | \$ 75.00     | \$ 900.00                     | \$ 1,500.00   | \$ 18,000.00                  |
|          | d. Exhibit 1, List C  | EA   | 1       | \$ 5,880.00  | \$ 5,880.00                   | \$ 6,000.00  | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00   | \$ 5,000.00                   |
| I-20.    | Acidization Setup - Setup for Acidization, Complete, Including well kills   | LS   | 1       | \$ 30,000.00 | \$ 30,000.00                  | \$ 40,000.00 | \$ 40,000.00                  | \$ 25,000.00 | \$ 25,000.00                  | \$ 12,500.00  | \$ 12,500.00                  |
| I-21.    | Furnish and Emplace Acid, Complete  | GAL  | 10,000  | \$ 4.00      | \$ 40,000.00                  | \$ 3.00      | \$ 30,000.00                  | \$ 7.00      | \$ 70,000.00                  | \$ 2.75       | \$ 27,500.00                  |

**TOTAL PART IB**

**\$ 2,542,949.00**

**\$ 2,385,320.00**

**\$ 2,717,675.00**

**\$ 2,645,600.00**

submitted price \$ 2,542,949.00

\$ 2,385,320.00

\$ 2,717,675.00

\$ 2,645,600.00



Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IIB - IW-2 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb      |                               | YBI           |                               | Rowe          |                               | FD Drilling   |                               |
|----------|---|-----|---------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|
|          |   |     |         | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item |
| II-1.    | Mobilize and Demobilize All Equip. to the IW-2 Well Site to Complete Drilling (in a 12 Hr/Day, 5 Day/Week Schedule) and Testing Activities for IW-2, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 288,000.00 | \$ 288,000.00                 | \$ 261,000.00 | \$ 261,000.00                 | \$ 268,000.00 | \$ 268,000.00                 | \$ 35,000.00  | \$ 35,000.00                  |
| II-2.    | Set Pit Casing, Complete  | LS  | 1       | \$ 250,000.00 | \$ 250,000.00                 | \$ 117,000.00 | \$ 117,000.00                 | \$ 70,000.00  | \$ 70,000.00                  | \$ 100,000.00 | \$ 100,000.00                 |
| II-3.    | Drill Pilot Hole - Drill Nominal 8 to 12-¼-Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:  |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 180.00     | \$ 63,000.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 75.00      | \$ 26,250.00                  | \$ 175.00     | \$ 61,250.00                  |
|          | b. 1,800 feet bls (Reverse-air)   | FT  | 1,450   | \$ 160.00     | \$ 232,000.00                 | \$ 100.00     | \$ 145,000.00                 | \$ 75.00      | \$ 108,750.00                 | \$ 145.00     | \$ 210,250.00                 |
|          | c. 12-inch Diameter up to 3,500 feet bls (Reverse-air)  | FT  | 1,900   | \$ 40.00      | \$ 76,000.00                  | \$ 100.00     | \$ 190,000.00                 | \$ 75.00      | \$ 142,500.00                 | \$ 120.00     | \$ 228,000.00                 |
| II-4.    | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 41-inch Diameter to 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 102.00     | \$ 35,700.00                  | \$ 160.00     | \$ 56,000.00                  | \$ 300.00     | \$ 105,000.00                 | \$ 275.00     | \$ 96,250.00                  |
|          | b. 31-inch Diameter to 1,600 feet bls (Reverse-air)   | FT  | 1,250   | \$ 115.00     | \$ 143,750.00                 | \$ 140.00     | \$ 175,000.00                 | \$ 225.00     | \$ 281,250.00                 | \$ 245.00     | \$ 306,250.00                 |
|          | c. 23-inch Diameter up to 2,000 feet bls (Reverse-air)  | FT  | 400     | \$ 115.00     | \$ 46,000.00                  | \$ 120.00     | \$ 48,000.00                  | \$ 175.00     | \$ 70,000.00                  | \$ 210.00     | \$ 84,000.00                  |
|          | d. Re-establish 12-inch Diameter open hole up to 3,500 feet bls (Reverse-air)   | FT  | 1,500   | \$ 30.00      | \$ 45,000.00                  | \$ 100.00     | \$ 150,000.00                 | \$ 100.00     | \$ 150,000.00                 | \$ 110.00     | \$ 165,000.00                 |
| II-5.    | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 4,250.00   | \$ 4,250.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 2,500.00   | \$ 2,500.00                   |
|          | c. Pilot Hole to 1,800 feet   | EA  | 1       | \$ 19,777.00  | \$ 19,777.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 7,250.00   | \$ 7,250.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 9,500.00   | \$ 9,500.00                   | \$ 15,000.00  | \$ 15,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 3,500.00   | \$ 3,500.00                   |
|          | e. Pilot hole up to 3,500 feet  | EA  | 1       | \$ 26,369.00  | \$ 26,369.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 9,250.00   | \$ 9,250.00                   |
|          | d. Reamed Hole to 2,000 feet  | EA  | 1       | \$ 6,109.00   | \$ 6,109.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 2,750.00   | \$ 2,750.00                   |
|          | f. Completed Well up to 3,500 feet  | EA  | 1       | \$ 65,923.00  | \$ 65,923.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,250.00   | \$ 8,250.00                   |
|          | g. Temperature Log Following Each Cement Stage  | EA  | 5       | \$ 3,665.00   | \$ 18,325.00                  | \$ 1,000.00   | \$ 5,000.00                   | \$ 2,500.00   | \$ 12,500.00                  | \$ 1,750.00   | \$ 8,750.00                   |
|          | h. Cement Bond Log on Final Casing  | EA  | 1       | \$ 18,326.00  | \$ 18,326.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 18,500.00  | \$ 18,500.00                  | \$ 6,250.00   | \$ 6,250.00                   |
| II-6.    | Furnish and Install Casing:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 32-inch Dia. Carbon Steel  | FT  | 350     | \$ 159.00     | \$ 55,650.00                  | \$ 150.00     | \$ 52,500.00                  | \$ 200.00     | \$ 70,000.00                  | \$ 210.00     | \$ 73,500.00                  |
|          | b. 24-inch Dia. Carbon Steel  | FT  | 1600    | \$ 110.00     | \$ 176,000.00                 | \$ 100.00     | \$ 160,000.00                 | \$ 125.00     | \$ 200,000.00                 | \$ 170.00     | \$ 272,000.00                 |
