

Addendum No. 2

WELL DRILLING AND CONSTRUCTION FOR AMERICAN FLAT ROAD AREA IPR FEASIBILITY

PWP Bid No.: WA-2018-253
TMWA Capital Project No.: 15-0048
September 11, 2018

The following information, clarifications, changes and modifications are by reference incorporated into the bid documents for the above referenced project. Any work item or contract provision not changed or modified will remain in full force and effect. The bid date and time and construction schedule remain the same.

CLARIFICATION, QUESTIONS AND RESPONSES

CLARIFICATION

Clarification Item No. 1: Please replace Bid Schedule pages 3-7 with Attachment A, entitled: Revised Bid Schedules Dated September 11, 2018.

QUESTIONS AND RESPONSES

Question No. 1: The information currently does not identify the exact locations for the 3 wells within the proposed drilling block. Could you please provide that information?

Response to Question No. 1: Proposed well location map is included as Attachment B. The three wells will be within approximately 200 feet of each other.

Question No. 2: Could you provide the slot size for the 8" SS wire wrap and 4" mild steel screen?

Response to Question No. 2: Yes, slot size shall be 0.06-inch for each well.

Question No. 3: Geophysical logging is an identified charge on the 8" Recharge well, for clarification no logging is required on the 4" monitor wells?

Response to Question No. 3: Geophysical logging is not required on the two 4-inch monitoring wells.

Question No. 4: Could you identify the water source, distance and access for the 3 wells?

Response to Question No. 4: A water source is approximately 2.5 miles from the drilling site. Access to the site will be coordinated with TMWA. Use the attached revised bid schedule in this addendum to provide a quote for trucking water to and from the water source.

Question No. 5: Is conductor required on the wells or at the discretion of the contractor?

Response to Question No. 5: Installing conductors is at the discretion of the contractor.

Question No. 6: It is identified that cuttings are to be spread on location, will the location for spreading be identified to contractor by owner staff onsite?

Response to Question No. 6: Yes, the onsite TMWA representative will identify where to spread cuttings on site.

Question No. 7: Site cleanup is identified, will site prep work be identified on bid schedule?

Response to Question No. 7: Yes, refer to the revised bid schedule included in this addendum to account for site prep work.

Question No. 8: How much dirt work will be allowed? Do we spread the dirt accumulations for site work onsite or hauled off?

Response to Question No. 8: Dirt work is allowed, to the extent to efficiently complete the drilling project. Any dirt accumulated will be kept onsite and blended in with the natural material.

QUESTION CUT-OFF DATE: September 12, 2018

END OF ADDENDUM NO. 2

ATTACHMENT A
REVISED BID SCHEDULES DATED 9/11/18

BID SCHEDULES

PWP #: PWP-WA-2018-253

BID TITLE: Well Drilling and Construction for American Flat Road Area IPR Feasibility Study

NOTICE: No substitution or revision to this Bid Schedule form will be accepted. Truckee Meadows Water Authority will reject any Bid that is received that has changes or alterations to this document. Although the Prevailing Wages are provided in this bid document, the bidder is responsible to verify with the Labor Commissioner if any addendums have been issued. If different, the successful bidder will be required to provide the current Prevailing Wages used in preparation of their bid within 24 hours of bid submission.

PRICES must be valid for 30 calendar days after the bid opening.

A COPY OF THE "CERTIFICATE" of eligibility to receive a preference in bidding on public works issued to him/her by the State Contractors' Board and (if claiming Locals Preference) the Local's Preference Affidavit (provided above) must be submitted with his/her bid to the Contracts Division for the preference to be considered. These Statutes do not apply to projects expected to cost less than \$250,000.

COMPLETION of this project is expected **PURSUANT TO CONTRACT DOCUMENTS**.

BIDDER acknowledges receipt of _____ Addendums.

Item pricing on this schedule is for use in preparing the schedule of values that will be used as a basis for partial payment during construction and for internal TMWA use. Item descriptions are not intended to be all inclusive. Bidders shall include costs for work not specifically mentioned in the most appropriate item.

Refer to Article 7 of the General Conditions for a list of items that may be included in the mobilization bid item. TMWA reserves the right to perform extra work using time and expense or negotiated lump sum procedures.

The Contract Sum will be adjusted (increased or decreased) for actual quantities per unit price items. Lump sum items will not be adjusted.

Compliance with all permit and environmental requirements is incidental to the Work. No separate bid item, or additional payment provisions, shall be made for operational constraints or conditions placed on the Work by permitting agency requirements.

