

TOWN OF GILBERT

ADDENDUM NO. 1

TO BID DOCUMENTS FOR

Project Name: Reservoir, Pump Station and Well Conversion
CIP Project Number: WA0620
Contract Number: 319001048

May 23, 2019

This Addendum contains a total of 5 pages.

The following revisions to the Bid Documents and/or Drawings for the project shall become a part of the Contract Documents. Only these items are to be altered. The remainder of the original Bid Documents and/or Drawings maintains validity in their entirety. The Bidder shall acknowledge receipt of this Addendum on the Bid Form.

BID SCHEDULE & MEASUREMENT AND PAYMENT

The attached Bid Tab, revised, supersedes the Bid Tab contained in the contract documents and must be completed, affixed in place, and submitted with the bid. Modifications to the bid tab include:

1. Add Bid Item 47 to Bid Schedule and Add Measurement and Payment description as follows:
Bid Item 47 – Earthwork for Temporary Retention: The Town of Gilbert has secured a new Temporary Construction Easement (TCE) on parcel 304-58-009H, west of the Reservoir 30 site. The Legal Description and Exhibit for this TCE is attached. CONTRACTOR shall follow TCE Requirements as described in SC-2.05.00.

CONTRACTOR shall excavate a temporary retention area within the limits of the TCE defined to store a volume of 3-acre feet. The temporary retention area shall be no more than 3-feet in depth (2 feet of retention and 1 foot of freeboard). Soil excavated to form the temporary retention area shall be stored on-site and used to backfill and compact the temporary retention at the end of the project. Approximately 5,600 cubic yards of excavation are anticipated. Any additional excavation or material required to backfill and compact to restore the TCE to its original condition shall be at no cost to GILBERT. CONTRACTOR shall obtain survey elevation shots prior to excavation and after restoration to provide to GILBERT's representative to confirm existing conditions are re-established.

CONTRACTOR shall install a temporary fence with a locking gate around the temporary retention area but not outside of the limits of the TCE.

Payment for this work shall be considered full compensation for all earthwork including excavation, backfill, site grading, compaction, materials, labor, equipment and all other work

required for complete and operational construction of the reservoir, pump station, and basin as defined in the Contract Documents. Payment shall be made based on a Lump Sum.

2. Add Bid Item 48 to Bid Schedule and Add Measurement and Payment description as follows:

Bid Item 48 – Temporary Piping for Well 29: The CONTRACTOR shall furnish and install temporary pipe for flushing of Well 29 from the existing retention area on the Reservoir 30 site to the temporary retention area as defined in Bid Item 47 on parcel 304-58-009H. CONTRACTOR shall disconnect the existing 12-inch water main (12”-RW) in 159th Street, currently connected to the air gap structure as defined on C-05, by note 17, at the existing 90 degree bend as shown on C-05 and C-06 and install 12-inch temporary HDPE pipe below grade including fittings, valves, and other appurtenances as needed to flush to the temporary retention basin (Bid Item 47). The temporary Well 29 flushing line will break grade at the edge of the temporary retention basin and extend out into the basin, then gooseneck down with a bend(s) to create a minimum 24-inch air gap between the piping and the water surface. Temporary Well 29 flushing piping that is located under streets or driveways will be bedded and backfilled with TBF.

CONTRACTOR shall coordinate with Town representative to confirm pipe route and construction phasing. Once the new air gap structure as defined on C-05 by note 20 is constructed and operational the CONTRACTOR shall coordinate with the Town representative for disconnection and removal of the temporary piping. Removal of temporary piping shall be at no additional cost to the TOWN.

Payment for this work shall be considered full compensation for all work including materials, labor, equipment and all other work required for complete and operational construction of the reservoir, pump station, and basin as defined in the Contract Documents. Payment shall be made based on a Lump Sum.