|          | c. 12-inch Dia. Carbon Steel  | FT  | 2000    | \$ 84.00      | \$ 168,000.00                 | \$ 120.00     | \$ 240,000.00                 | \$ 100.00     | \$ 200,000.00                 | \$ 160.00     | \$ 320,000.00                 |
| II-7.    | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 0% Bentonite (Neat)  | FT3 | 6000    | \$ 18.00      | \$ 108,000.00                 | \$ 10.00      | \$ 60,000.00                  | \$ 28.00      | \$ 168,000.00                 | \$ 15.00      | \$ 90,000.00                  |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IIB - IW-2 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M  | EST QTY | All Webb     |                               | YBI          |                               | Rowe         |                               | FD Drilling  |                               |
|----------|---|------|---------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |   |      |         | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
|          | b. Up to 6% Bentonite   | FT3  | 3600    | \$ 17.00     | \$ 61,200.00                  | \$ 8.00      | \$ 28,800.00                  | \$ 35.00     | \$ 126,000.00                 | \$ 15.00     | \$ 54,000.00                  |
|          | c. Up to 8% Bentonite   | FT3  | 2400    | \$ 16.00     | \$ 38,400.00                  | \$ 7.00      | \$ 16,800.00                  | \$ 40.00     | \$ 96,000.00                  | \$ 12.50     | \$ 30,000.00                  |
| II-8.    | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete   | YD3  | 20      | \$ 1,700.00  | \$ 34,000.00                  | \$ 216.00    | \$ 4,320.00                   | \$ 175.00    | \$ 3,500.00                   | \$ 275.00    | \$ 5,500.00                   |
| II-9.    | Pressure Test Casing - Successfully Complete Pressure Test on Final 24-Inch Casing Prior to Drilling Out Plug, Complete                     | LS   | 1       | \$ 20,000.00 | \$ 20,000.00                  | \$ 20,000.00 | \$ 20,000.00                  | \$ 15,000.00 | \$ 15,000.00                  | \$ 5,000.00  | \$ 5,000.00                   |
| II-10.   | Cores - During Pilot Hole or Open Hole Drilling, Provide 10-Foot Length, 4-Inch Diameter Cores at Selected Intervals, Complete              | Feet | 40      | \$ 1,402.00  | \$ 56,080.00                  | \$ 1,000.00  | \$ 40,000.00                  | \$ 750.00    | \$ 30,000.00                  | \$ 1,000.00  | \$ 40,000.00                  |
| II-11.   | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete                          | EA   | 6       | \$ 9,953.00  | \$ 59,718.00                  | \$ 10,000.00 | \$ 60,000.00                  | \$ 10,000.00 | \$ 60,000.00                  | \$ 12,500.00 | \$ 75,000.00                  |
| II-12.   | Packer Test Pumping Time, Complete  | HR   | 100     | \$ 448.00    | \$ 44,800.00                  | \$ 300.00    | \$ 30,000.00                  | \$ 300.00    | \$ 30,000.00                  | \$ 275.00    | \$ 27,500.00                  |
| II-13.   | Pumping Test Setup, Complete  | LS   | 2       | \$ 20,000.00 | \$ 40,000.00                  | \$ 10,000.00 | \$ 20,000.00                  | \$ 20,000.00 | \$ 40,000.00                  | \$ 12,500.00 | \$ 25,000.00                  |
| II-14.   | Pumping Test Pumping Time, Complete   | HR   | 10      | \$ 2,488.00  | \$ 24,880.00                  | \$ 300.00    | \$ 3,000.00                   | \$ 350.00    | \$ 3,500.00                   | \$ 275.00    | \$ 2,750.00                   |
| II-15.   | Development - Develop Well by Air Lifting, Complete   | HR   | 48      | \$ 519.00    | \$ 24,912.00                  | \$ 300.00    | \$ 14,400.00                  | \$ 350.00    | \$ 16,800.00                  | \$ 275.00    | \$ 13,200.00                  |
| II-16.   | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete  | LS   | 1       | \$ 75,000.00 | \$ 75,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 3,000.00  | \$ 3,000.00                   | \$ 7,500.00  | \$ 7,500.00                   |
| II-17.   | Standby Time (Max. 12 hr/day)   | HR   | 40      | \$ 200.00    | \$ 8,000.00                   | \$ 50.00     | \$ 2,000.00                   | \$ 200.00    | \$ 8,000.00                   | \$ 10.00     | \$ 400.00                     |
| II-18.   | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete | HR   | 40      | \$ 250.00    | \$ 10,000.00                  | \$ 100.00    | \$ 4,000.00                   | \$ 300.00    | \$ 12,000.00                  | \$ 75.00     | \$ 3,000.00                   |
| II-19.   | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |      |         |              |                               |              |                               |              |                               |              |                               |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples   | EA   | 35      | \$ 750.00    | \$ 26,250.00                  | \$ 300.00    | \$ 10,500.00                  | \$ 35.00     | \$ 1,225.00                   | \$ 200.00    | \$ 7,000.00                   |
|          | b. Exhibit 1, List A  | EA   | 70      | \$ 450.00    | \$ 31,500.00                  | \$ 500.00    | \$ 35,000.00                  | \$ 50.00     | \$ 3,500.00                   | \$ 750.00    | \$ 52,500.00                  |
|          | c. Exhibit 1, List B  | EA   | 12      | \$ 336.00    | \$ 4,032.00                   | \$ 1,000.00  | \$ 12,000.00                  | \$ 75.00     | \$ 900.00                     | \$ 1,750.00  | \$ 21,000.00                  |
|          | d. Exhibit 1, List C  | EA   | 1       | \$ 5,880.00  | \$ 5,880.00                   | \$ 6,000.00  | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,250.00  | \$ 5,250.00                   |
| II-20.   | Acidization Setup - Setup for Acidization, Complete, Including well kills   | LS   | 1       | \$ 30,000.00 | \$ 30,000.00                  | \$ 30,000.00 | \$ 30,000.00                  | \$ 25,000.00 | \$ 25,000.00                  | \$ 12,500.00 | \$ 12,500.00                  |
| II-21.   | Furnish and Emplace Acid, Complete  | GAL  | 10,000  | \$ 4.00      | \$ 40,000.00                  | \$ 3.00      | \$ 30,000.00                  | \$ 7.00      | \$ 70,000.00                  | \$ 2.75      | \$ 27,500.00                  |