(signature)

REVISED BID SCHEDULES DATED SEPTEMBER 11, 2018
(Cont)

SUMMARY

Description	Scheduled Value	Unit	Unit Price	Total Price
IPR Feasibility Study - 1215 American Flat Road 8-Inch Recharge Well				
1. Mobilization of drill rig and crews	1	ea		
2. Drill and install 16" x 50' conductor	50	ft		
3. Drill 14.75" borehole with mud rotary	470	ft		
4. Borehole geophysical logs	1	ea		
5. Furnish and install 242' of 8" x 0.250" mild steel blank casing	242	ft		
6. Furnish and install 260' stainless steel wire wrap screen	260	ft		
7. Furnish and install 10' of 8" x 0.250" stainless steel blank casing	10	ft		
8. Furnish and install 8" dissimilar adapter between well screen and blank casing	1	ea		
9. Furnish and install gravel pack between 14.75" borehole and 8" well screen	10	yds3		
10. Furnish and install cement surface seal between 14.75" borehole and 8" blank casing	7	yds3		
11. Air develop well	26	hrs		

REVISED BID SCHEDULES DATED SEPTEMBER 11, 2018
(Cont)

Description	Scheduled Value	Unit	Unit Price	Total Price
12. Locking well lid	1	ea		
13. Bit charge	1	ea		
14. Site clean up	1	ea		
15. Install and remove 500 gpm test pump to 360 feet below ground	360	ft		
16. Test pump well - 400 minute step test and 24-hour constant rate discharge test	31	hrs		
17. Install bollards for wellhead protection	1	ea		
18. Haul water approximately five miles round-trip for drilling purposes	1	ea		
19. Site preparation for the well site. <i>Wells are located approximately within 200 feet of each other</i>	1	ea		
SUB-TOTAL - IPR Feasibility Study - 1215 American Flat Road 8-Inch Recharge Well				
IPR Feasibility Study - 1215 American Flat Road Two (2) 4-Inch Monitoring Wells`				
1. Mobilization of drill rig and crews	2	ea		
2. Drill and install two 12" x 20' conductors (0'-20' each)	40	ft		

REVISED BID SCHEDULES DATED SEPTEMBER 11, 2018
(Cont)

Description	Scheduled Value	Unit	Unit Price	Total Price
3. Drill two 10" boreholes with mud rotary (20'-520' each)	1000	ft		
4. Furnish and install 252' of 4" x 0.250" mild steel blank casing in each monitoring well (+2'-240', 500'-510')	504	ft		
5. Furnish and install 260' of 4" x 0.250" mild steel factory slot screen in each monitoring well (240'-500')	520	ft		
6. Furnish and install gravel pack between the 4" screen and 10" borehole in each monitoring well (200'-510'). Add 5' bentonite plug above the gravel pack (195'-200').	12	yds3		
7. Furnish and install cement surface seal between the 4" blank casing and 10" boreholes in each well (0'-195').	8	yds3		
8. Air develop each well (10 hrs per monitoring well)	20	hrs		
9. Locking well lid	2	ea		
10. Install bollards for wellhead protection	2	ea		
11. Bit charge	1	ea		
12. Site clean up	1	ea		
13. Haul water approximately five miles round-trip for drilling purposes	1	ea		
SUB-Total - IPR Feasibility Study - 1215 American Flat Road Two (2) 4-Inch Monitoring Wells				

REVISED BID SCHEDULES DATED SEPTEMBER 11, 2018
(Cont)

Description	Scheduled Value	Unit	Unit Price	Total Price
TOTAL COMBINED BID PRICE FOR: <ul style="list-style-type: none"> • 8-Inch Recharge Well, and • Two (2) 4-Inch Monitoring Wells 				

Total Bid Price Written in Words: _____

Notes:

