



Invitation to Bid ("ITB")

Sludge Removal & Aeration Basin Cleaning

ITB NO. 20-003 – Addendum No. 1 Questions Related to ITB

Mandatory Prebid Meeting location:

A **mandatory** pre-bid meeting/tour of the Wastewater Treatment Plant located at 2005 Old Chappell Hill Road, Brenham, Texas is scheduled for **Friday, June 19, 2020 at 1:30 p.m.** This mandatory pre-bid meeting/tour will provide Bidders an opportunity to discuss the City's requirements pursuant to this ITB and tour the facility where the work will be performed. Attendance at this pre-bid meeting is mandatory.

Plans/Specifications/Drawings:

See attached Exhibit A. The area related to this ITB is "Aeration Basin Area 4".

Approximate Cubic Yards:

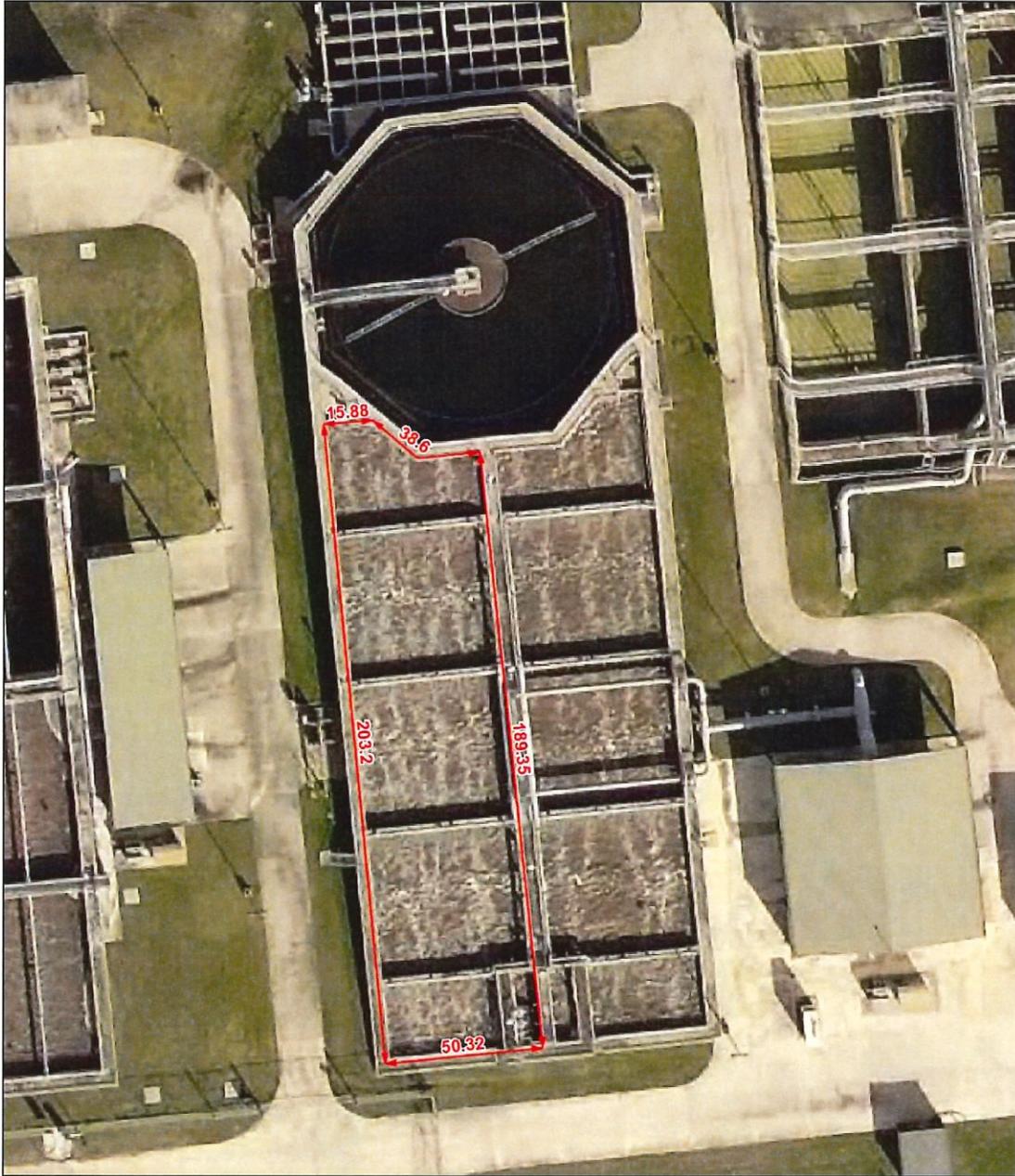
The Aeration Basing Area 3 (East) was cleaned in 2018, for the first time, the vendor removed approximately 630.30 cubic yards of sludge/liquids. This ITB is for the first cleaning of Aeration Basin Area 4 (West), staff assumes the total cubic yards will be equal to or greater than 630.30CY.

