

AGENDA REPORT

CITY OF ALAMOGORDO

CITY COMMISSION

Meeting Date: 06/12/2018

Report Date: 06/06/2018

Report No: 15.

Submitted By: Bob Johnson

Subject: Consider, and act upon, award of Public Works Bid. No. 2018-003 to General Hydronics Concrete, LLC, related to the Griggs Reservoir Outfall Structure Modifications and Storm Drain Improvements project, in an amount not to exceed \$1,389,214.13, including NMGRT. (*Bob Johnson, Engineering Manager*)

Fiscal Impact: \$1,389,214.13

Amount Budgeted: \$2,224,130.00

Fund: 044-9799-990.68-99 PW1702 and PW1810

Additional Fiscal Impact:

Recommendation: Approve the award.

Background: The work will consist of earthwork, construction of a new storm drain system, and construction of a new spillway and riser outlet.

The project was advertised on April 29, 2018. Bids were opened at 2:00 p.m. on June 6, 2018 with six (6) bids received:

Please refer to the attached bid tabulation.

The project is funded by two (2) federal grants -

1. Economic Development Administration: \$800,000 plus City match of \$200,000
2. U.S. Army Corps of Engineers: \$975,000 plus City match of \$325,000

BID TABULATION
GRIGGS RESERVOIR OUTFALL STRUCTURE MODIFICATIONS AND STORM DRAIN IMPROVEMENTS
 PUBLIC WORKS BID NO. 2018-003
 EDA AWARD NO. 08-79-05104
 June 6, 2018