|                       |                 |                        |                        |                        |                        |
|-----------------------|-----------------|------------------------|------------------------|------------------------|------------------------|
| <b>TOTAL PART IIB</b> | <b>Actual</b>   | <b>\$ 2,498,299.00</b> | <b>\$ 2,196,320.00</b> | <b>\$ 2,506,175.00</b> | <b>\$ 2,508,850.00</b> |
|                       | submitted price | \$ 2,498,299.00        | \$ 2,196,320.00        | \$ 2,506,175.00        | \$ 2,508,850.00        |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IIIB - IW-3 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb      |                               | YBI           |                               | Rowe          |                               | FD Drilling   |                               |
|----------|---|-----|---------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|
|          |   |     |         | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item |
| III-1.   | a. Mobilize and Demobilize All Equip. to the IW-3 Well Site at the NRWRF to Complete Drilling and Testing Activities for IW-3, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 360,000.00 | \$ 360,000.00                 | \$ 308,000.00 | \$ 308,000.00                 | \$ 399,600.00 | \$ 399,600.00                 | \$ 40,000.00  | \$ 40,000.00                  |
|          | b. <u>Additional</u> Mobilization Cost to Construct Well at SEWRF   | LS  | 1       | \$ 25,000.00  | \$ 25,000.00                  | \$ 13,516.65  | \$ 13,516.65                  | \$ 200,000.00 | \$ 200,000.00                 | \$ 25,000.00  | \$ 25,000.00                  |
| III-2.   | Set Pit Casing, Complete  | LS  | 1       | \$ 250,000.00 | \$ 250,000.00                 | \$ 111,800.00 | \$ 111,800.00                 | \$ 70,000.00  | \$ 70,000.00                  | \$ 100,000.00 | \$ 100,000.00                 |
| III-3.   | Drill Pilot Hole - Drill Nominal 8 to 12-¼ -Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 180.00     | \$ 63,000.00                  | \$ 120.00     | \$ 42,000.00                  | \$ 105.00     | \$ 36,750.00                  | \$ 180.00     | \$ 63,000.00                  |
|          | b. 1,800 feet bls (Reverse-air)   | FT  | 1,450   | \$ 130.00     | \$ 188,500.00                 | \$ 120.00     | \$ 174,000.00                 | \$ 105.00     | \$ 152,250.00                 | \$ 150.00     | \$ 217,500.00                 |
|          | c. 12-inch Diameter up to 3,500 feet bls (Reverse-air)  | FT  | 1,900   | \$ 40.00      | \$ 76,000.00                  | \$ 100.00     | \$ 190,000.00                 | \$ 125.00     | \$ 237,500.00                 | \$ 125.00     | \$ 237,500.00                 |
| III-4.   | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 47-inch Diameter to 350 feet bls (Mud Rotary)  | FT  | 350     | \$ 102.00     | \$ 35,700.00                  | \$ 180.00     | \$ 63,000.00                  | \$ 400.00     | \$ 140,000.00                 | \$ 285.00     | \$ 99,750.00                  |
|          | b. 33-inch Diameter to 1,600 feet bls (Reverse-air)   | FT  | 1,250   | \$ 115.00     | \$ 143,750.00                 | \$ 150.00     | \$ 187,500.00                 | \$ 275.00     | \$ 343,750.00                 | \$ 260.00     | \$ 325,000.00                 |
|          | c. 25-inch Diameter up to 2,000 feet bls (Reverse-air)  | FT  | 400     | \$ 115.00     | \$ 46,000.00                  | \$ 130.00     | \$ 52,000.00                  | \$ 225.00     | \$ 90,000.00                  | \$ 225.00     | \$ 90,000.00                  |
|          | d. Re-establish 12-inch Diameter open hole up to 3,500 feet bls (Reverse-air)   | FT  | 1,500   | \$ 30.00      | \$ 45,000.00                  | \$ 100.00     | \$ 150,000.00                 | \$ 100.00     | \$ 150,000.00                 | \$ 110.00     | \$ 165,000.00                 |
| III-5.   | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 6,100.00   | \$ 6,100.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 4,250.00   | \$ 4,250.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 6,100.00   | \$ 6,100.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 2,500.00   | \$ 2,500.00                   |
|          | c. Pilot Hole to 1,800 feet   | EA  | 1       | \$ 19,000.00  | \$ 19,000.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 7,250.00   | \$ 7,250.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 6,100.00   | \$ 6,100.00                   | \$ 15,000.00  | \$ 15,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 3,500.00   | \$ 3,500.00                   |
|          | e. Pilot hole up to 3,500 feet  | EA  | 1       | \$ 26,000.00  | \$ 26,000.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 9,250.00   | \$ 9,250.00                   |
|          | d. Reamed Hole to 2,000 feet  | EA  | 1       | \$ 6,100.00   | \$ 6,100.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00   | \$ 8,500.00                   | \$ 3,750.00   | \$ 3,750.00                   |
|          | f. Completed Well up to 3,500 feet  | EA  | 1       | \$ 65,000.00  | \$ 65,000.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 10,000.00  | \$ 10,000.00                  | \$ 8,250.00   | \$ 8,250.00                   |
|          | g. Temperature Log Following Each Cement Stage  | EA  | 5       | \$ 2,000.00   | \$ 10,000.00                  | \$ 1,000.00   | \$ 5,000.00                   | \$ 3,000.00   | \$ 15,000.00                  | \$ 1,750.00   | \$ 8,750.00                   |
|          | h. Cement Bond Log on Final Casing  | EA  | 1       | \$ 18,000.00  | \$ 18,000.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 20,000.00  | \$ 20,000.00                  | \$ 6,500.00   | \$ 6,500.00                   |
| III-6.   | Furnish and Install Casing:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 34-inch Dia. Carbon Steel  | FT  | 350     | \$ 200.00     | \$ 70,000.00                  | \$ 160.00     | \$ 56,000.00                  | \$ 250.00     | \$ 87,500.00                  | \$ 225.00     | \$ 78,750.00                  |
|          | b. 26-inch Dia. Carbon Steel  | FT  | 1600    | \$ 160.00     | \$ 256,000.00                 | \$ 120.00     | \$ 192,000.00                 | \$ 150.00     | \$ 240,000.00                 | \$ 180.00     | \$ 288,000.00                 |
|          | c. 16-inch Dia. Carbon Steel  | FT  | 2000    | \$ 185.00     | \$ 370,000.00                 | \$ 100.00     | \$ 200,000.00                 | \$ 175.00     | \$ 350,000.00                 | \$ 190.00     | \$ 380,000.00                 |
|          | d. 9.625-inch Dia. FRP Tubing   | FT  | 2000    | \$ 120.00     | \$ 240,000.00                 | \$ 80.00      | \$ 160,000.00                 | \$ 100.00     | \$ 200,000.00                 | \$ 180.00     | \$ 360,000.00                 |
