

BID TABULATION

Project No. WS90100098-1 _____ - Title: 91st AVENUE WWTP SLUDGE SOLAR DRYING BEDS

Bid Date: 3/6/2018

Project Manager: Andrew Baumgardner

				Engineers Estimate		QUEST CIVIL CONTRACTORS		HUNTER CONTRACTING		M.A. MORTENSON COMPANY		REDPOINT CONTRACTING		ARCHER WESTERN CONSTRUCTION	
BID ITEM	Description	Unit	Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	Mobilization / Demobilization	LS	1	\$201,250.00	\$201,250.00	\$318,776.00	\$318,776.00	\$432,500.00	\$432,500.00	\$400,000.00	\$400,000.00	\$210,000.00	\$210,000.00	\$251,138.20	\$251,138.20
2	Drying Bed 57 Clearing and Grubbing	LS	1	\$28,980.00	\$28,980.00	\$70,000.00	\$70,000.00	\$29,900.00	\$29,900.00	\$390,000.00	\$390,000.00	\$77,300.00	\$77,300.00	\$70,000.00	\$70,000.00
3	Drying Bed 57 Concrete Box Demolition	EA	12	\$3,450.00	\$41,400.00	\$2,500.00	\$30,000.00	\$856.00	\$10,272.00	\$3,600.00	\$43,200.00	\$3,890.00	\$46,680.00	\$790.00	\$9,480.00
4	Excess Material and Old Equipment Hauling and Disposal	LS	1	\$57,500.00	\$57,500.00	\$18,000.00	\$18,000.00	\$309,800.00	\$309,800.00	\$350,000.00	\$350,000.00	\$262,100.00	\$262,100.00	\$979,235.58	\$979,235.58
5	Drying Bed 57 Excavation (Including Existing Levee)	CY	55400	\$12.65	\$700,810.00	\$13.00	\$720,200.00	\$500.00	\$277,000.00	\$3.25	\$180,050.00	\$9.20	\$509,680.00	\$8.00	\$443,200.00
6	Drying Bed 57 Fill - Screened Native (Including New Levee)	CY	18600	\$21.85	\$406,410.00	\$14.00	\$260,400.00	\$3.90	\$72,540.00	\$8.00	\$148,800.00	\$13.00	\$241,800.00	\$5.10	\$94,860.00
7	Drying Bed 57 Engineered Fill (Including New Levee)	CY	11500	\$49.45	\$568,675.00	\$0.01	\$115.00	\$16.00	\$184,000.00	\$10.00	\$115,000.00	\$45.00	\$517,500.00	\$4.50	\$51,750.00
8	Drying Bed 57 Paving (Bed Only)	TON	19500	\$77.05	\$1,502,475.00	\$68.00	\$1,326,000.00	\$78.90	\$1,538,550.00	\$78.00	\$1,521,000.00	\$75.00	\$1,462,500.00	\$90.00	\$1,755,000.00
9	Access Road Subbase Preparation (Including Top of Levee)	SQ. FT.	86400	\$0.92	\$79,488.00	\$1.00	\$86,400.00	\$0.50	\$43,200.00	\$0.23	\$19,872.00	\$2.00	\$172,800.00	\$0.70	\$60,480.00
10	Drying Bed 57 Decant Boxes Complete, Including Concrete, Handrailing and Grating, and Weir Gate	EA	4	\$28,175.00	\$112,700.00	\$32,000.00	\$128,000.00	\$45,900.00	\$183,600.00	\$48,000.00	\$192,000.00	\$57,370.00	\$229,480.00	\$66,000.00	\$264,000.00
11	12" Decant Pipe, Including Materials and Installation	LF	730	\$43.70	\$31,901.00	\$70.00	\$51,100.00	\$61.30	\$44,749.00	\$45.00	\$32,850.00	\$46.00	\$33,580.00	\$140.00	\$102,200.00
12	15" Decant Pipe, Including Materials and Installation	LF	1870	\$52.90	\$98,923.00	\$100.00	\$187,000.00	\$62.10	\$116,127.00	\$52.00	\$97,240.00	\$58.00	\$108,460.00	\$150.00	\$280,500.00
13	Manholes, Including Materials and Installation	EA	11	\$8,395.00	\$92,345.00	\$6,500.00	\$71,500.00	\$5,025.00	\$55,275.00	\$8,800.00	\$96,800.00	\$6,800.00	\$74,800.00	\$7,800.00	\$85,800.00
14	Allowance for Extra Work	AL	1	\$375,000.00	\$375,000.00	\$375,000.00	\$375,000.00	\$375,000.00	\$375,000.00	\$375,000.00	\$375,000.00	\$375,000.00	\$375,000.00	\$375,000.00	\$375,000.00
BASE BID (ITEMS 1 THROUGH 14 - INCLUSIVE)				TOTAL	\$4,297,857.00		\$3,642,491.00		\$3,672,513.00		\$3,961,812.00		\$4,321,680.00		\$4,822,643.78
ALTERNATE A - Drying Bed 31					\$695,807.25		\$548,376.00		\$644,255.00		\$726,200.00		\$651,575.00		\$692,030.00
ALTERNATE B - Decant Pump Station No. 2					\$266,363.00		\$312,600.00		\$429,136.00		\$516,700.00		\$466,216.00		\$391,654.93
ALTERNATE C - Access Roads					\$315,905.00		\$278,800.00		\$307,090.00		\$360,495.00		\$311,600.00		\$360,800.00
ALTERNATE D - Access Roads Fill					\$98,900.00		\$20.00		\$6,400.00		\$180,872.00		\$110,000.00		\$70,000.00
					\$5,674,832.25										
							\$4,782,287.00		\$5,059,394.00		\$5,746,079.00		\$5,861,071.00		\$6,337,128.71
BASE BID + Accepted Alternates B and C					\$4,880,125.00		\$4,233,891.00		\$4,408,739.00		\$4,839,007.00		\$5,099,496.00		\$5,575,098.71

