

**WEBB COUNTY, TEXAS  
MIRANDO CITY WATER WELL**

**ADDENDUM NO. 1**

BID DATE (Revised as per this Addendum): Thursday, September 9, 2010

The following additions, deletions, modifications, and/or clarifications shall be made to the appropriate sections of the plans and specifications and shall be incorporated into and become a part of the Contract Documents. All provisions of the Contract Documents shall be applicable to the work as required by this Addendum.

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**Item #1:**      **Modification: Specifications: Section 02633: Drilling and Testing, General: Page 1 of 13:** Page 1 of Section 02633, Part 1: 1.2: A: State and Commercial Standards: shall include AWWA / ASTM D1784 / ASTM F480 Specification for Well Casing PVC SDR 17 Pipe and Slotted Screen PVC SDR 17 Pipe and ANSI 36.19 Specification for 2" Type 304 Stainless Steel Production Pipe.

**Item #2:**      **Modification: Specifications: Section 02633: Drilling and Testing, General: Page 8 of 13:** Page 8 of Section 02633, Part 1: 1.8: D: Conductor Casing: shall be modified to read as follows: "The CONTRACTOR shall furnish minimum 12-inch conductor casing to a depth as required or as shown on the construction plans at the well site to isolate surface deposits from the borehole and to prevent collapse of the drilled borehole."

**Item #3:**      **Modification: Specifications: Section 02634: Well Construction: Page 1 of 15:** Page 1 of Section 02634, Part 1: 1.1: B: Sequence of Work: shall be modified to read as follows: "2. Install 12-inch surface conductor casing" and "3. Drill pilot borehole and 16" final diameter reamed borehole to a depth not less than 225 feet below land surface".

**Item #4:**      **Modification: Specifications: Section 02634: Well Construction: Page 3 of 15:** Page 3 of Section 02634, Part 2: 2.1: CASING, SCREENS, AND APPURTENANCES: shall be modified to read as follows:

- A.      Conductor Casing: The conductor casing shall be minimum 12-inch outside diameter (OD) with a minimum wall thickness of 0.250 inch and shall be mild steel meeting the requirements of ASTM A 53, grade B, or ASTM A 139. The conductor casing length shall be one section as required, between 5 and 10 feet, or as shown on the plans to accommodate the final well design established by the ENGINEER.
- B.      Well Casing: The well casing shall be 8-inch diameter PVC SDR 17 pipe. Casing shall be factory assembled in not less than 40-foot lengths unless authorized by the ENGINEER and be set as specified by the ENGINEER. Smaller lengths of 5 and 10 feet shall also be furnished to accommodate the final well design established by the ENGINEER.
- C.      Well Screens: The well screen shall be factory-saw slotted PVC SDR 17 pipe constructed to close tolerance of the stipulated opening as prepared by Johnson Screen or approved equal. The CONTRACTOR shall submit shop drawings and produce specifications for adequate slotting of the screen to the ENGINEER for approval as based on the geophysical data obtained from the borehole logging.

**Item #5:**      **Modification: Specifications: Section 02634: Well Construction: Page 5 of 15:**  
Page 5 of Section 02634, Part 3: 3.1: A: 2.: shall be modified to include organic polymers with formaldehyde bactericides.

**Item #6:**      **Modification: Specifications: Section 02634: Well Construction: Page 6 of 15:**  
Page 6 of Section 02634, Part 3: 3.2: A: Drilling: shall be modified to read as follows:  
"The CONTRACTOR shall ream the pilot borehole to a diameter that allows the installation of the specified casing with a minimum of 6- inches of annular space. This reamed borehole diameter is assumed to be 16 inches. The CONTRACTOR may ream the borehole to a greater diameter with the approval of the ENGINEER. The CONTRACTOR will submit a full description of the bottom hole assembly, drill collars, and drill pipe string to the ENGINEER for approval prior to the commencement of drilling. The CONTRACTOR shall take all measures necessary to protect the top portions of the pilot borehole from caving.

**Item #7:**      **Modification: Specifications: Section 02634: Well Construction: Page 10 of 15:**  
Page 10 of Section 02634, Part 3: 3.8: D: 1: shall be modified to read as follows: "The CONTRACTOR shall furnish, install, and operate a submersible pump for developing the well. The pump shall have a capacity to pump from 25 to 45 gpm set at a depth of approximately 195 feet as per plan."

