

Bid Tabulation Report - ASR MONITORING WELL DRILLING

TMWA BID NO.: 2019-002

Bids Opened: September 11, 2018

	Bidder No. 1		Bidder No. 2		Bidder No. 3			
	Bruce MacKay Pump & Well Service, Inc		Stonehouse Drilling & Construction, LLC		Hydro Resources - West, Inc.			
	Five (5) Percent Cashier's Check		Yes		Yes			
Bidder Acknowledges Receipt of Addendums	Yes		Yes		Yes			
Affadivit of Preferential Bidders Status / Bidder's Preference Certificate	N/A <\$250,000		N/A <\$250,000		N/A <\$250,000			
Description	Scheduled Value	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
STMGID 11 Monitoring Well A - Zolezzi Lane - APN: 049-281-02 - WASHOE COUNTY, NV 89510								
1. All necessary permitting	1	ea	\$500.00	\$500.00	\$1,800.00	\$1,800.00	\$250.00	\$250.00
2. Mobilization of drill rig and crews	1	ea	\$5,000.00	\$5,000.00	\$6,250.00	\$6,250.00	\$4,500.00	\$4,500.00
3. Site preparation: clear site for a suitable drill pad maintaining minimal disturbance to the existing area	1	ea	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00
4. Travel to and from water source within one mile of drill site: this water source will only be used to fill contractor's water storage device that will be used during the drilling/construction	1	ea	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
5. Drill and install one 12" x 20' conductors (0'-20' each)	20	ft	\$70.00	\$1,400.00	\$85.00	\$1,700.00	\$125.00	\$2,500.00
6. Drill one 10" borehole with method that complies with the Technical Specifications given specific site conditions (20'-430' each); includes 10' for sump	400	ft	\$45.00	\$18,000.00	\$42.00	\$16,800.00	\$35.00	\$14,000.00
7. Furnish and install 400' of 4" x 0.237" mild steel blank casing (0'-400')	380	ft	\$23.53	\$8,941.40	\$21.00	\$7,980.00	\$24.50	\$9,310.00
8. Furnish and install 20' of 4" x 0.237", 0.06" slot size, mild steel factory mill slot perforated casing (400'-420')	20	ft	\$29.50	\$590.00	\$33.00	\$660.00	\$26.00	\$520.00
9. Furnish and install 30' of gravel pack (gravel size compatible with screen slot size) between the 4" screen and 10" borehole (390'-420'). Add 2' bentonite plug above the gravel pack.	1	cubic yards	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$720.00	\$720.00
<i>** 9. Furnish and install 30' of gravel pack (gravel size compatible with screen slot size) between the 4" screen and 10" borehole (390'-420'). Add 2' bentonite plug above the gravel pack.</i>	1	cubic yards			\$1,000.00	\$1,000.00		
10. Furnish and install 388' cement surface seal between the 4" blank casing and 10" borehole (0'-388')	7	cubic yards	\$950.00	\$6,650.00	\$500.00	\$3,500.00	\$1,385.00	\$9,695.00
11. Air develop each well (at least 8 hours): discharge into nearest storm drain (approximately 500' away)	8	hrs	\$375.00	\$3,000.00	\$550.00	\$4,400.00	\$425.00	\$3,400.00
12. Furnish a locking well lid	1	ea	\$150.00	\$150.00	\$500.00	\$500.00	\$75.00	\$75.00