Documents to Return with ITB:

1. Proposal Submission Authorization
2. Non- Collusion Certificate
3. Sludge Removal & Aeration Basin Cleaning Bid Form (Attached)

Sludge Removal & Aeration Basin Cleaning

Exhibit A to Addendum No. 1



1 inch = 40 feet

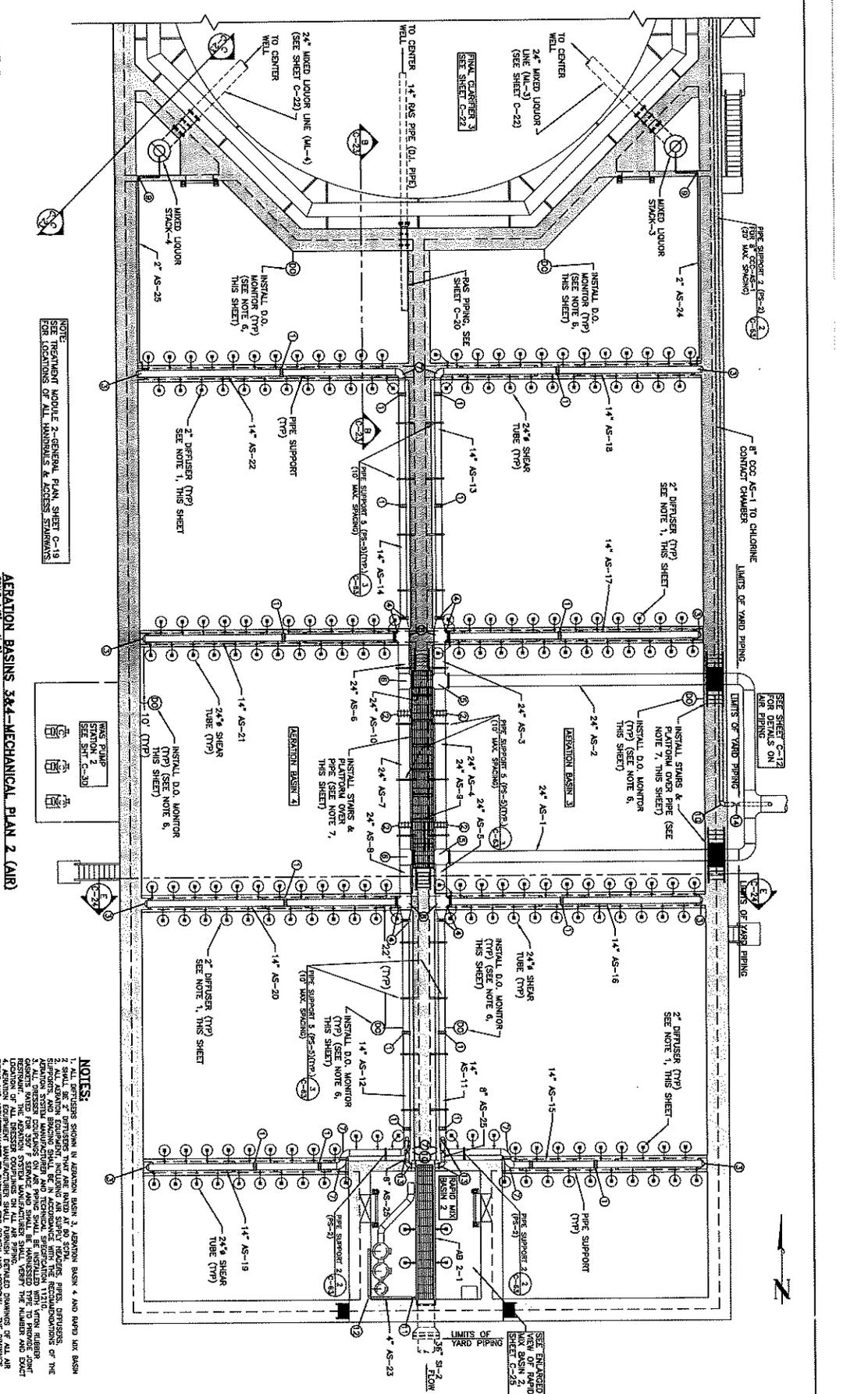


LEGEND

1	1/4" WASTEWATER DRAINAGE CONDUIT
2	1/4" WASTEWATER DRAINAGE CONDUIT
3	1/4" WASTEWATER DRAINAGE CONDUIT
4	1/4" WASTEWATER DRAINAGE CONDUIT
5	1/4" WASTEWATER DRAINAGE CONDUIT
6	1/4" WASTEWATER DRAINAGE CONDUIT
7	1/4" WASTEWATER DRAINAGE CONDUIT
8	1/4" WASTEWATER DRAINAGE CONDUIT
9	1/4" WASTEWATER DRAINAGE CONDUIT
10	1/4" WASTEWATER DRAINAGE CONDUIT
11	1/4" WASTEWATER DRAINAGE CONDUIT
12	1/4" WASTEWATER DRAINAGE CONDUIT
13	1/4" WASTEWATER DRAINAGE CONDUIT
14	1/4" WASTEWATER DRAINAGE CONDUIT

YARD PIPING SCHEDULE

NO.	DESCRIPTION	SIZE	MATERIAL	LOCATION
1	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 1
2	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 2
3	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 3
4	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 4
5	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 5
6	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 6
7	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 7
8	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 8
9	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 9
10	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 10
11	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 11
12	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 12
13	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 13
14	1/4" WASTEWATER DRAINAGE CONDUIT	1/4"	HDG. STEEL PIPE - 1/4" HDG. WALL	SECTION 14



NOTES

1. ALL piping shall be installed in accordance with the requirements of the applicable codes and standards.
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12. ALL piping shall be installed in accordance with the requirements of the applicable codes and standards.
13. ALL piping shall be installed in accordance with the requirements of the applicable codes and standards.
14. ALL piping shall be installed in accordance with the requirements of the applicable codes and standards.

RECORD DRAWING

DATE: 5-19-09-3361

No.	Revision	By	Date
1		APR 14	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			