| III-7.   | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |               |                               |               |                               |               |                               |               |                               |
|          | a. 0% Bentonite (Neat)  | FT3 | 7500    | \$ 18.00      | \$ 135,000.00                 | \$ 10.00      | \$ 75,000.00                  | \$ 28.00      | \$ 210,000.00                 | \$ 15.00      | \$ 112,500.00                 |
|          | b. Up to 6% Bentonite   | FT3 | 4500    | \$ 17.00      | \$ 76,500.00                  | \$ 8.00       | \$ 36,000.00                  | \$ 35.00      | \$ 157,500.00                 | \$ 15.00      | \$ 67,500.00                  |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IIIB - IW-3 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION  | U/M  | EST QTY | All Webb     |                               | YBI          |                               | Rowe         |                               | FD Drilling  |                               |
|----------|--|------|---------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |  |      |         | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
|          | c. Up to 8% Bentonite  | FT3  | 3000    | \$ 16.00     | \$ 48,000.00                  | \$ 7.00      | \$ 21,000.00                  | \$ 40.00     | \$ 120,000.00                 | \$ 12.50     | \$ 37,500.00                  |
| III-8.   | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete  | YD3  | 20      | \$ 1,700.00  | \$ 34,000.00                  | \$ 216.00    | \$ 4,320.00                   | \$ 175.00    | \$ 3,500.00                   | \$ 275.00    | \$ 5,500.00                   |
| III-9.   | Pressure Test Casing - Successfully Complete Pressure Test on Casings, Complete  |      |         |              |                               |              |                               |              |                               |              |                               |
|          | a. Final 16-Inch Casing Prior to Drilling Out Plug   | LS   | 1       | \$ 15,000.00 | \$ 15,000.00                  | \$ 30,000.00 | \$ 30,000.00                  | \$ 20,000.00 | \$ 20,000.00                  | \$ 5,000.00  | \$ 5,000.00                   |
|          | b. Final 9-Inch FRP Tubing using an Inflatable Packer  | LS   | 1       | \$ 15,000.00 | \$ 15,000.00                  | \$ 30,000.00 | \$ 30,000.00                  | \$ 20,000.00 | \$ 20,000.00                  | \$ 5,000.00  | \$ 5,000.00                   |
| III-10.  | Cores - During Pilot Hole or Open Hole Drilling, Provide 10-Foot Length, 4-Inch Diameter Cores at Selected Intervals, Complete               | Feet | 40      | \$ 1,400.00  | \$ 56,000.00                  | \$ 1,000.00  | \$ 40,000.00                  | \$ 1,000.00  | \$ 40,000.00                  | \$ 1,000.00  | \$ 40,000.00                  |
| III-11.  | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete                           | EA   | 8       | \$ 9,900.00  | \$ 79,200.00                  | \$ 10,000.00 | \$ 80,000.00                  | \$ 15,000.00 | \$ 120,000.00                 | \$ 10,000.00 | \$ 80,000.00                  |
| III-12.  | Packer Test Pumping Time, Complete   | HR   | 130     | \$ 450.00    | \$ 58,500.00                  | \$ 300.00    | \$ 39,000.00                  | \$ 300.00    | \$ 39,000.00                  | \$ 250.00    | \$ 32,500.00                  |
| III-13.  | Pumping Test Setup, Complete   | LS   | 2       | \$ 20,000.00 | \$ 40,000.00                  | \$ 10,000.00 | \$ 20,000.00                  | \$ 25,000.00 | \$ 50,000.00                  | \$ 10,000.00 | \$ 20,000.00                  |
| III-14.  | Pumping Test Pumping Time, Complete  | HR   | 10      | \$ 2,500.00  | \$ 25,000.00                  | \$ 300.00    | \$ 3,000.00                   | \$ 350.00    | \$ 3,500.00                   | \$ 290.00    | \$ 2,900.00                   |
| III-15.  | Development - Develop Well by Air Lifting, Complete  | HR   | 48      | \$ 500.00    | \$ 24,000.00                  | \$ 300.00    | \$ 14,400.00                  | \$ 350.00    | \$ 16,800.00                  | \$ 250.00    | \$ 12,000.00                  |
| III-16.  | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete   | LS   | 1       | \$ 30,760.00 | \$ 30,760.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00  | \$ 5,000.00                   | \$ 7,500.00  | \$ 7,500.00                   |
| III-17.  | Standby Time (Max. 12 hr/day)  | HR   | 40      | \$ 250.00    | \$ 10,000.00                  | \$ 50.00     | \$ 2,000.00                   | \$ 200.00    | \$ 8,000.00                   | \$ 10.00     | \$ 400.00                     |
| III-18.  | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete: | HR   | 40      | \$ 350.00    | \$ 14,000.00                  | \$ 100.00    | \$ 4,000.00                   | \$ 300.00    | \$ 12,000.00                  | \$ 75.00     | \$ 3,000.00                   |
| III-19.  | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311:  |      |         |              |                               |              |                               |              |                               |              |                               |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples  | EA   | 52      | \$ 400.00    | \$ 20,800.00                  | \$ 300.00    | \$ 15,600.00                  | \$ 35.00     | \$ 1,820.00                   | \$ 180.00    | \$ 9,360.00                   |
|          | b. Exhibit 1, List A   | EA   | 70      | \$ 500.00    | \$ 35,000.00                  | \$ 500.00    | \$ 35,000.00                  | \$ 50.00     | \$ 3,500.00                   | \$ 750.00    | \$ 52,500.00                  |
|          | c. Exhibit 1, List B   | EA   | 16      | \$ 335.00    | \$ 5,360.00                   | \$ 1,000.00  | \$ 16,000.00                  | \$ 75.00     | \$ 1,200.00                   | \$ 1,500.00  | \$ 24,000.00                  |
|          | d. Exhibit 1, List C   | EA   | 1       | \$ 5,880.00  | \$ 5,880.00                   | \$ 6,000.00  | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00  | \$ 5,000.00                   |
| III-20.  | Acidization Setup - Setup for Acidization, Complete, Including well kills  | LS   | 1       | \$ 15,000.00 | \$ 15,000.00                  | \$ 30,000.00 | \$ 30,000.00                  | \$ 25,000.00 | \$ 25,000.00                  | \$ 12,500.00 | \$ 12,500.00                  |
| III-21.  | Furnish and Emplace Acid, Complete   | GAL  | 10,000  | \$ 4.00      | \$ 40,000.00                  | \$ 3.00      | \$ 30,000.00                  | \$ 7.00      | \$ 70,000.00                  | \$ 2.75      | \$ 27,500.00                  |

