

# AGENDA REPORT

## CITY OF ALAMOGORDO

### CITY COMMISSION

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**Meeting Date:** 7/27/2021

**Report Date:** 7/20/2021

**Report No:** 5.

**Submitted By:** Bob Johnson

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**Subject:** Consider, and act upon, award of Public Works Bid No. 2021-001 to Smithco Construction, Inc. related to the Bonito Lake Infrastructure Improvements project in an amount not to exceed \$3,216,695.00, including NMGRT. *(Bob Johnson, Engineering Manager)*

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**Fiscal Impact:** \$3,216,695.00  
Amount Budgeted: \$3,930,000.00  
Fund: 081-0008-461.60-79 PW2002

Additional Fiscal Impact:

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**Recommendation:** Approve the award.

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**Background:** The work will consist of adding gated ports to the intake tower and several other improvements to the structure, adding a catwalk access to the intake tower, resurfacing the interior face and crest of the dam, replacing 1940s era valving and piping in the dam valve house, adding a parshall flume and flow meter on the discharge pipe, and other improvements to site access and security fencing.

The project was advertised on May 30 and June 6, 2021.

Bids were opened at 2:00 p.m. on July 15, 2021 with 2 (two) bids received. Refer to the bid tabulation.

**BID TABULATION**  
**BONITO LAKE INFRASTRUCTURE IMPROVEMENTS**  
**PUBLIC WORKS BID NO. 2021-001**  
**JULY 15, 2021      2:00 PM**

ITEM NO.	QTY	UNIT	DESCRIPTION	Engineer's Opinion of Probable Construction Cost		Smithco Construction, Inc.		Meridian Contracting, Inc.	
				UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT
1	1	LS	Mobilization/Demobilization	\$100,000.00	\$100,000.00	\$300,000.00	\$300,000.00	\$630,000.00	\$630,000.00
2	1200	LF	CCTV Pipe Inspections	\$25.00	\$30,000.00	\$20.00	\$24,000.00	\$9.00	\$10,800.00
3	1	LS	Dam Face Repairs	\$834,000.00	\$834,000.00	\$1,000,000.00	\$1,000,000.00	\$809,679.00	\$809,679.00
4	1	LS	Drain System Improvements	\$454,000.00	\$454,000.00	\$600,000.00	\$600,000.00	\$780,000.00	\$780,000.00
5	1	LS	Intake Tower Improvements	\$541,000.00	\$541,000.00	\$500,000.00	\$500,000.00	\$720,000.00	\$720,000.00
6	1	LS	Pedestrian Catwalk to Intake Tower	\$460,000.00	\$460,000.00	\$500,000.00	\$500,000.00	\$530,000.00	\$530,000.00
7	1	AL	Uncontrolled Flood Event Allowance	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
8	1	AL	Inspection Testing Allowance	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
NMGRT (5.50%)					\$2,544,000.00		\$3,049,000.00		\$3,605,479.00
					\$139,920.00		\$167,695.00		\$198,301.35
					<b>\$2,683,920.00</b>		<b>\$3,216,695.00</b>		<b>\$3,803,780.35</b>



Robert P. Richardson, P.E.

July 20, 2021

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Las Cruces, NM  
88011-8237

[www.bhinc.com](http://www.bhinc.com)

Bob Johnson, Engineering Manager  
City of Alamogordo  
1376 E. Ninth Street  
Alamogordo, NM 88310

voice: 575.532.8670  
facsimile: 575.532.8680

Re: Bonito Lake Infrastructure Improvement  
Award Recommendation  
Public Works Bid No. 2021-001  
BHI Project No. 20160031

Dear Mr. Johnson,

Bids were opened for the above-referenced project on Thursday, July 15th at 2:00 p.m. at the City of Alamogordo Commission Chambers. The project consists of constructing permanent improvements to the dam, valve house and intake tower at Bonito Lake.