**Item #8:**      **Modification: Contract Documents: Sheet 4 of 4 – Details Sheet and Section 00350: Bid Form:** Sheet 4 of 4 – Details Sheet of the Construction Documents and Section 00350 – Bid Form of the Construction Documents have been revised as of today, September 9, 2010. The Contractor shall replace Sheet 4 of 4 – Details Sheet and Section 00350 – Bid Form with the revised contract documents bearing the date of September 9, 2010 related to these items.

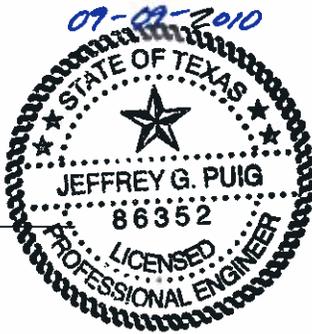
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Bidders shall acknowledge receipt of this Addendum by providing a bid on the Bid Forms bearing a date of September 9, 2010 and noted Addendum #1.

Recommended By:



Jeffrey G. Puig, P.E., R.P.L.S.  
Principal and Division Manager  
Puig Engineering  
Laredo Division of Civil Engineering Consultants



Approved By:

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Dr. Cecilia May Moreno  
Purchasing Agent  
Purchasing Department  
Webb County

**CONSTRUCTION OF MIRANDO CITY WATER WELL  
WEBB COUNTY, TEXAS**

**BID FORM**

Item No.	Estimated Quantity	Description of Item with Unit Bid Price in Words	Amount In Figures
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**Base Bid Including Special Conditions – “Buy American” Requirement**

- |    |   |      |  |
|----|---|------|--|
| 1. | 1 | L.S. | <p>Ream, equip well and install complete electrical system for the operation of the equipped well located on the Marshall property within the Mirando City Water Supply Corporation's lease boundary. This will include but not be limited to the following:</p> <ul style="list-style-type: none"> <li>• Ream existing test/bore hole for water well to the stipulated depths, install well casing with screen sections at the specified depths, gravel pack the well and cement the annular space as per the construction drawings;</li> <li>• Develop well to remove all drilling fluids, formation fines, bore hole gel, and drilling damage;</li> <li>• Perform 36-hour drawdown and recovery tests;</li> <li>• Construct well foundation, equip the well with a pump, discharge head, electrical motor and appurtenances;</li> <li>• Install yard piping, valves, flow meter, fittings, and appurtenances; sterilize/complete the well;</li> <li>• Install underground conduit piping from the AEP service pole to the control panel racks, 6' x 8' concrete slab (5" thick reinforced with no. 4 bars at 12" O.C.E.W., control panel racks, panel boxes and gutter box for electrical equipment, electrical panel switches, outlets and equipment for main power, starter, pump and equipment, underground conduit piping from panel racks to emergency shut-off controller panel, flexible conduit from emergency shut-off panel to well junction/splitter panel on well cap casing, all wiring and connections from electrical panels to well pump (Service wiring and power connects from service pole to main power panels shall be done by MSWSC electrician);</li> <li>• Complete site cleaning, minor grading, and installation of caliche as shown on the construction drawings;</li> <li>• Mobilization, demobilization, safety items and all insurance requirements.</li> </ul> <p>Work shall be for a fully functional / operational, complete water well and site, complete and in place for the sum of</p> |
|----|---|------|--|

\_\_\_\_\_

and \_\_\_\_\_ \$ \_\_\_\_\_

per lump sum.

**TOTAL BASE BID PRICE (in words):**

\_\_\_\_\_ ( \$ \_\_\_\_\_ )

**Note: As a condition for acceptance of the Contractor's Base Bid, the Contractor is required to complete the Alternate Bid under the provisions of TDRA Contract No. R729700A/B**

Item No.	Estimated Quantity	Description of Item with Unit Bid Price in Words	Amount In Figures
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**Additives to Base Bid Including Special Conditions – “Buy American” Requirement**

Add. #1: 1 L.S. Install concrete foundation and prefabricated metal building to house electrical and storage equipment for the water well located on the Marshall property within the Mirando City Water Supply Corporation's lease boundary. This will include but not be limited to the following:

- Construction of a 14' x 10' concrete foundation pad for the prefabricated metal electrical/storage building;
- Install a 10' x 8' prefabricated metal building with a single slope roof, hollow metal entrance door with lock, interior lighting, and four (4) adjustable wall louvers;
- Install metal conduit and electrical system wiring, switches, outlets, interior lighting and exterior security light for the metal building.