|                       |                 |                        |                        |                        |                        |
|-----------------------|-----------------|------------------------|------------------------|------------------------|------------------------|
| <b>TOTAL PART IIA</b> | <b>Actual</b>   | <b>\$ 3,114,350.00</b> | <b>\$ 2,571,136.65</b> | <b>\$ 3,730,170.00</b> | <b>\$ 3,085,660.00</b> |
|                       | submitted price | \$ 3,114,350.00        | \$ 2,571,136.65        | \$ 3,730,170.00        | \$ 3,085,660.00        |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IVB - DZMW-1 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb     |                               | YBI           |                               | Rowe         |                               | FD Drilling  |                               |
|----------|---|-----|---------|--------------|-------------------------------|---------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |   |     |         | Unit Cost    | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
| IV-1.    | Mobilize and Demobilize All Equip. to the DZMW-1 Well Site to complete Drilling (in a 12 Hr/Day, 5 Day/Week Schedule) and Testing Activities for DZMW-1, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 75,000.00 | \$ 75,000.00                  | \$ 105,000.00 | \$ 105,000.00                 | \$ 98,300.00 | \$ 98,300.00                  | \$ 10,000.00 | \$ 10,000.00                  |
| IV-2.    | Set Pit Casing, Complete  | LS  | 1       | \$ 50,000.00 | \$ 50,000.00                  | \$ 99,720.00  | \$ 99,720.00                  | \$ 40,000.00 | \$ 40,000.00                  | \$ 20,000.00 | \$ 20,000.00                  |
| IV-3.    | Drill Pilot Hole - Drill Nominal 8 to 12-¼ -Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 150.00     | \$ 52,500.00                  | \$ 75.00     | \$ 26,250.00                  | \$ 125.00    | \$ 43,750.00                  |
|          | b. 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 70.00     | \$ 87,500.00                  | \$ 150.00     | \$ 187,500.00                 | \$ 75.00     | \$ 93,750.00                  | \$ 105.00    | \$ 131,250.00                 |
| IV-4.    | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 23-inch Diameter to 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 200.00    | \$ 70,000.00                  | \$ 165.00    | \$ 57,750.00                  |
|          | b. 15-inch Diameter to 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 55.00     | \$ 68,750.00                  | \$ 80.00      | \$ 100,000.00                 | \$ 150.00    | \$ 187,500.00                 | \$ 110.00    | \$ 137,500.00                 |
| IV-5.    | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 2,000.00  | \$ 2,000.00                   |
|          | c. Pilot Hole to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 6,000.00  | \$ 6,000.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | e. Completed Well to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 12,000.00  | \$ 12,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | f. Cement Bond Log on Final FRP Casing  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 12,000.00  | \$ 12,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 4,000.00  | \$ 4,000.00                   |
| IV-6.    | Furnish and Install Casing:   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 16-inch Dia. Carbon Steel to 350 feet  | FT  | 350     | \$ 120.00    | \$ 42,000.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 135.00    | \$ 47,250.00                  | \$ 145.00    | \$ 50,750.00                  |
|          | b. 6-inch Dia. FRP to 1,500 feet  | FT  | 1150    | \$ 55.00     | \$ 63,250.00                  | \$ 80.00      | \$ 92,000.00                  | \$ 130.00    | \$ 149,500.00                 | \$ 110.00    | \$ 126,500.00                 |
| IV-7.    | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 0% Bentonite (Neat)  | FT3 | 1500    | \$ 18.00     | \$ 27,000.00                  | \$ 10.00      | \$ 15,000.00                  | \$ 28.00     | \$ 42,000.00                  | \$ 15.00     | \$ 22,500.00                  |
|          | b. Up to 6% Bentonite   | FT3 | 900     | \$ 17.00     | \$ 15,300.00                  | \$ 8.00       | \$ 7,200.00                   | \$ 35.00     | \$ 31,500.00                  | \$ 15.00     | \$ 13,500.00                  |
|          | c. Up to 8% Bentonite   | FT3 | 600     | \$ 16.00     | \$ 9,600.00                   | \$ 7.00       | \$ 4,200.00                   | \$ 40.00     | \$ 24,000.00                  | \$ 12.50     | \$ 7,500.00                   |
| IV-8.    | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete   | YD3 | 5       | \$ 1,200.00  | \$ 6,000.00                   | \$ 216.00     | \$ 1,080.00                   | \$ 175.00    | \$ 875.00                     | \$ 250.00    | \$ 1,250.00                   |
| IV-9.    | Development - Develop Well by Air Lifting, Complete   | HR  | 24      | \$ 350.00    | \$ 8,400.00                   | \$ 300.00     | \$ 7,200.00                   | \$ 350.00    | \$ 8,400.00                   | \$ 250.00    | \$ 6,000.00                   |
| IV-10.   | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete  | LS  | 1       | \$ 9,000.00  | \$ 9,000.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00  | \$ 8,500.00                   | \$ 7,500.00  | \$ 7,500.00                   |
| IV-11.   | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete  | EA  | 2       | \$ 9,900.00  | \$ 19,800.00                  | \$ 10,000.00  | \$ 20,000.00                  | \$ 18,000.00 | \$ 36,000.00                  | \$ 10,000.00 | \$ 20,000.00                  |
| IV-12.   | Packer Test Pumping Time, Complete  | HR  | 32      | \$ 350.00    | \$ 11,200.00                  | \$ 300.00     | \$ 9,600.00                   | \$ 300.00    | \$ 9,600.00                   | \$ 250.00    | \$ 8,000.00                   |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
 Solicitation No.: **#17-0395DC**  
 Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART IVB - DZMW-1 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb    |                               | YBI         |                               | Rowe         |                               | FD Drilling |                               |
|----------|---|-----|---------|-------------|-------------------------------|-------------|-------------------------------|--------------|-------------------------------|-------------|-------------------------------|
|          |   |     |         | Unit Cost   | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item |
| IV-13.   | Standby Time (Max. 12 hr/day)   | HR  | 20      | \$ 150.00   | \$ 3,000.00                   | \$ 50.00    | \$ 1,000.00                   | \$ 200.00    | \$ 4,000.00                   | \$ 10.00    | \$ 200.00                     |
| IV-14.   | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete | HR  | 20      | \$ 250.00   | \$ 5,000.00                   | \$ 100.00   | \$ 2,000.00                   | \$ 300.00    | \$ 6,000.00                   | \$ 75.00    | \$ 1,500.00                   |
| IV-15.   | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |     |         |             |                               |             |                               |              |                               |             |                               |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples   | EA  | 22      | \$ 750.00   | \$ 16,500.00                  | \$ 300.00   | \$ 6,600.00                   | \$ 35.00     | \$ 770.00                     | \$ 180.00   | \$ 3,960.00                   |
|          | b. Exhibit 1, List A  | EA  | 28      | \$ 449.00   | \$ 12,572.00                  | \$ 300.00   | \$ 8,400.00                   | \$ 50.00     | \$ 1,400.00                   | \$ 745.00   | \$ 20,860.00                  |
|          | c. Exhibit 1, List C  | EA  | 1       | \$ 5,880.00 | \$ 5,880.00                   | \$ 6,000.00 | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00 | \$ 5,000.00                   |