ALTERNATE A - DRYING BED 31 - BID ITEM	Description	Unit	Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
A1	Drying Bed 31 Clearing and Grubbing	LS	1	\$6,440.00	\$6,440.00	\$56,000.00	\$56,000.00	\$7,800.00	\$7,800.00	\$105,000.00	\$105,000.00	\$12,100.00	\$12,100.00	\$16,000.00	\$16,000.00
A2	Drying Bed 31 Concrete Box Demolition	EA	1	\$3,450.00	\$3,450.00	\$2,200.00	\$2,200.00	\$900.00	\$900.00	\$15,000.00	\$15,000.00	\$6,190.00	\$6,190.00	\$700.00	\$700.00
A3	Drying Bed 31 Excess Material Hauling and Disposal	LS	1	\$20,700.00	\$20,700.00	\$300.00	\$300.00	\$55,900.00	\$55,900.00	\$57,000.00	\$57,000.00	\$76,500.00	\$76,500.00	\$100,000.00	\$100,000.00
A4	Drying Bed 31 Excavation	CY	8200	\$12.65	\$103,730.00	\$13.00	\$106,600.00	\$6.50	\$53,300.00	\$4.39	\$36,000.00	\$2.30	\$18,860.00	\$6.90	\$56,580.00
A5	Drying Bed 31 Fill - Screened Native	CY	2400	\$21.85	\$52,440.00	\$14.00	\$33,600.00	\$19.30	\$46,320.00	\$9.00	\$21,600.00	\$7.40	\$17,760.00	\$8.00	\$19,200.00
A6	Drying Bed 31 Engineered Fill	CY	2600	\$49.45	\$128,570.00	\$0.01	\$26.00	\$16.00	\$41,600.00	\$10.50	\$27,300.00	\$39.00	\$101,400.00	\$4.00	\$10,400.00
A7	Drying Bed 31 Paving	TON	4300	\$77.05	\$331,315.00	\$68.00	\$292,400.00	\$80.70	\$347,010.00	\$81.00	\$348,300.00	\$80.00	\$344,000.00	\$87.00	\$374,100.00
A8	Drying Bed 31 Decant Box Complete, Including Concrete, Handrailing and Grating, and Weir Gate	EA	1	\$28,175.00	\$28,175.00	\$32,000.00	\$32,000.00	\$68,800.00	\$68,800.00	\$7,500.00	\$75,000.00	\$57,100.00	\$57,100.00	\$66,000.00	\$66,000.00
A9	Drying Bed 31 12" Decant Pipe, Including Materials and Installation	LF	275	\$45.79	\$12,592.25	\$70.00	\$19,250.00	\$59.00	\$16,225.00	\$94.55	\$26,000.00	\$43.00	\$11,825.00	\$150.00	\$41,250.00
A10	Manholes, Including Materials and Installation	EA	1	\$8,395.00	\$8,395.00	\$6,000.00	\$6,000.00	\$6,400.00	\$6,400.00	\$15,000.00	\$15,000.00	\$5,840.00	\$5,840.00	\$7,800.00	\$7,800.00
ALTERNATE A - Drying Bed 31 TOTAL				TOTAL	\$695,807.25		\$548,376.00		\$644,255.00		\$726,200.00		\$651,575.00		\$692,030.00