3. Add the following to the Measurement and Payment Description for Allowance 2 – Flush Well 30 to the Greenfield WRP:

CONTRACTOR shall connect the temporary above-ground, fused-HDPE flushing line to the 12" PTW-30 line downstream of the Key Note #3 valve on Sheet C-06. The Allowance 2 flushing line and appurtenances is to be constructed per the Water Movement Plan Exhibit provided to bidders. The Allowance 2 flushing line is planned for installation during the project's start-up and commissioning efforts, when all of the Well 30 and Reservoir 30 permanent facilities (well pumps, power, piping, sounds enclosures, instrumentation, and control etc.) have been installed and are ready for final testing.

4. Add the following SRP Materials List to the Measurement and Payment Description for Bid Item 19 – Reservoir 30 and Pump Station – Power and Bid Item 38 – Well 30 - Power:

CONTRACTOR shall be responsible for all trenching, conduit and transformer pad(s) and adhere to SRP standards and specifications found in the following document:
https://www.srpnet.com/electric/business/specs/pdfx/ess/ESS_Section_11-Contractor-Supplied-Material.pdf

Well 30 Materials Include:

110 Linear Feet of Primary Trench
110 Linear Feet of Backfill for Primary Trench
25 Linear Feet of Service Trench
25 Linear Feet of Backfill for Service Trench

10 Linear Feet of 6 Duct 3" Conduit Rack and Encased
400 Linear Feet of 3" Conduit
5 Linear Feet of 2.5" Conduit
95 Linear Feet of 4" Conduit
2- Electronic Marker
1-8'x8' Transformer Pad (See Detail 10 on Sheet C-21)

Reservoir 30 Materials Include:

350 Linear Feet of Primary Trench
350 Linear Feet of Backfill for Primary Trench
100 Linear Feet of Service Trench
100 Linear Feet of Backfill for Service Trench

10 Linear Feet of 6 Duct 3" Conduit Rack and Encased
400 Linear Feet of 4" Conduit
380 Linear Feet of 3" Conduit
1-Electronic Marker
1-10'x10' Transformer Pads (See Detail 10 on Sheet C-21)

5. Revise Measurement and Payment description for Allowance 3 - SRP Allowance:
Delete Bid Items 20, 22, 39, and 40 referenced in this description and replace with Bid Item 19 and 38.

TECHNICAL SPECIFICATIONS

1. Add the following to TS 01 50 00-5:
Project Sign shall be consistent with the Project Sign Template attached.
2. TS 40 61 00-19 Section 1.06.E.4:
Add 4.c Approved Equal in addition to Quantum Integrated Solutions and Brown & Caldwell.
The CONTRACTOR may submit for an approved equal Instrumentation and Control System Contractor (ICSC) per the qualifications, requirements, and experience listed in specification section 40 61 00 - Section 1.06. The qualifications, requirements, and experience of the proposed ICSC must be sent to the Town Representative for review and approval at least one week in advance of the project bid date. Submit the approval package by email in PDF format.

OTHER CONTRACT DOCUMENTS

1. Revise General Conditions 1.7.1:
Delete “The request must be made in writing and delivered at least six (6) days prior to bid opening.”
Replace with “The request must be made in writing and delivered at least ten (10) working days prior to bid opening.”
2. Revise PREBID CONFERENCE MINUTES 7.ii:
Delete June 6, 2019 as date of no further questions and replace with May 29, 2019.