Work shall be for a fully functional, complete metal building to house the electrical equipment and serve as a storage facility for the water well and site, complete and in place for the sum of

\_\_\_\_\_

and \_\_\_\_\_

\$ \_\_\_\_\_

per lump sum.

Add. #2: 1 L.S. \$5,000.00 allowance for property owner reimbursement of the site clearing, caliche pad and caliche access/service road construction for the water well located on the Marshall property within the Mirando City Water Supply Corporation's lease boundary.

Allowance is to be used for the reimbursement of work performed by the property owner to clear site and provide access, complete and to be paid to the property owner for the sum of

\_\_\_\_\_

and \_\_\_\_\_

\$ \_\_\_\_\_

per lump sum.

Add. #3: 1 L.S. Install perimeter fencing and access gates as identified on the construction plans “by others” for the water well located on the Marshall property within the Mirando City Water Supply Corporation's lease boundary.

Work shall be for a fully installed, complete perimeter fence with access gates to secure the water well and site, complete and in place for the sum of

\_\_\_\_\_

and \_\_\_\_\_

\$ \_\_\_\_\_

per lump sum.

Item No.	Estimated Quantity	Description of Item with Unit Bid Price in Words	Amount In Figures
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**Additives to Base Bid Including Special Conditions – “Buy American” Requirement**

Add. #4: L.F. Provide a linear foot price for 4” polyethylene pipe to be used at the discretion of the Mirando City Water Supply Corporation for line extension services for the water well located on the Marshall property within the Mirando City Water Supply Corporation’s lease boundary. This will include but not be limited to the following:

Work shall be priced by the linear foot for 4” polyethylene pipe. The total length shall be determined by the Engineer upon acceptance of a contractor’s bid by Webb County, complete and delivered to the site for the sum of

\_\_\_\_\_

\_\_\_\_\_

and \_\_\_\_\_ \$ \_\_\_\_\_

per linear foot.

Deduct. #1: 1 L.S. Carbon steel production line pipe (2” diameter) in replace of stainless steel production line pipe for the water well located on the Marshall property within the Mirando City Water Supply Corporation’s lease boundary.

Work shall be for a fully installed carbon steel production pipe, complete and in place for the sum of

\_\_\_\_\_

\_\_\_\_\_

and \_\_\_\_\_ \$ \_\_\_\_\_

per lump sum.

Deduct. #2: 1 L.S. Install 20’ of blank section pipe in replace of saw slotted SDR 17 pvc screen for the water well located on the Marshall property within the Mirando City Water Supply Corporation’s lease boundary.

Work shall be for a fully installed blank section of SDR 17 pipe, complete and in place for the sum of

\_\_\_\_\_

\_\_\_\_\_

and \_\_\_\_\_ \$ \_\_\_\_\_

per lump sum.

Item No.	Estimated Quantity	Description of Item with Unit Bid Price in Words	Amount In Figures
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**Alternate Bid Excluding Special Conditions – “Buy American” Requirement**