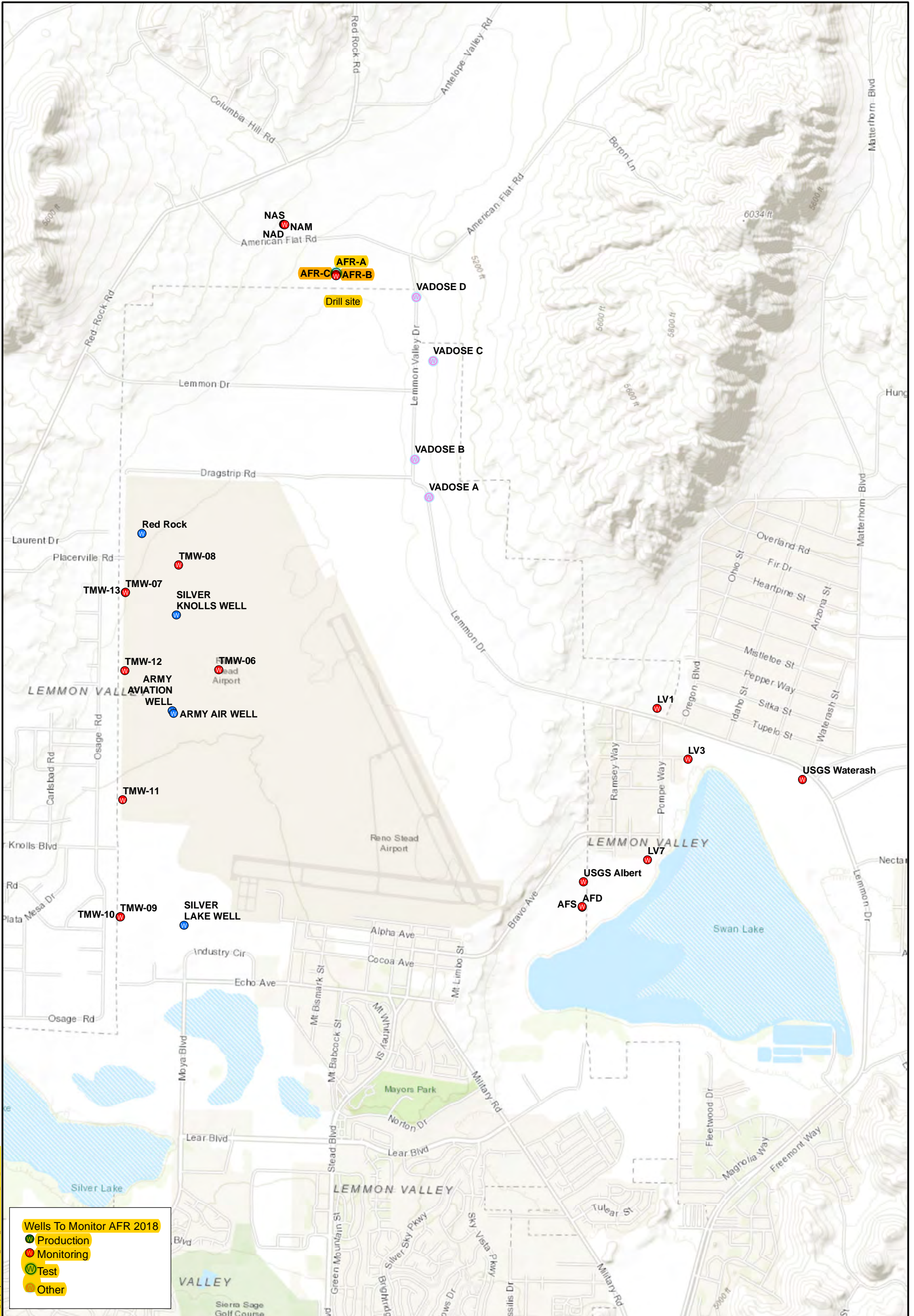
1. Payment for additional work will only be made if approved by the TMWA and performed by the Contractor. Depending upon the amount of work authorized and completed at the close of the Contract, the bid amount may be entirely or partially used.

2. All drill sites are on the same parcel. Drilling will begin with the larger diameter well followed by the smaller diameter wells.

3. Cuttings to stay on site and smoothed out to blend in with existing surface materials.

4. The bid schedule table includes estimates for the drilling/constructing both of the smaller four-inch (4) diameter wells. Where appropriate, the bid schedule has total quantities for both of the smaller four-inch (4) diameter wells. Each smaller diameter well will be constructed to a depth of approximately 500 feet below ground surface.

ATTACHMENT B
PROPOSED WELL LOCATION MAP (3 Wells)



Wells To Monitor AFR 2018

- Production
- Monitoring
- Test
- Other



WELLS TO MONITOR - AFR
Lemmon Valley 2018

DATE	9/5/2018
MAP BY:	JAK
REQUESTED BY:	RVH
SCALE:	0 1,000 2,000 Feet

NORTH

NAD 83 NEVADA STATE PLANE WEST FEET

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