13. Furnish and install a flush-mount well vault so that the well cover and associated concrete collar is capable of supporting vehicular travel, provide drainage away from well cover, and prevent water and debris from entry	1	ea	\$2,500.00	\$2,500.00	\$2,200.00	\$2,200.00	\$1,500.00	\$1,500.00
14. Remove approximately 9.5 cubic yards of cuttings and waste from site and deliver to the TMWA Glendale Treatment Plant approximately 9 miles away from drill site	1	ea	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$750.00	\$750.00
15. Geophysical logging: contractor is responsible for providing standard water well geophysical logs conducted by an Owner-approved, commercial logging services sub-contractor	1	ea	\$5,000.00	\$5,000.00	\$2,850.00	\$2,850.00	\$4,000.00	\$4,000.00
16. Site clean up	1	ea	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
Subtotal - STMGID 11 Monitoring Well A				\$59,231.40		\$57,340.00		\$64,220.00
Arrowcreek 2 Monitoring Well A - West Arrowcreek Parkway - APN: 152-021-03 WASHOE COUNTY, NV 89511								
1. All necessary permitting	1	ea	\$500.00	\$500.00	\$1,800.00	\$1,800.00	\$250.00	\$250.00
2. Mobilization of drill rig and crews	1	ea	\$5,000.00	\$5,000.00	\$6,250.00	\$6,250.00	\$8,500.00	\$8,500.00
3. Site preparation: clear site for a suitable drill pad maintaining minimal disturbance to the existing area	1	ea	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$12,500.00	\$12,500.00
4. Travel to and from water source within one mile of drill site: this water source will only be used to fill contractor's water storage device that will be used during the drilling/construction	1	ea	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
5. Drill and install one 12" x 20' conductors (0'-20' each)	20	ft	\$70.00	\$1,400.00	\$85.00	\$1,700.00	\$125.00	\$2,500.00
6. Drill one 10" boreholes with method that complies with the Technical Specifications given specific site conditions (20'-310' each); includes 10' sump	280	ft	\$45.00	\$12,600.00	\$42.00	\$11,760.00	\$35.00	\$9,800.00
<i>** 7. Furnish and install 260' of 4" x 0.237" mild steel blank casing in each monitoring well (0'-260')</i>	240	ft	\$23.53	\$5,647.20	\$210.00	\$50,400.00	\$24.50	\$5,880.00
8. Furnish and install 40' of 4" x 0.237", 0.06" slot size, mild steel factory mill slot perforated casing (260'-300')	40	ft	\$29.50	\$1,180.00	\$33.00	\$1,320.00	\$26.00	\$1,040.00
9. Furnish and install 50' of gravel pack (gravel size compatible with screen slot size) between the 4" screen and 10" borehole in each monitoring well (250'-300'). Add 2' bentonite plug above the gravel pack.	1	cubic yards	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$960.00	\$960.00
10. Furnish and install 248' cement surface seal between the 4" blank casing and 10" boreholes in each well (0'-248').	4.5	cubic yards	\$950.00	\$4,275.00	\$500.00	\$2,250.00	\$1,380.00	\$6,210.00
11. Air develop each well (8 hours): discharge into nearest storm drain (approximately 70' away)	8	hrs	\$375.00	\$3,000.00	\$550.00	\$4,400.00	\$425.00	\$3,400.00