- |    |   |      |   |
|----|---|------|---|
| 1. | 1 | L.S. | <p>Ream, equip well and install complete electrical system for the operation of the equipped well located on the Marshall property within the Mirando City Water Supply Corporation's lease boundary. This will include but not be limited to the following:</p> <ul style="list-style-type: none"> <li>• Ream existing test/bore hole for water well to the stipulated depths, install well casing with screen sections at the specified depths, gravel pack the well and cement the annular space as per the construction drawings;</li> <li>• Develop well to remove all drilling fluids, formation fines, bore hole gel, and drilling damage;</li> <li>• Perform 36-hour drawdown and recovery tests;</li> <li>• Construct well foundation, equip the well with a pump, discharge head, electrical motor and appurtenances;</li> <li>• Install yard piping, valves, flow meter, fittings, and appurtenances; sterilize/complete the well;</li> <li>• Install underground conduit piping from the AEP service pole to the control panel racks, 6' x 8' concrete slab (5" thick reinforced with no. 4 bars at 12" O.C.E.W., control panel racks, panel boxes and gutter box for electrical equipment, electrical panel switches, outlets and equipment for main power, starter, pump and equipment, underground conduit piping from panel racks to emergency shut-off controller panel, flexible conduit from emergency shut-off panel to well junction/splitter panel on well cap casing, all wiring and connections from electrical panels to well pump (Service wiring and power connects from service pole to main power panels shall be done by MSWSC electrician);</li> <li>• Complete site cleaning, minor grading, and installation of caliche as shown on the construction drawings;</li> <li>• Mobilization, demobilization, safety items and all insurance requirements.</li> </ul> <p>Work shall be for a fully functional / operational, complete water well and site, complete and in place for the sum of</p> <p>_____</p> <p>_____</p> <p>and _____ \$ _____</p> <p>per lump sum.</p> |
|----|---|------|---|

**TOTAL ALTERNATE BID PRICE (in words):**

\_\_\_\_\_ ( \$ \_\_\_\_\_ )

**Note: As a condition for acceptance of the Contractor's Base Bid, the Contractor is required to complete the Alternate Bid under the provisions of TDRA Contract No. R729700A/B**

Item No.	Estimated Quantity	Description of Item with Unit Bid Price in Words	Amount In Figures
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**Additives to Alternate Bid Excluding Special Conditions – “Buy American” Requirement**

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- Install metal conduit and electrical system wiring, switches, outlets, interior lighting and exterior security light for the metal building.

Work shall be for a fully functional, complete metal building to house the electrical equipment and serve as a storage facility for the water well and site, complete and in place for the sum of

\_\_\_\_\_

\_\_\_\_\_

and \_\_\_\_\_ \$ \_\_\_\_\_

per lump sum.

Add. #2: 1 L.S. \$5,000.00 allowance for property owner reimbursement of the site clearing, caliche pad and caliche access/service road construction for the water well located on the Marshall property within the Mirando City Water Supply Corporation's lease boundary.

Allowance is to be used for the reimbursement of work performed by the property owner to clear site and provide access, complete and to be paid to the property owner for the sum of

\_\_\_\_\_

\_\_\_\_\_

and \_\_\_\_\_ \$ \_\_\_\_\_

per lump sum.

Add. #3: 1 L.S. Install perimeter fencing and access gates as identified on the construction plans “by others” for the water well located on the Marshall property within the Mirando City Water Supply Corporation's lease boundary.

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Work shall be for a fully installed blank section of SDR 17 pipe, complete and in place for the sum of

\_\_\_\_\_

and \_\_\_\_\_

\$ \_\_\_\_\_

per lump sum.

**This Bid is submitted by:**

If Bidder is:

**An Individual**

By \_\_\_\_\_ (SEAL)

(Name of Bidder)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Signature)

doing business as \_\_\_\_\_

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_

**A Partnership**

By \_\_\_\_\_ (SEAL)

(Firm Name)

\_\_\_\_\_  
(Signature - general partner)

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_

**A Corporation**

By \_\_\_\_\_

(Corporation Name)

\_\_\_\_\_

(state of incorporation)

By \_\_\_\_\_

(name of person authorized to sign)

\_\_\_\_\_

(Title)

(Signature)

(Corporate Seal)

Attest \_\_\_\_\_

(Secretary)

Business address: \_\_\_\_\_

\_\_\_\_\_

Phone No.: \_\_\_\_\_

Federal Tax Identification Number \_\_\_\_\_

When proposing as a Corporation, Bidder swears and affirms by signing this Bid that the proposing Corporation is currently in existence, is currently authorized to do business in the State of Texas (or State of incorporation) and that no franchise tax reports or payments are delinquent as of the date of this Bid Proposal. The Bidder will provide a Certificate of Account Status with the signed Contract Documents. See the Agreement, Section 00500, for the sample form which is to be obtained by the successful Contractor from the Texas (or other state) Comptroller of Public Accounts and submitted as part of the final, executed Contract Documents.