|                       |                 |                      |                      |                      |                      |
|-----------------------|-----------------|----------------------|----------------------|----------------------|----------------------|
| <b>TOTAL PART IIA</b> | <b>Actual</b>   | <b>\$ 645,052.00</b> | <b>\$ 875,000.00</b> | <b>\$ 943,095.00</b> | <b>\$ 716,270.00</b> |
|                       | submitted price | \$ 645,052.00        | \$ 875,000.00        | \$ 943,095.00        | \$ 716,270.00        |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART VB - DZMW-2 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb     |                               | YBI           |                               | Rowe         |                               | FD Drilling  |                               |
|----------|---|-----|---------|--------------|-------------------------------|---------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |   |     |         | Unit Cost    | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
| IV-1.    | Mobilize and Demobilize All Equip. to the DZMW-1 Well Site to complete Drilling (in a 12 Hr/Day, 5 Day/Week Schedule) and Testing Activities for DZMW-1, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 75,000.00 | \$ 75,000.00                  | \$ 105,000.00 | \$ 105,000.00                 | \$ 98,300.00 | \$ 98,300.00                  | \$ 10,000.00 | \$ 10,000.00                  |
| IV-2.    | Set Pit Casing, Complete  | LS  | 1       | \$ 50,000.00 | \$ 50,000.00                  | \$ 99,720.00  | \$ 99,720.00                  | \$ 40,000.00 | \$ 40,000.00                  | \$ 20,000.00 | \$ 20,000.00                  |
| IV-3.    | Drill Pilot Hole - Drill Nominal 8 to 12-¼ -Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 150.00     | \$ 52,500.00                  | \$ 75.00     | \$ 26,250.00                  | \$ 125.00    | \$ 43,750.00                  |
|          | b. 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 70.00     | \$ 87,500.00                  | \$ 150.00     | \$ 187,500.00                 | \$ 75.00     | \$ 93,750.00                  | \$ 105.00    | \$ 131,250.00                 |
| IV-4.    | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 23-inch Diameter to 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 200.00    | \$ 70,000.00                  | \$ 165.00    | \$ 57,750.00                  |
|          | b. 15-inch Diameter to 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 55.00     | \$ 68,750.00                  | \$ 80.00      | \$ 100,000.00                 | \$ 150.00    | \$ 187,500.00                 | \$ 110.00    | \$ 137,500.00                 |
| IV-5.    | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 2,000.00  | \$ 2,000.00                   |
|          | c. Pilot Hole to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 6,000.00  | \$ 6,000.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | e. Completed Well to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 12,000.00  | \$ 12,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | f. Cement Bond Log on Final FRP Casing  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 12,000.00  | \$ 12,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 4,000.00  | \$ 4,000.00                   |
| IV-6.    | Furnish and Install Casing:   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 16-inch Dia. Carbon Steel to 350 feet  | FT  | 350     | \$ 120.00    | \$ 42,000.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 135.00    | \$ 47,250.00                  | \$ 145.00    | \$ 50,750.00                  |
|          | b. 6-inch Dia. FRP to 1,500 feet  | FT  | 1150    | \$ 55.00     | \$ 63,250.00                  | \$ 80.00      | \$ 92,000.00                  | \$ 130.00    | \$ 149,500.00                 | \$ 110.00    | \$ 126,500.00                 |
| IV-7.    | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 0% Bentonite (Neat)  | FT3 | 1500    | \$ 18.00     | \$ 27,000.00                  | \$ 10.00      | \$ 15,000.00                  | \$ 28.00     | \$ 42,000.00                  | \$ 15.00     | \$ 22,500.00                  |
|          | b. Up to 6% Bentonite   | FT3 | 900     | \$ 17.00     | \$ 15,300.00                  | \$ 8.00       | \$ 7,200.00                   | \$ 35.00     | \$ 31,500.00                  | \$ 15.00     | \$ 13,500.00                  |
|          | c. Up to 8% Bentonite   | FT3 | 600     | \$ 16.00     | \$ 9,600.00                   | \$ 7.00       | \$ 4,200.00                   | \$ 40.00     | \$ 24,000.00                  | \$ 12.50     | \$ 7,500.00                   |
| IV-8.    | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete   | YD3 | 5       | \$ 1,200.00  | \$ 6,000.00                   | \$ 216.00     | \$ 1,080.00                   | \$ 175.00    | \$ 875.00                     | \$ 250.00    | \$ 1,250.00                   |
| IV-9.    | Development - Develop Well by Air Lifting, Complete   | HR  | 24      | \$ 350.00    | \$ 8,400.00                   | \$ 300.00     | \$ 7,200.00                   | \$ 350.00    | \$ 8,400.00                   | \$ 250.00    | \$ 6,000.00                   |
| IV-10.   | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete  | LS  | 1       | \$ 9,000.00  | \$ 9,000.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00  | \$ 8,500.00                   | \$ 3,500.00  | \$ 3,500.00                   |
| IV-11.   | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete  | EA  | 2       | \$ 9,900.00  | \$ 19,800.00                  | \$ 10,000.00  | \$ 20,000.00                  | \$ 18,000.00 | \$ 36,000.00                  | \$ 10,000.00 | \$ 20,000.00                  |
| IV-12.   | Packer Test Pumping Time, Complete  | HR  | 32      | \$ 350.00    | \$ 11,200.00                  | \$ 300.00     | \$ 9,600.00                   | \$ 300.00    | \$ 9,600.00                   | \$ 250.00    | \$ 8,000.00                   |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
 Solicitation No.: **#17-0395DC**  
 Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART VB - DZMW-2 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb    |                               | YBI         |                               | Rowe         |                               | FD Drilling |                               |
|----------|---|-----|---------|-------------|-------------------------------|-------------|-------------------------------|--------------|-------------------------------|-------------|-------------------------------|
|          |   |     |         | Unit Cost   | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item |
| IV-13.   | Standby Time (Max. 12 hr/day)   | HR  | 20      | \$ 150.00   | \$ 3,000.00                   | \$ 50.00    | \$ 1,000.00                   | \$ 200.00    | \$ 4,000.00                   | \$ 10.00    | \$ 200.00                     |
| IV-14.   | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete | HR  | 20      | \$ 250.00   | \$ 5,000.00                   | \$ 100.00   | \$ 2,000.00                   | \$ 300.00    | \$ 6,000.00                   | \$ 75.00    | \$ 1,500.00                   |
| IV-15.   | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |     |         |             |                               |             |                               |              |                               |             |                               |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples   | EA  | 22      | \$ 750.00   | \$ 16,500.00                  | \$ 300.00   | \$ 6,600.00                   | \$ 35.00     | \$ 770.00                     | \$ 180.00   | \$ 3,960.00                   |
|          | b. Exhibit 1, List A  | EA  | 28      | \$ 449.00   | \$ 12,572.00                  | \$ 300.00   | \$ 8,400.00                   | \$ 50.00     | \$ 1,400.00                   | \$ 745.00   | \$ 20,860.00                  |
|          | c. Exhibit 1, List C  | EA  | 1       | \$ 5,880.00 | \$ 5,880.00                   | \$ 6,000.00 | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00 | \$ 5,000.00                   |