QUESTIONS AND ANSWERS

1. The scale for drawings M-02 and M-03 appear not to be correct. Please clarify.
ANSWER: On Sheet M-02 the scale is 3/16” = 1’-0” and the scale bar should read 0, 2, 4, 6, and 12. On Sheet M-03 the scale is 1/4” = 1’-0” and the scale bar should read 0, 2, 4, and 8.
2. Key Note 55 on drawing C-06 mentions a 2” flushing assembly. Please provide a detail for the 2” flushing assembly.
ANSWER: Tap the 12-inch blind flange at the end of the 12” PW pipe with a 2” Mueller corporation stop, install a 2” copper test whip for water main flushing, hydrostatic testing, and Bac-T testing. After filling, flushing, hydrostatic testing, and Health Department approval have been received, remove the temporary pipe connection. Close the corporation stop and plug/cap with brass fittings after sampling is complete.
3. Per the Piping Schedule in spec section 40_05_00.01 the OFV is called out as DIP. Key Note 38 on drawing C-06 calls the OFV as SDR35 PVC, drawing C-11 also show this line as SDR35. Please clarify.
ANSWER: The 16” Overflow line is SDR35 PVC.
4. Key Note 47 on drawing C-06 states the 4” Drain Pipe connects to the 10” SS using a 10”x4” WYE. The C-06 drawing shows this connection as a 5’ dia. Manhole. Please clarify.
ANSWER: Connect to the 5’ Diameter manhole per Key Note #11.
5. Per the Piping Schedule in spec section 40_05_00.01 the SPD 3” to 10” is called out as DIP. Drawing C-12 show the 4” SPD as PVC SDR35. Please clarify.
ANSWER: The SPD is 4” PVC SDR35.
6. Drawing M-02 Key Note 36 states the 4” Drain goes to the Underdrain Sump manhole. This 4” Drain does not appear to be shown on drawing C-06. Drawing C-19 does not show this 4” Drain tying into the Underdrain manhole. Please provide detail how this line is routed and how it connects to the Underdrain manhole.
ANSWER: The 4” Drain is to be connected to the 6” Reservoir Underdrain line with a 4”X6” wye either east/west of the manhole. The final location of the Underdrain Sump Pump manhole will be field located during construction.

ATTACHMENTS

Legal Description and Exhibit for New TCE on Parcel 304-58-009H
Project Sign Template
Revised Bid Tab

Bidders shall acknowledge receipt of Addendum No. 1 on the Bid Form.
Failure to do so will result in the Bid being declared non-responsive.

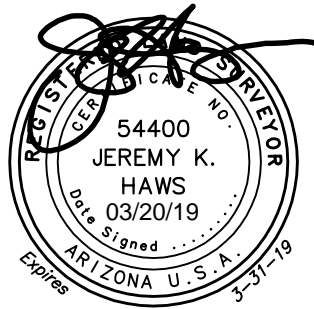
End of Addendum No. 1



LEGAL DESCRIPTION
EXHIBIT "A"
TEMPORARY CONSTRUCTION EASEMENT

THE SOUTH 200.00 FEET OF THE NORTH 345.00 FEET OF THE EAST 1296.00 FEET OF THE NORTHWEST QUARTER OF SECTION 9, TOWNSHIP 2 SOUTH, RANGE 6 EAST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA.

EXCEPT THE EAST 24.00 FEET.





Stay Connected



/GilbertTownHall



@GilbertYourTown

Project Name

PROJECT DATES:

CONTRACTOR:

CONTACT:

Website:

Thank you for your patience.

BID FORM

FOR: TOWN OF GILBERT
50 East Civic Center Drive
Gilbert, Arizona 85296

Bid of _____,

CONTRACTOR'S License No. _____

A corporation organized and existing under the laws of the State of _____; or a partnership consisting of _____, partners; or an individual conducting business as hereinafter called the BIDDER.

TO: THE HONORABLE MAYOR AND COUNCIL
Town of Gilbert
50 East Civic Center Drive
Gilbert, Arizona 85296

The undersigned acknowledges that he has received and familiarized himself with the following:

CONTRACT DOCUMENTS
PROJECT MANUAL AND DETAILS
DRAWINGS

ADDENDA No. ____ dated _____; No. ____ dated _____
No. ____ dated _____; No. ____ dated _____
No. ____ dated _____; No. ____ dated _____

The undersigned further acknowledges that he has visited the site and has familiarized himself with local conditions affecting the cost of the WORK at the place where the WORK is to be done. The undersigned further acknowledges that if his bid is accepted he shall be bound by the terms of the CONTRACT DOCUMENTS.

In submitting this Bid, the undersigned agrees:

1. To furnish all material, labor, tools, expendable and construction equipment, and all utility and transportation services necessary to furnish and install, in a workmanlike manner, all WORK at the PROJECT listed herein in strict conformity with the Construction Documents prepared by _____ for the consideration hereinafter set forth.