ALTERNATE B - DECANT PUMP STATION 2 -BID ITEM	Description	Unit	Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
B1	Demolition of Existing Pumps, Valves and Piping	LS	1	\$28,750.00	\$28,750.00	\$38,500.00	\$38,500.00	\$24,500.00	\$24,500.00	\$50,000.00	\$50,000.00	\$40,800.00	\$40,800.00	\$15,000.00	\$15,000.00
B2	15 HP Pump, Installed	EA	1	\$31,050.00	\$31,050.00	\$26,900.00	\$26,900.00	\$30,300.00	\$30,300.00	\$30,000.00	\$30,000.00	\$44,660.00	\$44,660.00	\$30,000.00	\$30,000.00
B3	3 HP Pumps, Installed	EA	2	\$19,550.00	\$39,100.00	\$13,500.00	\$27,000.00	\$15,000.00	\$30,000.00	\$15,000.00	\$30,000.00	\$28,350.00	\$56,700.00	\$16,000.00	\$32,000.00
B4	Sump Pumps, Installed	EA	2	\$2,875.00	\$5,750.00	\$18,500.00	\$37,000.00	\$19,700.00	\$39,400.00	\$19,000.00	\$38,000.00	\$34,250.00	\$68,500.00	\$20,000.00	\$40,000.00
B5	12-inch Diameter DIP Above Grade	LF	50	\$172.50	\$8,625.00	\$400.00	\$20,000.00	\$968.00	\$48,400.00	\$1,500.00	\$75,000.00	\$796.00	\$39,800.00	\$1,000.00	\$50,000.00
B6	Two (2) New 12-inch Connections to 72" SRO	LS	1	\$5,750.00	\$5,750.00	\$12,500.00	\$12,500.00	\$8,000.00	\$8,000.00	\$25,000.00	\$25,000.00	\$23,600.00	\$23,600.00	\$18,000.00	\$18,000.00
B7	New Exhaust Fan	EA	1	\$6,555.00	\$6,555.00	\$3,200.00	\$3,200.00	\$11,100.00	\$11,100.00	\$12,000.00	\$12,000.00	\$610.00	\$610.00	\$13,000.00	\$13,000.00
B8	3-inch Diameter DIP in Drywell	LF	16	\$80.50	\$1,288.00	\$275.00	\$4,400.00	\$1,023.00	\$16,368.00	\$1,000.00	\$16,000.00	\$1,408.00	\$22,528.00	\$1,000.00	\$16,000.00
B9	4-inch Diameter DIP in Drywell	LF	12	\$92.00	\$1,104.00	\$550.00	\$6,600.00	\$898.00	\$10,776.00	\$600.00	\$7,200.00	\$1,116.00	\$13,392.00	\$700.00	\$8,400.00
B10	6-inch Diameter DIP in Drywell	LF	16	\$103.50	\$1,656.00	\$300.00	\$4,800.00	\$962.00	\$15,392.00	\$625.00	\$10,000.00	\$871.00	\$13,936.00	\$650.00	\$10,400.00
B11	Reclaimed Water Piping for Flush Water	LS	1	\$2,300.00	\$2,300.00	\$12,500.00	\$12,500.00	\$3,500.00	\$3,500.00	\$20,000.00	\$20,000.00	\$8,400.00	\$8,400.00	\$650.00	\$650.00
B12	3-inch Diameter Plug Valves	EA	2	\$2,300.00	\$4,600.00	\$600.00	\$1,200.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,630.00	\$3,260.00	\$950.00	\$1,900.00
B13	4-inch Diameter Plug Valves	EA	2	\$2,875.00	\$5,750.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$1,250.00	\$2,500.00	\$1,460.00	\$2,920.00	\$750.00	\$1,500.00
