



Recommendation for Water & Wastewater Commission

Commission Meeting Date:	February 12, 2020	COA Strategic Direction:	Health & Environment
Council Meeting Date:	March 12, 2020		
Department:	Public Works		
Client:	Gareth Nicely, Bill Stauber, John Wepryk		
SUBJECT			
Recommend approval to negotiate and execute an award a construction contract with MGC Contractors, Inc. for North Austin Reservoir and Pump Station Improvements in the amount of \$39,410,000 plus a \$3,941,000 contingency, for a total contract amount not to exceed \$43,351,000.			
AMOUNT AND SOURCE OF FUNDING			
Funding is available in the Fiscal Year 2019-2020 Capital Budget of Austin Water.			
Purchasing Language:	Lower responsive bid of two bids received through a competitive Invitation For Bid solicitation.		
Prior Council Action:	N/A		
Boards and Commission Action:	February 12, 2020 – To be reviewed by the Water & Wastewater Commission.		
MBE/WBE:	This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 30.96% MBE and 1.56% WBE participation.		

Originally constructed in 1913, the North Austin Reservoir at 5802 North Lamar Blvd, is one of the oldest water facilities in Austin's water distribution system. Over the years, the facility sites such as the existing 10 million-gallon (MG) reservoir, the on-site pump station, and the booster pump station located across Koenig Ln have undergone several renovations, including construction and overhaul of the pumping facilities.

During a 2011 condition assessment and reservoir evaluation, it was determined that the reservoir and pump station have greatly exceeded their expected useful life. Many of the critical mechanical, electrical, and structural assets at the North Austin Reservoir and Pump Station were identified to be in poor to very poor condition. Austin Water intends to decommission the existing water reservoir and construct a new North Zone pump station and ground storage reservoir on the existing site. The new facility complex will include a new ground storage tank and a Central Zone to North Zone pump station designed to current industry and utility standards.

The work includes demolition of the existing 10-MG ground storage reservoir, concrete vaults, and piping and construction of a new 8-MG concrete tank, 50-million gallon per day capacity pump station, and pump station electrical building. Electrical and instrumentation work includes a new Supervisory Control and Data Acquisition (SCADA) system with top end programming and modifications, audio tower/monopole installation, and an access control and security system. Other work includes lead and asbestos abatement, site grading, asphalt paving, storm sewer and water quality facilities, landscaping, and miscellaneous related work.

There are no anticipated detours or lane closures along North Lamar Boulevard or Koenig Lane during the project and all work will occur within the facility's site. However, construction vehicles will enter and exit the property regularly for the duration of the project. The initial work, demolition of the existing reservoir, will likely result in the highest volume of in-and-out traffic at the site. Following demolition of the reservoir project traffic will consist of regular construction materials and concrete deliveries while the new reservoir and pump station are constructed.

This item includes four allowances totaling \$650,000.

- An allowance of \$200,000 will be used for site improvements;
- An allowance of \$200,000 will be used for radio and telemetry systems improvements;
- An allowance of \$100,000 will be used to address access control and security systems, and
- An allowance of \$150,000 will be used for SCADA top end programming and modifications.

An allowance is an amount that is specified and included in the construction contract or specifications for certain items of work whose details are not yet determined at the time of bidding.

A delay executing this contract could increase operations and maintenance expenditures should additional interim maintenance be required.

Due to the potential for unknown conditions when working in an operating facility, a 10% contingency in funding has been included to allow for the expeditious processing

of any change orders. A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project.

The contract allows 872 calendar days for final completion. This project is located within zip code 78752 (District 7).

MGC Contractors, Inc. is located in New Braunfels, Texas.

Information on this solicitation is available through the City's Austin Finance Online website. Link: [Solicitation Documents](#).

MBE/WBE Summary

Public notice was given for this solicitation, CLMC760 North Austin Reservoir and Pump Station Improvements, through the City's Vendor Connection web portal. Two bids were received and opened on December 19, 2019. Of the two bids received neither bid was from a MBE/WBE certified firm. MGC Contractors, Inc. submitted the lowest responsive bid of two bids received including an allowances of \$650,000.

	<u>Base Bid</u>	<u>Base Bid + Allowances</u>
MGC Contractors, Inc., New Braunfels, TX	\$38,760,000	\$39,410,000
Oscar Renda Contracting, Inc., Roanoke, TX	\$51,000,000	\$51,650,000

The contractor's choice of work methodology provides for 22 areas of subcontracting opportunities which are listed below. Project specific subgoals stated in the solicitation were 1.04% African American; 5.01% Hispanic; 0.50% Native/Asian; and 0.97% WBE. Total participation is estimated on base bid amount:

Base Bid: \$		38,760,000.00	
PRIME NON M/WBE	\$	8,126,231.00	21.01%
MGC Contractors, Inc., New Braunfels, TX			
MBE TOTALS - SUBCONTRACTORS	\$	13,477,500.00	34.77%
<i>African American Subtotal</i>	\$	772,500.00	1.99%
(MB) JTE Company, LLC., Pflugerville, TX (pipe and tubing)	\$	772,500.00	1.99%
<i>Hispanic Subtotal</i>	\$	12,400,000.00	31.99%
(MH) T. Morales Company Electric & Controls, Ltd., Florence, TX (relay construction services, substation cable pulling and termination)	\$	12,400,000.00	31.99%
<i>Native/Asian American Subtotal</i>	\$	305,000.00	0.79%
(FA) Alpha Paving Industries, LLC., Round Rock, TX (striping parking facilities, pavement patching, pavement resurfacing)	\$	270,000.00	0.70%
(FA) UninTech Consulting Engineers, Inc., Austin, TX (surveying services)	\$	35,000.00	0.09%
WBE TOTALS - SUBCONTRACTORS	\$	604,201.00	1.56%
(FW) Champion Fuel Solutions, LLC., Bedford, TX (delivery of fuel, oil, grease, lubricants, DEF, and petroleum products)	\$	100,000.00	0.26%
Melendrez Trucking, Austin, TX (hauling)	\$	192,000.00	0.50%
(FH) Power Quality Engineering, Cedar Park, TX (electrical)	\$	27,000.00	0.07%
(FW) Cody Builders Supply, Inc., Austin, TX (structures steel (furnish, fabricate, transport, erect))	\$	275,201.00	0.71%
(FW) Chlor-Serv, Inc., Hutto, TX (structures steel (inspection, testing, cleaning, maintenance, service)	\$	10,000.00	0.03%
NON MBE/WBE TOTALS - SUBCONTRACTORS	\$	17,967,667.00	46.36%
Zenith Site Services, New Braunfels, TX (excavation services, topsoil)	\$	1,335,435.00	3.45%
Conquest Demolition, Inc., Buda, TX (demolition services)	\$	269,806.00	0.70%

DN Tanks, Grand Prarie, TX (pre-stressed tank)	\$	5,800,000.00	14.96%
Precision Pump Systems, Houston, TX (pumps, sump, submersible construction)	\$	1,850,000.00	4.77%
T. Morales Company Electric & Controls, Ltd., Florence, TX (relay construction services, substation cable pulling and termination)	\$	1,478,599.00	3.81%
H.L. Chapman Pipeline Construction, Inc., Leander, TX (excavation and grading)	\$	700,000.00	1.81%
Monarch Fence, San Antonio, TX (fencing, chainlink)	\$	213,180.00	0.55%
Travis Industries, LLC., San Antonio, TX (painting)	\$	209,000.00	0.54%
Core and Main, San Antonio, TX (pipe, iron)	\$	4,714,000.00	12.16%
Lonestar Welders and Erectors, Inc., San Antonio, TX (structure, steel, furnished/erect)	\$	448,272.00	1.16%
Garland Heating and Air-Conditioning, Garland, TX (heating, air-conditioning)	\$	575,000.00	1.48%
Longoria Masonry, Inc., Lockhart, TX (masonry)	\$	92,200.00	0.24%
Bravo Roofing, New Braunfels, TX (roofing)	\$	282,175.00	0.73%

The Contractor submitted a MBE/WBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department. Second low bidder information is provided.

SECOND BIDDER - Oscar Renda, Roanoke, TX

\$51,000,000

60.23% NON M/WBE prime participation; 1.10% African American; 24.31% Hispanic; 0.54% Native/Asian; 1.08% WBE; and 12.74% Non M/WBE subcontractor participation.

CERTIFIED BID TAB

CITY OF AUSTIN BID TABULATION	PROJECT SPONSOR: Austin Water BID CERTIFICATION & CONTRACT REP: Lynn Rich PROJECT MANAGER: John Wepryk PROJECT CONSULTANTS: CDM SMITH, INC. DURATION: 812 CALENDAR DAYS	BID OPENING DATE: 12/19/2019 TIME: 1:00 PM LOCATION: 505 BARTON SPRINGS ROAD SUITE 1045-C PRICE EXPIRATION: 90 CAL. DAYS LIQUIDATED DAMAGES: \$2,940 P/CAL. DAY
PROJECT: NORTH AUSTIN RESERVOIR AND PUMP STATION IMPROVEMENTS BID INVITATION NO: CLMC760 PROJECT NUMBER(S): 3960 2207 6822 and 3960 2207 6823		SUB ID# 2127.012 RESPONSES: 2 ESTIMATE: \$40,857,000.00
BIDDER(S):	MGC Contracting, Inc.	Oscar Renda Contracting, Inc.
LOCATION:	New Braunfels, TX	Roanoke, TX
GUARANTEE: BB-Bid Bond CC-Cashiers Check CTC-Cert. Chk.	BB	BB
ADDENDA ACKNOWLEDGED	2	2
BASE BID:	\$ 38,760,000.00	\$ 51,000,000.00
Allowance No. 1: Site/Civil Improvements	\$ 200,000.00	\$ 200,000.00
Allowance No. 2: Radio and Telemetry System Improvements	\$ 200,000.00	\$ 200,000.00
Allowance No. 3: Access control and Security System	\$ 100,000.00	\$ 100,000.00
Allowance No. 4: SCADA Top End Programming and Modifications	\$ 150,000.00	\$ 150,000.00
SUBTOTAL ALLOWANCES	\$ 650,000.00	\$ 650,000.00
TOTAL BID, includes Base Bid Plus Allowances:		\$39,410,000.00
		\$51,650,000.00