2. To hold his Bid open for not less than ninety days (90) DAYS after the receipt of Bids and to accept the provisions of the instructions to BIDDERS regarding disposition of BID SECURITY.

3. To enter into and execute a CONTRACT if awarded on the basis of this Bid within ten (10) days after AWARD of the Bid, and to furnish a PERFORMANCE BOND, a Labor & Material PAYMENT BOND and certificates of insurance in accord with the General Conditions and General Requirements of this CONTRACT and to deliver executed Bonds and Insurance Certificates to GILBERT'S representative within ten (10) DAYS following the issuance of the NOTICE OF AWARD.

4. To utilize the subcontractors and suppliers attached to this Bid Form unless authorized by GILBERT to substitute another subcontractor or supplier.

5. To achieve substantial completion and final completion within the time period stated in the CONTRACT DOCUMENTS taken from the date of NOTICE TO PROCEED or the date otherwise established for the commencement of WORK.

6. The undersigned agrees that time is of the essence and GILBERT will suffer financial damages due to CONTRACTOR'S failure to complete the WORK within the CONTRACT TIME. The liquidated damages shall be as follows for each day beyond the CONTRACT TIME for which CONTRACTOR shall fail to complete the WORK:

Substantial completion - \$_____ per day

Final completion - \$_____ per day

7. The undersigned has attached the required BID SECURITY and other items required in the Instructions to BIDDERS. The BID SECURITY shall become the property of Town of Gilbert, Arizona, as liquidated damages for the delay and additional WORK caused thereby in the event the CONTRACT and Bonds are not executed within the time set forth above.

NAME OF BIDDER: _____

**TOWN OF GILBERT
 BID SCHEDULE**

No.	Description	Est. Qty.	Unit	Unit Price	Extended Price
1	Mobilization and Demobilization	1	LS		
2	AZPDES & SWPPP	1	LS		
3	Traffic Control	1	LS		
4	Reservoir 30 – Disinfection, Testing and Leak Testing	1	LS		
5	Surveying, Layout and Record Drawings	1	LS		
6	Hauling (Soil Haul-off)	61400	CY		
7	Hauling (Soil Haul-back)	21700	CY		
8	Reservoir 30 and Pump Station	1	LS		
9	Reservoir 30 and Pump Station – Baffle Walls	1	LS		
10	Reservoir 30 and Pump Station – Vertical Turbine Pumps	1	LS		
11	Reservoir 30 and Pump Station – Excavation, Backfill, Grading and Earthwork	1	LS		
12	Reservoir 30 and Pump Station – PTW Basin, Drywell Modifications, and Access Ramp	1	LS		
13	Reservoir 30 and Pump Station - CMU Perimeter Walls	1	LS		
14	Reservoir 30 and Pump Station - On-site and Off-site Landscaping, Landscape Irrigation and Restoration	1	LS		
15	Reservoir 30 and Pump Station - Hardscape including: paving, curbing, sidewalk, parking, grading, decomposed granite, rock, riprap, traffic bollards, and reinforced concrete equipment pads	1	LS		
16	Reservoir 30 and Pump Station - Below-Grade Piping and Appurtenances - On-site and Off-site	1	LS		
17	Reservoir 30 and Pump Station - Below-Grade Piping and Appurtenances for Sanitary Sewer - On-site and Off-site	1	LS		