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12.Locking well lid	1	ea	\$150.00	\$150.00	\$500.00	\$500.00	\$75.00	\$75.00
13. Furnish and install a flush-mount well vault so that the well cover and associated concrete collar is capable of supporting vehicular travel, provide drainage away from well cover, and prevent water and debris from entry	1	ea	\$2,500.00	\$2,500.00	\$2,200.00	\$2,200.00	\$1,500.00	\$1,500.00
14. Remove approximately 7.0 cubic yards of cuttings and waste from site and deliver to TMWA Glendale Treatment Plant approximately 13.5 miles away from drill site	1	ea	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$750.00	\$750.00
15. Geophysical logging: contractor is responsible for providing standard water well geophysical logs conducted by an Owner-approved, commercial logging services sub-contractor	1	ea	\$5,000.00	\$5,000.00	\$2,850.00	\$2,850.00	\$3,250.00	\$3,250.00
16. Site clean up	1	ea	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
Subtotal - Arrowcreek 2 Monitoring Well A - West Arrowcreek Parkway				\$48,752.20		\$93,130.00	\$3,250.00	\$59,615.00
Tessa East 2 Monitoring Well A - Napoleon Drive -WASHOE COUNTY, NV 89511								
1. All necessary permitting	1	ea	\$500.00	\$500.00	\$1,800.00	\$1,800.00	\$250.00	\$250.00
2. Mobilization of drill rig and crews	1	ea	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
3. Site preparation: any necessary preparation required to drill in the street	1	ea	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
4. Travel to and from water source within one mile of drill site: this water source will only be used to fill contractor's water storage device that will be used during the drilling/constriction	1	ea	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
5. Drill and install one 12" x 20' conductors (0'-20' each)	20	ft	\$70.00	\$1,400.00	\$185.00	\$3,700.00	\$125.00	\$2,500.00
6. Drill one 10" borehole with method that complies with the Technical Specifications given specific site conditions (20'-490' each); includes 10' for sump	460	ft	\$45.00	\$20,700.00	\$60.00	\$27,600.00	\$35.00	\$16,100.00
7. Furnish and install 440' of 4" x 0.237" mild steel blank casing (0'-440')	420	ft	\$23.53	\$9,882.60	\$21.00	\$8,820.00	\$24.50	\$10,290.00
8. Furnish and install 40' of 4" x 0.237", 0.06" slot size, mild steel factory mill slot perforated casing (440'-480')	40	ft	\$29.50	\$1,180.00	\$33.00	\$1,320.00	\$26.00	\$1,040.00
9. Furnish and install 50' of gravel pack (gravel size compatible with screen slot size) between the 4" screen and 10" borehole in each monitoring well (430-480'). Add 2' bentonite plug above the gravel pack.	1	yds3	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00
10. Furnish and install 428' cement surface seal between the 4" blank casing and 10" (0'-428').	8	yds3	\$950.00	\$7,600.00	\$500.00	\$4,000.00	\$1,255.00	\$10,040.00
11. Air develop each well (8 hrs per monitoring well): discharge into nearest storm drain approximately 200' away.	8	hrs	\$375.00	\$3,000.00	\$550.00	\$4,400.00	\$425.00	\$3,400.00
12. Locking well lid	1	ea	\$150.00	\$150.00	\$500.00	\$500.00	\$75.00	\$75.00
13. Furnish and install a flush-mount well vault so that the well cover and associated concrete collar is capable of supporting vehicular travel, flush with roadway, and prevent water and debris from entry	1	ea	\$5,500.00	\$5,500.00	\$4,200.00	\$4,200.00	\$1,500.00	\$1,500.00
14. Furnish traffic support	1	ea	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$3,500.00	\$3,500.00
15. Remove approximately 10 cubic yards of cuttings and waste from site and deliver to TMWA Glendale Treatment Plant approximately 14.5 miles away from drill site	1	ea	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00	\$750.00	\$750.00
16. Geophysical logging: contractor is responsible for providing standard water well geophysical logs conducted by an Owner-approved, commercial logging services sub-contractor	1	ea	\$5,000.00	\$5,000.00	\$2,850.00	\$2,850.00	\$4,000.00	\$4,000.00
17. Site clean up	1	ea	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
Subtotal - Tessa East 2 Monitoring Well				\$76,412.60		\$84,990.00		\$67,645.00
Total Bid Price				\$184,396.20		\$235,460.00		\$191,480.00
Total Bid Price Written in Words? y/n				Yes		Yes		Yes
Bidder Information Provided				Yes		Yes		Yes
Licensing Information Provided				Yes		Yes		Yes
Disclosure of Principals Provided				Yes		Yes		Yes
Referenced Provided				Yes		Yes		Yes
Debarment & Safety Information Provided				Yes		Yes		Yes
Subcontractors Listed / Self Listed				Yes		Yes		Yes
Proposal Summary Executed				Yes		Yes		Yes

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<p>DISCREPANCIES:</p> <p>**STMGID 11 Monitoring Well A Bid Schedule Item #9 - Duplicate Entry by Bidder #2 for Additional \$1,000 listed and Included in the Bidder #2's Subtotal Calculation of \$57,430</p> <p>**Arrowcreek 2 Monitoring Well A Bid Schedule Item #7 - Clerical Error by Bidder #2 Entered a \$210 Unit Price for Bid Schedule Item No. 7 and a Total Price of \$5,040 with a Subtotal Calculation of \$47,770</p> <p>Arrowcreek 2 Monitoring Well A Bid Schedule Item #7 - TMWA's Calculation Based Upon a \$210 Unit Price Resulted in a Total Price of \$50,400 and a Subtotal Calculation of \$93,130. The Subtotal Difference between Bidder #2 and TMWA is \$45,360</p>						