

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.texas.gov
Phone (512) 463-7847, Fax (512) 475-2053

November 3, 2015

Mr. Darron Leiker
City Manager
City of Wichita Falls
P. O. Box 1431
Wichita Falls, TX 76307

Re: City of Wichita Falls
TWDB Project No. 73695, CWSRF L1000337 and LF1000370
CID 01: Permanent Indirect Potable Reuse System
Plan, specification, and addenda approval

Dear Mr. Leiker:

We have completed our review of the plans and specifications (P&S) for the City of Wichita Fall's Permanent Indirect Potable Reuse System project (Project). The project scope includes construction of approximately 5.4 miles of 30-inch diameter and 11.5 miles of 32-inch diameter indirect potable reuse pipeline from the River Road Wastewater Treatment Plant to Lake Arrowhead. The P&S prepared by Corlett, Probst & Boyd, PLLC. and CDM Smith, Inc., on your behalf, were received at TWDB on September 15, 2015 and are hereby approved. Addenda's 1, 2, and 3 issued to the proposed contract have been reviewed and are accepted for inclusion within the project.

Our review is administrative in nature and is not intended to represent a detailed evaluation of the engineering design. The design engineer must ensure the design and construction in accordance with 30 TAC Chapter 217, *Design Criteria for Domestic Wastewater Systems*, sound engineering practice, and applicable regulations.

This approval of P&S should not be construed as preempting any approval that may be required by other federal, state or local government agencies. Furthermore, this approval does not relieve the design engineer of his legal responsibility for the integrity of the design. The materials and methods for the referenced contract shall be in accordance with the P&S provided by the project engineer.

You are hereby authorized to advertise for bids for this contract work. Please do not begin construction on the project until we have reviewed and bid tabulations contingently executed bid documents and authorize you to issue a notice to proceed. Please refer to the Bidding Phase section of your Program Guidance Manual for additional guidance. The current Clean Water

Our Mission	:	Board Members
To provide leadership, information, education, and support for planning, financial assistance, and outreach for the conservation and responsible development of water for Texas	:	Bech Bruun, Chairman Kathleen Jackson, Member
	:	Kevin Patteson, Executive Administrator

Mr. Darron Leiker
City of Wichita Falls
Page 2.

State Revolving Fund guidance manual can be downloaded at:
<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0100.pdf>.

Please note that TWDB may not fund testing, remediation, removal, disposal, or related work for contaminated or potentially contaminated material. However, the City of Wichita Falls should insure that such materials are tested, removed, and disposed in accordance with applicable state and federal laws.

One set of approved P&S, along with copies of Addenda 1,2, and 3 are enclosed and one approved set will be returned to CDM Smith's Fort Worth office. Please be reminded that all change orders should be discussed with TWDB prior to their issuance. Any change orders that may affect the location of the pipeline or any environmental conditions should be discussed with William Alfaro, TWDB environmental reviewer prior to issuance. Mr. Alfaro can be reached at 512-463-1741 or by email at: william.alfaro@twdb.texas.gov.

If you have any questions or desire additional information, you may contact me at (512) 936-0811 or by e-mail at JoAnne.Duncan@twdb.texas.gov. With the reorganization of TWDB into regional teams, your project will be managed by Team 2 – Brazos. The Team 2- Brazos Manager is Caaren Skrobarczyk. Ms. Skrobarczyk can be reached at (512) 475-1128 or by email at: caaren.skrobarczyk@twdb.texas.gov.

Respectfully,

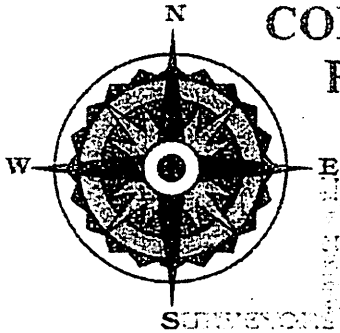


JoAnne Duncan, P.E.
Project Engineer, Team 2 – Brazos
Regional Water Planning & Development
Water Supply & Infrastructure

Enc: Approved revised P & S and Addendas 1, 2, and 3

Cc w/ Enc: Chad D. Bartruff, P.E.; CDM Smith; 100 Throckmorton Street, Suite 600;
Fort Worth, TX 76102