CITY OF BRENHAM
2002 3.50 MGD WASTEWATER TREATMENT PLANT IMPROVEMENTS


 CONSULTANTS
 SNOBODA Engineering Company
 STRUCTURAL
 M&C Management

9/14/02
 2002 JAN 2002
 1008 22 52
 SHEET C-21

GATE SCHEDULE

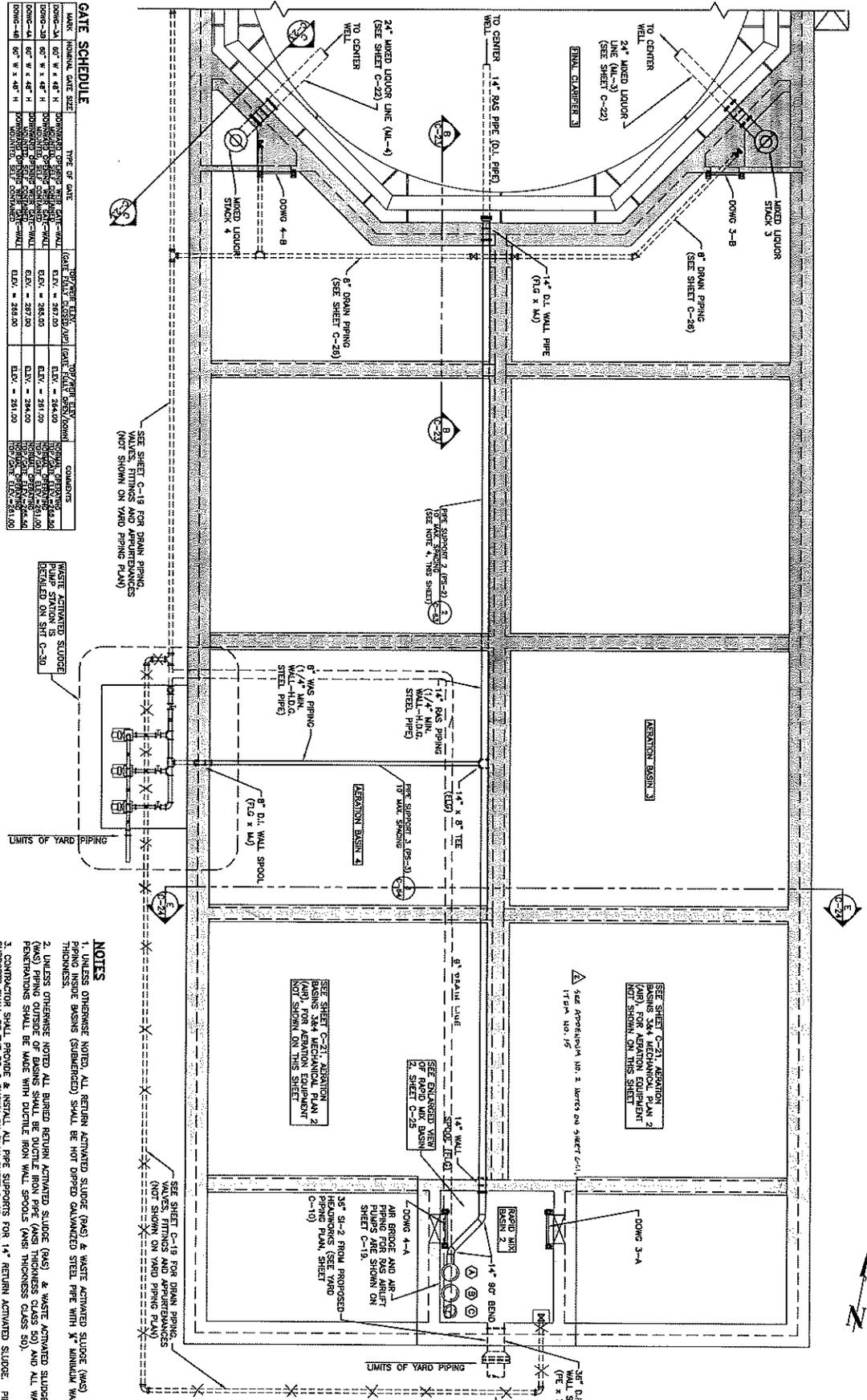
MARK	NOMINAL GATE SIZE	TYPE OF GATE	CONTRACTOR'S ELEVATION	AS-BUILT ELEVATION	COMMENTS
DOMG-2A	60" W x 48" H	PORTLAND CEMENT CONCRETE	ELEV. = 287.00	ELEV. = 286.00	
DOMG-2B	60" W x 48" H	PORTLAND CEMENT CONCRETE	ELEV. = 288.00	ELEV. = 287.00	
DOMG-4A	60" W x 48" H	PORTLAND CEMENT CONCRETE	ELEV. = 287.00	ELEV. = 286.00	
DOMG-4B	60" W x 48" H	PORTLAND CEMENT CONCRETE	ELEV. = 288.00	ELEV. = 287.00	