TRUE COPY OF BID TABULATION AS RECEIVED OR
 CORRECTED IN ACCORDANCE WITH CONDITIONS
 GOVERNING PROPOSALS.

1/10/2020

CAPITAL CONTRACTING OFFICE
 CONTRACT PROCUREMENT DIVISION
 CITY OF AUSTIN, TX

DATE

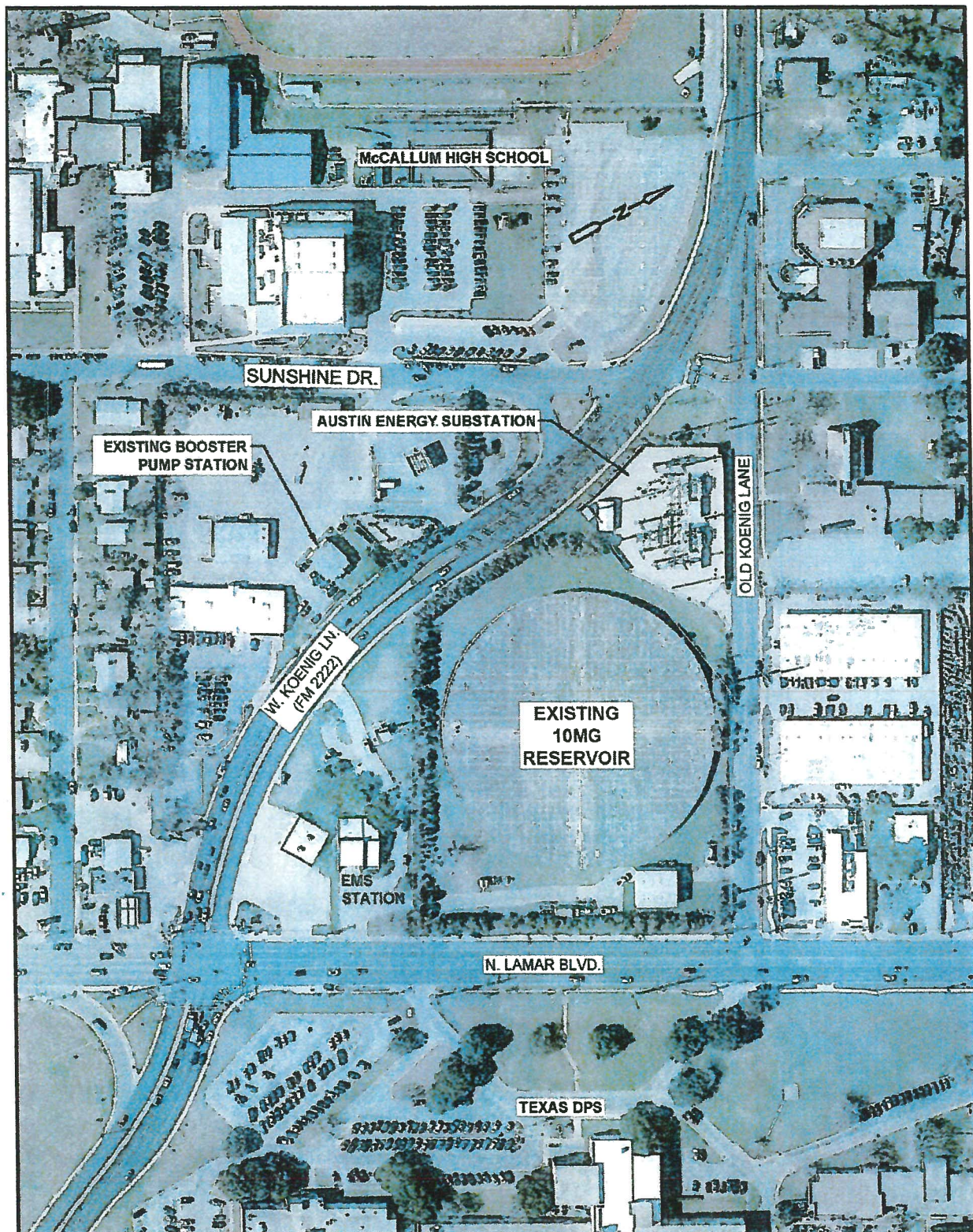


Figure ES-1
Vicinity Map of the North Austin Reservoir and Pump Station