ITEM NO.	QTY	UNIT	DESCRIPTION	Engineer's Opinion of Probable Construction Cost		General Hydraulics Concrete LLC		Hank Williams, Inc.		J&H Service, Inc.	
				UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT
1	1	LS	Mobilization	\$65,000.00	\$65,000.00	\$105,500.00	\$105,500.00	\$60,500.00	\$60,500.00	\$45,000.00	\$45,000.00
2	1	SF	Clearing and Grubbing	\$5,000.00	\$5,000.00	\$29,500.00	\$29,500.00	\$31,020.00	\$31,020.00	\$45,000.00	\$45,000.00
3	1	SF	Project Removals	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00	\$49,324.00	\$49,324.00	\$18,598.00	\$18,598.00
4	1	LS	Stormwater Pollution Prevention Plan (SWPPP)	\$8,000.00	\$8,000.00	\$4,400.00	\$4,400.00	\$9,240.00	\$9,240.00	\$5,500.00	\$5,500.00
5	1	CY	Traffic Control Management	\$5,000.00	\$5,000.00	\$7,300.00	\$7,300.00	\$13,915.00	\$13,915.00	\$15,000.00	\$15,000.00
6	1	CY	Construction Staking and Surveying	\$30,000.00	\$30,000.00	\$34,000.00	\$34,000.00	\$16,390.00	\$16,390.00	\$25,000.00	\$25,000.00
7	1	AL	Utility Allowance	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
8	1	AL	Diversion and Care of Storm Water	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
9	35000	CY	Unclassified Excavation	\$7.50	\$262,500.00	\$4.88	\$170,800.00	\$3.90	\$136,500.00	\$3.20	\$112,000.00
10	4200	CY	Engineered Fill/Owner Provided Borrow	\$15.00	\$63,000.00	\$5.12	\$21,504.00	\$4.28	\$17,976.00	\$4.50	\$18,900.00
11	390	SY	4" HMA SP-IV PG 64-22 Complete (Includes Sugrade Prep, Base Course, and Prime Coat, CIP)	\$46.50	\$18,135.00	\$64.30	\$25,077.00	\$45.73	\$17,834.70	\$53.70	\$20,943.00
12	20	LF	Standard Curb and Gutter - Type II	\$21.50	\$430.00	\$40.00	\$800.00	\$67.17	\$1,343.40	\$35.70	\$714.00
13	20	SY	Concrete Sidewalk, 4" Thick	\$50.00	\$1,000.00	\$60.00	\$1,200.00	\$214.50	\$4,290.00	\$59.00	\$1,180.00
14	7	EA	Manhole, 8-Foot Diameter	\$10,000.00	\$70,000.00	\$14,739.00	\$103,173.00	\$25,311.77	\$177,182.39	\$10,500.00	\$73,500.00
15	662	LF	48" Ultraflow Storm Drain Pipe, Including Trenching, Backfill, and Compaction	\$150.00	\$99,300.00	\$95.60	\$63,287.20	\$100.21	\$66,339.02	\$140.00	\$92,680.00
16	1,110	LF	54" Ultraflow Storm Drain Pipe, Including Trenching, Backfill, and Compaction	\$175.00	\$194,250.00	\$125.65	\$139,471.50	\$104.73	\$116,250.30	\$190.00	\$210,900.00
17	1,104	LF	60" Ultraflow Storm Drain Pipe, Including Trenching, Backfill, and Compaction	\$225.00	\$248,400.00	\$128.80	\$142,195.20	\$136.43	\$150,618.72	\$200.00	\$220,800.00
18	1	EA	60" Culvert Headwall	\$12,000.00	\$12,000.00	\$9,917.00	\$9,917.00	\$22,712.25	\$22,712.25	\$11,764.00	\$11,764.00
19	0	EA	Not Used	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	81	CY	1" Thick Wire Enclosed Riprap	\$250.00	\$20,250.00	\$250.00	\$20,250.00	\$156.18	\$12,650.58	\$230.40	\$18,662.40
21	1	EA	6' X 6' Junction Box, Precast Concrete Structures	\$15,000.00	\$15,000.00	\$21,578.00	\$21,578.00	\$28,929.33	\$28,929.33	\$17,815.00	\$17,815.00
22	1	LS	Channel Outlet (Bleeder Pipe with Flap Gate, and Concrete Weir)	\$20,000.00	\$20,000.00	\$23,366.00	\$23,366.00	\$49,316.08	\$49,316.08	\$27,436.00	\$27,436.00
23	1	LS	Griggs Concrete Intake Riser (Including Foundation, Soil Cement Slab, Complete)	\$25,000.00	\$25,000.00	\$72,904.00	\$72,904.00	\$24,508.55	\$24,508.55	\$60,964.00	\$60,964.00
24	152	LF	30" X 30" Concrete Box Culvert (Including Excavation and Backfill)	\$600.00	\$91,200.00	\$598.99	\$91,046.48	\$440.28	\$66,922.56	\$1,125.00	\$171,000.00
25	200	CY	Griggs Emergency Spillway, 6" Thick Reinforced Concrete (Including Cutoff Wall, CIP)	\$400.00	\$80,000.00	\$344.28	\$68,856.00	\$760.90	\$152,180.00	\$470.00	\$94,000.00
26	1,206	SY	Remove and replace Existing Asphalt Per City of Alamogordo Pavement Patch Detail	\$26.00	\$31,356.00	\$64.00	\$77,184.00	\$48.31	\$58,261.86	\$53.60	\$64,641.60
NMGRT (8%)					\$1,422,821.00		\$1,286,309.38		\$1,312,204.74		\$1,399,998.00
					\$113,825.68		\$102,904.75		\$104,976.38		\$111,999.84
					\$1,536,646.68		\$1,389,214.13		\$1,417,181.12		\$1,511,997.84

BID TABULATION
GRIGGS RESERVOIR OUTFALL STRUCTURE MODIFICATIONS AND STORM DRAIN IMPROVEMENTS
 PUBLIC WORKS BID NO. 2018-003
 EDA AWARD NO. 08-79-05104
 June 6, 2018