B14	6-inch Diameter Plug Valves	EA	2	\$3,450.00	\$6,900.00	\$750.00	\$1,500.00	\$1,700.00	\$3,400.00	\$1,500.00	\$3,000.00	\$1,800.00	\$3,600.00	\$1,100.00	\$2,200.00
B15	12-inch Diameter Plug Valves	EA	8	\$5,175.00	\$41,400.00	\$3,700.00	\$29,600.00	\$3,500.00	\$28,000.00	\$2,500.00	\$20,000.00	\$3,390.00	\$27,120.00	\$2,900.00	\$23,200.00
B16	3-inch Check Valve	EA	2	\$1,725.00	\$3,450.00	\$1,500.00	\$3,000.00	\$1,400.00	\$2,800.00	\$1,250.00	\$2,500.00	\$3,000.00	\$6,000.00	\$1,300.00	\$2,600.00
B17	6-inch Check Valve	EA	1	\$2,875.00	\$2,875.00	\$2,100.00	\$2,100.00	\$2,300.00	\$2,300.00	\$1,500.00	\$1,500.00	\$3,850.00	\$3,850.00	\$1,700.00	\$1,700.00
B18	Paint Electrical Building	EA	1	\$5,175.00	\$5,175.00	\$21,300.00	\$21,300.00	\$21,400.00	\$21,400.00	\$10,000.00	\$10,000.00	\$9,500.00	\$9,500.00	\$28,000.00	\$28,000.00
B19	12" Flowmeter, Installed	EA	1	\$13,800.00	\$13,800.00	\$9,500.00	\$9,500.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$10,540.00	\$10,540.00	\$180.00	\$180.00
B20	Electrical and Instrumentation Components, Installed	EA	1	\$50,485.00	\$50,485.00	\$50,000.00	\$50,000.00	\$117,500.00	\$117,500.00	\$150,000.00	\$150,000.00	\$66,500.00	\$66,500.00	\$96,924.93	\$96,924.93
ALTERNATE B - Decant Pump Station No. 2 TOTAL				TOTAL	\$266,363.00		\$312,600.00		\$429,136.00		\$516,700.00		\$466,216.00		\$391,654.93

ALTERNATE C - ACCESS ROAD - BID ITEM	Description	Unit	Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
C1	Access Road Paving (Including Top of Levee)	TON	4100	\$77.05	\$315,905.00	\$68.00	\$278,800.00	\$74.90	\$307,090.00	\$87.93	\$360,495.00	\$76.00	\$311,600.00	\$88.00	\$360,800.00
ALTERNATE C - Access Roads TOTAL					TOTAL	\$315,905.00		\$278,800.00		\$307,090.00		\$360,495.00		\$311,600.00	\$360,800.00
ALTERNATE D - ACCESS ROAD FILL (IF ALT C NOT SELECTED) - BID ITEM	Description	Unit	Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
D1	Access Roads Engineered Fill in Lieu of 7.5" AC Pavement	CY	2000	\$49.45	\$98,900.00	\$0.01	\$20.00	\$3.20	\$6,400.00	\$90.44	\$180,872.00	\$55.00	\$110,000.00	\$35.00	\$70,000.00
ALTERNATE D - Access Roads Fill TOTAL					TOTAL	\$98,900.00		\$20.00		\$6,400.00		\$180,872.00		\$110,000.00	\$70,000.00