|                       |                 |                      |                      |                      |                      |
|-----------------------|-----------------|----------------------|----------------------|----------------------|----------------------|
| <b>TOTAL PART IIA</b> | <b>Actual</b>   | <b>\$ 645,052.00</b> | <b>\$ 875,000.00</b> | <b>\$ 943,095.00</b> | <b>\$ 712,270.00</b> |
|                       | submitted price | \$ 645,052.00        | \$ 875,000.00        | \$ 943,095.00        | \$ 712,270.00        |



Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART VIB - DZMW-3 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb     |                               | YBI           |                               | Rowe         |                               | FD Drilling  |                               |
|----------|---|-----|---------|--------------|-------------------------------|---------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |   |     |         | Unit Cost    | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
| VI-1.    | Mobilize and Demobilize All Equip. to the DZMW-3 Well Site to complete Drilling (in a 12 Hr/Day, 5 Day/Week Schedule) and Testing Activities for DZMW-3, Complete, Including Drilling Pad and Four Water Table Monitoring Wells | LS  | 1       | \$ 75,000.00 | \$ 75,000.00                  | \$ 105,000.00 | \$ 105,000.00                 | \$ 98,300.00 | \$ 98,300.00                  | \$ 10,000.00 | \$ 10,000.00                  |
| VI-2.    | Set Pit Casing, Complete  | LS  | 1       | \$ 50,000.00 | \$ 50,000.00                  | \$ 99,720.00  | \$ 99,720.00                  | \$ 40,000.00 | \$ 40,000.00                  | \$ 20,000.00 | \$ 20,000.00                  |
| VI-3.    | Drill Pilot Hole - Drill Nominal 8 to 12-¼ -Inch Dia. Pilot Hole Using Mud Rotary or Reverse-Air Drilling Techniques, Complete to Depth of:   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 150.00     | \$ 52,500.00                  | \$ 75.00     | \$ 26,250.00                  | \$ 125.00    | \$ 43,750.00                  |
|          | b. 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 70.00     | \$ 87,500.00                  | \$ 150.00     | \$ 187,500.00                 | \$ 75.00     | \$ 93,750.00                  | \$ 105.00    | \$ 131,250.00                 |
| VI-4.    | Pilot Hole Reaming or Open Hole to Depth of:  |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 23-inch Diameter to 350 feet (Mud Rotary)  | FT  | 350     | \$ 75.00     | \$ 26,250.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 200.00    | \$ 70,000.00                  | \$ 165.00    | \$ 57,750.00                  |
|          | b. 15-inch Diameter to 1,600 feet (Reverse-air)   | FT  | 1,250   | \$ 55.00     | \$ 68,750.00                  | \$ 80.00      | \$ 100,000.00                 | \$ 150.00    | \$ 187,500.00                 | \$ 110.00    | \$ 137,500.00                 |
| VI-5.    | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:  |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. Pilot Hole to 350 feet   | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | b. Reamed Hole to 350 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 8,000.00   | \$ 8,000.00                   | \$ 7,500.00  | \$ 7,500.00                   | \$ 2,000.00  | \$ 2,000.00                   |
|          | c. Pilot Hole to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 6,000.00  | \$ 6,000.00                   |
|          | d. Reamed Hole to 1,600 feet  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 10,000.00  | \$ 10,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | e. Completed Well to 1,600 feet   | EA  | 1       | \$ 17,000.00 | \$ 17,000.00                  | \$ 12,000.00  | \$ 12,000.00                  | \$ 7,500.00  | \$ 7,500.00                   | \$ 3,000.00  | \$ 3,000.00                   |
|          | f. Cement Bond Log on Final FRP Casing  | EA  | 1       | \$ 5,700.00  | \$ 5,700.00                   | \$ 12,000.00  | \$ 12,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 4,000.00  | \$ 4,000.00                   |
| VI-6.    | Furnish and Install Casing:   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 16-inch Dia. Carbon Steel to 350 feet  | FT  | 350     | \$ 120.00    | \$ 42,000.00                  | \$ 100.00     | \$ 35,000.00                  | \$ 135.00    | \$ 47,250.00                  | \$ 145.00    | \$ 50,750.00                  |
|          | b. 6-inch Dia. FRP to 1,500 feet  | FT  | 1150    | \$ 55.00     | \$ 63,250.00                  | \$ 80.00      | \$ 92,000.00                  | \$ 130.00    | \$ 149,500.00                 | \$ 110.00    | \$ 126,500.00                 |
| VI-7.    | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface and Pilot Holes Prior to Reaming Using ASTM Type II Cement with up to:   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 0% Bentonite (Neat)  | FT3 | 1500    | \$ 18.00     | \$ 27,000.00                  | \$ 10.00      | \$ 15,000.00                  | \$ 28.00     | \$ 42,000.00                  | \$ 15.00     | \$ 22,500.00                  |
|          | b. Up to 6% Bentonite   | FT3 | 900     | \$ 17.00     | \$ 15,300.00                  | \$ 8.00       | \$ 7,200.00                   | \$ 35.00     | \$ 31,500.00                  | \$ 15.00     | \$ 13,500.00                  |
|          | c. Up to 8% Bentonite   | FT3 | 600     | \$ 16.00     | \$ 9,600.00                   | \$ 7.00       | \$ 4,200.00                   | \$ 40.00     | \$ 24,000.00                  | \$ 12.50     | \$ 7,500.00                   |
| VI-8.    | Gravel - Furnish and Emplace Clean Gravel Used to Plug Cavities, Complete   | YD3 | 5       | \$ 1,200.00  | \$ 6,000.00                   | \$ 216.00     | \$ 1,080.00                   | \$ 175.00    | \$ 875.00                     | \$ 250.00    | \$ 1,250.00                   |
| VI-9.    | Development - Develop Well by Air Lifting, Complete   | HR  | 24      | \$ 350.00    | \$ 8,400.00                   | \$ 300.00     | \$ 7,200.00                   | \$ 350.00    | \$ 8,400.00                   | \$ 250.00    | \$ 6,000.00                   |
| VI-10.   | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete  | LS  | 1       | \$ 9,000.00  | \$ 9,000.00                   | \$ 20,000.00  | \$ 20,000.00                  | \$ 8,500.00  | \$ 8,500.00                   | \$ 3,500.00  | \$ 3,500.00                   |
| VI-11.   | Packer Test Set up - Furnish, Setup, Operate, and Remove all Equip. Necessary to Run Packer Pumping Test, Complete  | EA  | 2       | \$ 9,900.00  | \$ 19,800.00                  | \$ 10,000.00  | \$ 20,000.00                  | \$ 18,000.00 | \$ 36,000.00                  | \$ 10,000.00 | \$ 20,000.00                  |
| VI-12.   | Packer Test Pumping Time, Complete  | HR  | 32      | \$ 350.00    | \$ 11,200.00                  | \$ 300.00     | \$ 9,600.00                   | \$ 300.00    | \$ 9,600.00                   | \$ 250.00    | \$ 8,000.00                   |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
 Solicitation No.: **#17-0395DC**  
 Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART VIB - DZMW-3 (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb    |                               | YBI         |                               | Rowe         |                               | FD Drilling |                               |
|----------|---|-----|---------|-------------|-------------------------------|-------------|-------------------------------|--------------|-------------------------------|-------------|-------------------------------|
|          |   |     |         | Unit Cost   | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost   | Computed Total Price for Item |
| VI-13.   | Standby Time (Max. 12 hr/day)   | HR  | 20      | \$ 150.00   | \$ 3,000.00                   | \$ 50.00    | \$ 1,000.00                   | \$ 200.00    | \$ 4,000.00                   | \$ 10.00    | \$ 200.00                     |
| VI-14.   | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete | HR  | 20      | \$ 250.00   | \$ 5,000.00                   | \$ 100.00   | \$ 2,000.00                   | \$ 300.00    | \$ 6,000.00                   | \$ 75.00    | \$ 1,500.00                   |
| VI-15.   | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |     |         |             |                               |             |                               |              |                               |             |                               |
|          | a. Water Table Monitoring Wells Weekly Compliance Samples   | EA  | 22      | \$ 750.00   | \$ 16,500.00                  | \$ 300.00   | \$ 6,600.00                   | \$ 35.00     | \$ 770.00                     | \$ 180.00   | \$ 3,960.00                   |
|          | b. Exhibit 1, List A  | EA  | 28      | \$ 449.00   | \$ 12,572.00                  | \$ 300.00   | \$ 8,400.00                   | \$ 50.00     | \$ 1,400.00                   | \$ 745.00   | \$ 20,860.00                  |
|          | c. Exhibit 1, List C  | EA  | 1       | \$ 5,880.00 | \$ 5,880.00                   | \$ 6,000.00 | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00 | \$ 5,000.00                   |