The project was bid primarily on a lump sum basis. A total of two bids were received before the scheduled Bid Opening. The project award amount would be the total base bid of the project. A tabulation of the bids and the engineer's estimate of probable cost are attached. A summary of the bids is shown below:

Bidder	Total Base Bid
Smithco Construction, Inc. Caballo, New Mexico	\$ 3,049,000.00
Meridian Contracting, Inc. Albuquerque, New Mexico	\$ 3,605,479.00
Engineer Estimate	\$ 2,544,000.00

These figures **DO NOT** include New Mexico Gross Receipts Tax at the Bonito Lake, Lincoln County of 5.50%.

The apparent low bidder is:

Smithco Construction, Inc.  
6 King Canyon Loop  
Caballo, NM 87931  
575.894.6161

License No. 56580  
GA98, GB98, GF98  
MM98  
Expires: January 31, 2024

The apparent low bidder's licenses have been verified with NM Licensing Services, are valid for the type of work to be accomplished and are in active status. BHI has worked with Smithco Construction, Inc on previous projects with satisfactory results including the recently completed Bonito Lake Restoration Debris removal project.

Bob Johnson, Engineering Manager  
City of Alamogordo  
July 20, 2021  
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Funding for the project comes from 3 sources: a DWSRF loan, a technical assistance grant from the Office of the State Engineer Dam Safety Bureau, and City funds. The expense and funding summary is shown in the attached funding analysis. The analysis shows that sufficient funds with contingencies are available to complete the project. Based on the above, I recommend the City of Alamogordo to award construction of the project to Smithco Construction, Inc. in the amount of \$3,049,000.00.

The City should take action to accept or revise this recommendation in accordance with the City's objectives for award of the construction contract. It is my understanding that consideration of the award will take place at a regular commission meeting on July 27, 2021. Please do not hesitate to contact me if you have any questions or need further assistance with this prior to that time.

Sincerely,



Robert P. Richardson, PE  
Vice President

RPR/dg

Enclosure(s)

cc: Smithco Construction, Inc.  
OSE Dam Safety Bureau  
NMED Construction Programs

**BID TABULATION**  
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Robert P. Richardson, P.E.

# Bohannon Huston

## BONITO LAKE INFRASTRUCTURE IMPROVEMENTS

### FUNDING ANALYSIS - As Bid

July 19, 2021

<b>PREDEVELOPMENT</b>		
Land acquisition (purchase, title policy, easements)	\$	-
Public participation	\$	-
Attorneys fees		
Power Company Fees		
NMGRT (7.875%)		
<b>SUBTOTAL OF PREDEVELOPMENT COSTS</b>	<b>\$</b>	<b>-</b>
<b>ENGINEERING SERVICES</b>		
PER Update, Env Clrnce, Survey, Geotech		
Engineering Design OSE bundle and bidding	\$	52,880
Administrative expenses (printing, bid, advertise,mileage,etc)	\$	1,000
O&M Manual (Budget)		
Record Drawings (Budget)	\$	14,163
NMGRT (8.3125%)	\$	5,656
<b>SUBTOTAL OF ENGINEERING SERVICES</b>	<b>\$</b>	<b>73,699</b>
<b>CONSTRUCTION</b>		
Construction Base Bid-	\$	3,049,000
Construction contingencies (10%)	\$	305,000
Construction Admin & Inspection (budget incl tax)	\$	429,550
NMGRT (5.5%) on construction	\$	184,470
<b>SUBTOTAL OF CONSTRUCTION</b>	<b>\$</b>	<b>3,968,020</b>
<b>TOTAL COSTS</b>	<b>\$</b>	<b>4,041,719</b>
<b>FUNDING AVAILABLE</b>		
DWSRF Loan #5357	\$	2,151,300
Local Funds	\$	1,000,000
OSE-DSB Technical Assistance	\$	900,000
<b>SUBTOTAL OF FUNDING</b>	<b>\$</b>	<b>4,051,300</b>
<b>UNALLOCATED FUNDS</b>		<b>9,581</b>