No.	Description	Est. Qty.	Unit	Unit Price	Extended Price
18	Reservoir 30 and Pump Station - Above Grade Mechanical Piping and Appurtenances	1	LS		
19	Reservoir 30 and Pump Station - Power	1	LS		
20	Reservoir 30 and Pump Station - Electrical Conduit and Wiring	1	LS		
21	Reservoir 30 and Pump Station - Electrical Enclosure	1	LS		
22	Reservoir 30 and Pump Station - Electrical Power and Distribution Equipment	1	LS		
23	Reservoir 30 and Pump Station - Lightning Protection System	1	LS		
24	Reservoir 30 and Pump Station - Standby Generator	1	LS		
25	Reservoir 30 and Pump Station - Instrumentation and Control and Programming	1	LS		
26	Reservoir 30 and Pump Station - Chlorination and Sampling Enclosures	1	LS		
27	Reservoir 30 and Pump Station - HVAC System	1	LS		
28	Reservoir 30 and Pump Station - Underdrain Sump Pump, Manhole, Valves, and Air Release	1	LS		
29	Reservoir 30 and Pump Station - Air Gap Structure	1	LS		
30	Connect to Existing 16" PW in Germann Road and 156th Street Roadway Entrance	1	LS		
31	Equip and Pump Test Well 30	1	LS		
32	Well 30 - PTW Basin and Drywell	1	LS		
33	Well 30 - Perimeter Wall	1	LS		
34	Well 30 - On-site and Off-site Landscaping, Landscape Irrigation and Restoration	1	LS		
35	Well 30 - Hardscape including: minor commercial driveway, sidewalk, curb, grading, decomposed granite, rock, riprap, traffic bollards, and reinforced concrete equipment pads	1	LS		

No.	Description	Est. Qty.	Unit	Unit Price	Extended Price
36	Well 30 - Below-Grade Piping and Appurtenances - On-site and Off-site	1	LS		
37	Well 30 - Above-Grade Mechanical Piping and Appurtenances	1	LS		
38	Well 30 - Power	1	LS		
39	Well 30 - Electrical Conduit and Wiring	1	LS		
40	Well 30 - Electrical Power Distribution Equipment	1	LS		
41	Well 30 - Lightning Protection System	1	LS		
42	Well 30 - Instrumentation and Control and Programming	1	LS		
43	Well 30 and Reservoir 30 - Radio Systems	1	LS		
44	Well 30 - Chlorinating Equipment and Enclosure	1	LS		
45	Well 30 - Brush, Clean, and Swab	1	LS		
46	Well 30 - Water Quality Testing	1	LS		
47	Earthwork for Temporary Retention	1	LS		
48	Temporary Piping for Well 29	1	LS		
A1	Reservoir 30 and Pump Station - Sand Lens Removal and Replacement	200	CY		
A2	APPENDIX C Flush Well 30 to GWRP Water Movement Plan Exhibit Allowance 2	30	Day		
A3	SRP Allowance	1	LS	\$25,000	\$25,000

TOTAL BID PRICE (Items 1-48, A1, A2, A3 Inclusive): \$ _____
 (In Numbers)
 _____ Dollars _____ Cents
 (In Words)

GILBERT'S ALLOWANCE AMOUNT: \$750,000.00
 (In Numbers)
Seven Hundred Fifty Thousand Dollars and No Cents
 (In Words)

CONTRACT SUM (total bid price plus GILBERT'S Allowance): \$ _____
 (In Numbers)
 _____ Dollars _____ Cents
 (In Words)

In evaluating Bids, discrepancies in the multiplication of units of work and unit prices will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

Bidders are required to fill in all blank spaces with an entry. Bids submitted with blank spaces may be considered "Non-Responsive".

Quantities shown in this bid schedule are approximate only, and are used for the purpose of bid comparison.

In submitting this Bid, it is understood that the right to reject any and all Bids and to waive irregularities in the Bidding has been reserved by GILBERT.

The undersigned hereby certifies that the information submitted herewith, including any attachment is true to the best of his knowledge and belief.

Dated this _____ day of _____, 20__.

Name of BIDDER (Company)

Address of BIDDER

City, State, Zip Code

Area Code/Telephone Number

Fax Number

Authorized Officer/Title

Authorized Officer Signature

(I) (We), the undersigned (Corporate Secretary) (Partners), hereby certify that the above-named Officer is hereby authorized to execute all documents relative this bid and the administration of this bid for and on behalf of the Company named above.

_____ or
Corporate Secretary (signature)

Partner Signature

Partner Signature