|  |  |                       |  |                 |                      |  |                      |  |                      |  |                      |
|--|--|-----------------------|--|-----------------|----------------------|--|----------------------|--|----------------------|--|----------------------|
|  |  | <b>TOTAL PART IIA</b> |  | <b>Actual</b>   | <b>\$ 645,052.00</b> |  | <b>\$ 875,000.00</b> |  | <b>\$ 943,095.00</b> |  | <b>\$ 712,270.00</b> |
|  |  |                       |  | submitted price | \$ 645,052.00        |  | \$ 875,000.00        |  | \$ 943,095.00        |  | \$ 712,270.00        |

Project Name: **Master Reuse Wet Weather Management Well System Project (NRWRF Deep Injection Wells)**  
Solicitation No.: **#17-0395DC**  
Description of Services: **NRWRF Injection and Monitoring Wells Construction**

**PART VIIB - Avon Park Monitor Well Conversion (1,440 Days for Substantial Completion)**

| ITEM No. | DESCRIPTION   | U/M | EST QTY | All Webb     |                               | YBI           |                               | Rowe         |                               | FD Drilling  |                               |
|----------|---|-----|---------|--------------|-------------------------------|---------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|
|          |   |     |         | UNIT COST    | Computed Total Price for Item | Unit Cost     | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item | Unit Cost    | Computed Total Price for Item |
| VII-1.   | Mobilize and Demobilize All Equip. to the Existing Avon Park Test Well Site to Complete Construction and Testing as required, including 200-ft gravel access road, Complete | LS  | 1       | \$ 18,000.00 | \$ 18,000.00                  | \$ 121,000.00 | \$ 121,000.00                 | \$ 90,000.00 | \$ 90,000.00                  | \$ 65,000.00 | \$ 65,000.00                  |
| VII-2.   | Drill Out Open Hole (if needed) to Depth of:  |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 8-inch Diameter up to 1,100 feet (Reverse-air)   | FT  | 100     | \$ 110.00    | \$ 11,000.00                  | \$ 150.00     | \$ 15,000.00                  | \$ 75.00     | \$ 7,500.00                   | \$ 150.00    | \$ 15,000.00                  |
| VII-3.   | Geophysical Logging - Furnish, Setup, Operate, and Remove all Equip. to Conduct Geophysical Logs in Accordance with Table 1 of Section 02679 on:                            |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. Existing Well to 1,050 feet  | EA  | 1       | \$ 19,000.00 | \$ 19,000.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 6,500.00  | \$ 6,500.00                   |
|          | b. Converted Well to 1,100 feet (if needed)   | EA  | 1       | \$ 13,625.00 | \$ 13,625.00                  | \$ 15,000.00  | \$ 15,000.00                  | \$ 10,000.00 | \$ 10,000.00                  | \$ 8,000.00  | \$ 8,000.00                   |
| VII-4.   | Furnish and Install Liner Casing (if needed):   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 4-inch Dia. Carbon Steel   | FT  | 900     | \$ 50.00     | \$ 45,000.00                  | \$ 20.00      | \$ 18,000.00                  | \$ 50.00     | \$ 45,000.00                  | \$ 100.00    | \$ 90,000.00                  |
| VII-5.   | Grout Casing - Grout Carbon Steel Casing from Bottom to Land Surface Using ASTM Type II Cement with up to:  |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. 0% Bentonite (Neat)  | FT3 | 200     | \$ 20.00     | \$ 4,000.00                   | \$ 10.00      | \$ 2,000.00                   | \$ 28.00     | \$ 5,600.00                   | \$ 15.00     | \$ 3,000.00                   |
|          | b. Up to 6% Bentonite   | FT3 | 80      | \$ 19.00     | \$ 1,520.00                   | \$ 8.00       | \$ 640.00                     | \$ 35.00     | \$ 2,800.00                   | \$ 15.00     | \$ 1,200.00                   |
| VII-6.   | Development - Develop Well by Air Lifting, Complete   | HR  | 24      | \$ 380.00    | \$ 9,120.00                   | \$ 200.00     | \$ 4,800.00                   | \$ 350.00    | \$ 8,400.00                   | \$ 250.00    | \$ 6,000.00                   |
| VII-7.   | Temporary Wellhead - Complete Wellhead in accordance with the Drawings, Complete  | LS  | 1       | \$ 9,000.00  | \$ 9,000.00                   | \$ 10,260.00  | \$ 10,260.00                  | \$ 8,500.00  | \$ 8,500.00                   | \$ 3,500.00  | \$ 3,500.00                   |
| VII-8.   | Standby Time (Max. 12 hr/day)   | HR  | 20      | \$ 340.00    | \$ 6,800.00                   | \$ 50.00      | \$ 1,000.00                   | \$ 200.00    | \$ 4,000.00                   | \$ 50.00     | \$ 1,000.00                   |
| VII-9.   | Extra Work - Furnish Drilling Rig and Crew to Perform Extra Work Not Included in the Specifications When Directed by the ENGINEER, Complete                                 | HR  | 20      | \$ 450.00    | \$ 9,000.00                   | \$ 100.00     | \$ 2,000.00                   | \$ 300.00    | \$ 6,000.00                   | \$ 250.00    | \$ 5,000.00                   |
| VII-10.  | Water Sampling - Collect, Analyze, and Report Water Samples in Accordance with Section 02311 for:   |     |         |              |                               |               |                               |              |                               |              |                               |
|          | a. Exhibit 1, List A  | EA  | 1       | \$ 500.00    | \$ 500.00                     | \$ 300.00     | \$ 300.00                     | \$ 1,000.00  | \$ 1,000.00                   | \$ 745.00    | \$ 745.00                     |
|          | b. Exhibit 1, List C  | EA  | 1       | \$ 5,880.00  | \$ 5,880.00                   | \$ 6,000.00   | \$ 6,000.00                   | \$ 10,000.00 | \$ 10,000.00                  | \$ 5,000.00  | \$ 5,000.00                   |

|                       |                 |                      |                      |                      |                      |
|-----------------------|-----------------|----------------------|----------------------|----------------------|----------------------|
| <b>TOTAL PART IIA</b> | <b>Actual</b>   | <b>\$ 152,445.00</b> | <b>\$ 211,000.00</b> | <b>\$ 208,800.00</b> | <b>\$ 209,945.00</b> |
|                       | submitted price | \$ 152,445.00        | \$ 211,000.00        | \$ 208,800.00        | \$ 209,945.00        |