RETURN ACTIVATED SLUDGE AIRLIFT PUMPS SCHEDULE

MARK	DESCRIPTION	SIZE	ELEVATION
①	RETURN ACTIVATED SLUDGE AIRLIFT PUMP 2A (RACLU-2A)	12"	287.00
②	RETURN ACTIVATED SLUDGE AIRLIFT PUMP 2B (RACLU-2B)	12"	287.00
③	RETURN ACTIVATED SLUDGE AIRLIFT PUMP 2C (RACLU-2C)	8"	287.00

ABERATION BASINS 3&4-MECHANICAL PLAN 1
Scale: 1/8" = 1'-0"

NOTE: TREATMENT MODULE 2-GENERAL PLAN SHEET C-18 FOR LOCATIONS OF ALL MANHOLES & ACCESS STAIRWAYS.



- NOTES**
- UNLESS OTHERWISE NOTED, ALL RETURN ACTIVATED SLUDGE (RAS) & WASTE ACTIVATED SLUDGE (WAS) PIPING INSIDE BASINS (SUBMERGED) SHALL BE HOT DIPPED GALVANIZED STEEL PIPE WITH 1/2" MINIMUM WALL THICKNESS.
 - UNLESS OTHERWISE NOTED ALL BURIED RETURN ACTIVATED SLUDGE (RAS) & WASTE ACTIVATED SLUDGE (WAS) PIPING OUTSIDE OF BASINS SHALL BE DUCTILE IRON PIPE (MINI THICKNESS CLASS 50) AND ALL WALL PENETRATIONS SHALL BE MADE WITH DUCTILE IRON WALL SPOOLS (MINI THICKNESS CLASS 50).
 - CONTRACTOR SHALL PROVIDE & INSTALL ALL PIPE SUPPORTS FOR 14" RETURN ACTIVATED SLUDGE PIPE SUPPORTS SHALL BE THE PS-2 SHOWN ON PLAN SHEET C-43 & SHALL HAVE 10 FEET MAXIMUM SPACING BETWEEN SUPPORTS. ALL OTHER SUPPORTS SHALL ALSO PROVIDE & INSTALL PIPE SUPPORTS AT OTHER SPECIFIC LOCATIONS NOTED ON SECTIONS & DETAILS.

RECORD DRAWING

DATE: 5-18-09, 2:58

By: [Signature]

Checked: [Signature]

Approved: [Signature]

Scale: 1/8" = 1'-0"

CITY OF BRENHAM
2002 3.550 MGD WASTEWATER
TREATMENT PLANT IMPROVEMENTS

O'Malley Engineers
203 S. Jackson
Brenham, Texas 77833
(979) 839-2931

CONSULTANTS
ELECTRICAL
Swoboda Engineering Company
STRUCTURAL
MBC Management





Sludge Removal & Aeration Basin Cleaning

Bid Form

Bid No: 20-003
Bid Opening: 3:00 P.M. (CST), Monday, June 29, 2020
Bid Title: Sludge Removal & Aeration Basin Cleaning

Submit to: Office of the City Secretary
City of Brenham
200 W. Vulcan St., Suite 203
Brenham, TX 77833

PO Box 1059
Brenham, Texas 77834-1059

Bid Documents: Sealed bids must be submitted on this form only. **Bidders are required to submit one (1) original and one (1) copy.** All bids submitted must be itemized with prices extended when practical. **Bidder must return the entire original bid document with bid or offer.**

Bid **MUST** be signed by an authorized representative of bidder. Original signature required.

Offer to complete the removal of sludge and cleaning of the west aeration basin at \$_____ per cubic yard.

Additional Information and/or Comments: (additional sheets may be added as needed):

Name of Bidder: _____
(please print)

Authorized Signature: _____

Address: _____

Phone No: _____

Email: _____