ITEM NO.	QTY	UNIT	DESCRIPTION	Smithco Construction, Inc. 56580		Vital Consulting Group, LLC 376040		Meridian Contracting, Inc. 365469	
				UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT
1	1	LS	Mobilization	\$75,000.00	\$75,000.00	\$190,000.00	\$190,000.00	\$200,403.00	\$200,403.00
2	1	SF	Clearing and Grubbing	\$25,000.00	\$25,000.00	\$49,500.00	\$49,500.00	\$21,000.00	\$21,000.00
3	1	SF	Project Removals	\$50,000.00	\$50,000.00	\$36,900.00	\$36,900.00	\$35,053.00	\$35,053.00
4	1	LS	Stormwater Pollution Prevention Plan (SWPPP)	\$15,000.00	\$15,000.00	\$8,600.00	\$8,600.00	\$50,000.00	\$50,000.00
5	1	CY	Traffic Control Management	\$25,000.00	\$25,000.00	\$83,500.00	\$83,500.00	\$31,000.00	\$31,000.00
6	1	CY	Construction Staking and Surveying	\$20,000.00	\$20,000.00	\$50,000.00	\$50,000.00	\$30,000.00	\$30,000.00
7	1	AL	Utility Allowance	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
8	1	AL	Diversion and Care of Storm Water	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
9	35000	CY	Unclassified Excavation	\$2.00	\$70,000.00	\$6.50	\$227,500.00	\$11.50	\$402,500.00
10	4200	CY	Engineered Fill/Owner Provided Borrow	\$4.00	\$16,800.00	\$6.75	\$28,350.00	\$14.50	\$60,900.00
11	390	SY	4" HMA SP-IV PG 64-22 Complete (Includes Sugrade Prep, Base Course, and Prime Coat, CIP)	\$70.00	\$27,300.00	\$85.00	\$33,150.00	\$120.00	\$46,800.00
12	20	LF	Standard Curb and Gutter - Type II	\$125.00	\$2,500.00	\$41.00	\$820.00	\$100.00	\$2,000.00
13	20	SY	Concrete Sidewalk, 4" Thick	\$200.00	\$4,000.00	\$110.00	\$2,200.00	\$240.00	\$4,800.00
14	7	EA	Manhole, 8-Foot Diameter	\$18,500.00	\$129,500.00	\$13,000.00	\$91,000.00	\$16,500.00	\$115,500.00
15	662	LF	48" Ultralflow Storm Drain Pipe, Including Trenching, Backfill, and Compaction	\$120.00	\$79,440.00	\$139.00	\$92,018.00	\$195.00	\$129,090.00
16	1,110	LF	54" Ultralflow Storm Drain Pipe, Including Trenching, Backfill, and Compaction	\$150.00	\$166,500.00	\$150.00	\$166,500.00	\$230.00	\$255,300.00
17	1,104	LF	60" Ultralflow Storm Drain Pipe, Including Trenching, Backfill, and Compaction	\$230.00	\$253,920.00	\$195.00	\$215,280.00	\$235.00	\$259,440.00
18	1	EA	60" Culvert Headwall	\$105,000.00	\$105,000.00	\$6,900.00	\$6,900.00	\$21,000.00	\$21,000.00
19	0	EA	Not Used	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	81	CY	1" Thick Wire Enclosed Riprap	\$185.00	\$14,985.00	\$300.00	\$24,300.00	\$510.00	\$41,310.00
21	1	EA	6' X 6' Junction Box, Precast Concrete Structures	\$40,000.00	\$40,000.00	\$34,700.00	\$34,700.00	\$38,000.00	\$38,000.00
22	1	LS	Channel Outlet (Bleeder Pipe with Flap Gate, and Concrete Weir)	\$65,000.00	\$65,000.00	\$14,000.00	\$14,000.00	\$48,000.00	\$48,000.00
23	1	LS	Griggs Concrete Intake Riser (Including Foundation, Soil Cement Slab, Complete)	\$140,000.00	\$140,000.00	\$90,000.00	\$90,000.00	\$95,000.00	\$95,000.00
24	152	LF	30" X 30" Concrete Box Culvert (Including Excavation and Backfill)	\$1,100.00	\$167,200.00	\$1,205.00	\$183,160.00	\$1,500.00	\$228,000.00
25	200	CY	Griggs Emergency Spillway, 6" Thick Reinforced Concrete (Including Cutoff Wall, CIP)	\$1,000.00	\$200,000.00	\$660.00	\$132,000.00	\$700.00	\$140,000.00
26	1,206	SY	Remove and replace Existing Asphalt Per City of Alamogordo Pavement Patch Detail	\$50.00	\$60,300.00	\$96.50	\$116,379.00	\$65.00	\$78,390.00
NMGRT (8%)					\$1,780,445.00		\$1,904,757.00		\$2,361,486.00
					\$142,435.60		\$152,380.56		\$188,918.88
					\$1,922,880.60		\$2,057,137.56		\$2,550,404.88