Cc w/o enc: via electronic mail:
Russell Schreiber, P.E.; City of Wichita Falls at:
russell.schreiber@wichitafallstx.gov
Shawn M. Garcia, P.E.; City of Wichita Falls at:
Shawn.garcia@wichitafallstx.gov
Louis Herrin, III, P.E; TCEQ at
louis.herrin@tceq.texas.gov



**CORLETT,
PROBST &
BOYD, P.L.L.C.**

Professional Engineers & Surveyors - State of Texas

Principals
Dennis L. Corlett, P.E., P.L.S.
C. Dean Probst, P.E.

**TEXAS WATER
DEVELOPMENT BOARD**

REVIEWED: *jad*
APPROVED: *J. Quinn Duran P.E.*
DATE: *Oct 30 2015*

September 22, 2015

TO: All Plan holders

PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE
PROJECT - CWF15-545-19

Wichita Falls, Texas
Bid Date: September 29, 2015

FROM: Corlett, Probst & Boyd, PLLC
4605 Old Jacksboro Highway
Wichita Falls, TX 76302

SUBJECT: Transmittal of Addendum No. 1 and Related Information

Transmitted herewith are:

1. Addendum No. 1.
2. Current List of Plan holders.
3. Pre-bid Conference Memorandum for Record.
4. Mandatory Pre-bid Conference Attendees List.
5. Caution to Bidders handout.

The attention of all bidders is directed to the fact that the Proposal Form requires that a signed copy of the Addenda be submitted with the Proposal. Failure to comply with this requirement will result in the disqualification of the Bid.

ADDENDUM NO. #1

**TO
PLANS AND SPECIFICATIONS
FOR**

**PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE PROJECT
CWF15-545-19
CITY OF WICHITA FALLS, TEXAS**

September 22, 2015

Bid Date: September 29, 2015

The following changes to the plans, specifications, and contract documents for the Permanent Indirect Potable Reuse System Pipeline Project, CWF15-545-19, shall supersede the appropriate parts of the original plans and specifications and shall be incorporated as part of the contract.

SPECIFICATION REVISIONS:

SECTION M

Item 506.7. Disinfection and Bacteriological testing will not be required for this project.

SECTION 33 11 00

Paragraph 2.01.F. Rename as "F. Restrained joints for ductile iron pipe:"

Paragraph 2.03.B. Change the second sentence to read "Unless specifically detailed otherwise, flanged fittings shall be used on all exposed piping and all other fittings shall be restrained mechanical joint (MegaLug by EBBA Iron, or approved equal).

DRAWINGS REVISIONS:

1. SHEET 5 – Change the note in the plan view at Station 0+10 to read:

**"STA. 0+10
BEGIN CONSTRUCTION PHASE 1
INSTALL CAP AND BLOCKING"**

2. SHEET 74 – "DIFFUSER SECTION". Change "Tideflex Series 35 Duckbill Flanged Check Valve, or equal" to read "Tideflex Series 35 Duckbill Flanged Check Valve, or equal with 316 Stainless Steel backing rings and BUNA-N elastomer body".
3. SHEET 74 – "VENT DETAIL". Change "Tideflex Series 35 Duckbill Flanged Check Valve, or equal" to read "Tideflex Series 35 Duckbill Flanged Check Valve, or equal with 316 Stainless Steel backing rings and BUNA-N elastomer body".
4. SHEET 74 – "CONSTRUCTION NOTES" – Change Note 2 to read:

"2. Clear underwater construction path to remove obstacles prior to installing pipe. Materials that must be cleared must be removed from the lake immediately without spillage and disposed of as waste material per General Note 8, Sheet 1 of the Plans."

GENERAL:

1. Clarification: There is no MWBE goal for this project and no MWBE Good Faith efforts are required for the Wichita Falls (CWSRF-#73695) Tier II project.

End of Addendum No. 1

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. #1:

(Contractor)

By: _____
(signed)

(printed)

CAUTION: FAILURE TO SUBMIT THIS SIGNED ADDENDUM WITH THE BID PROPOSAL FORM WILL BE CAUSE FOR REJECTION OF BID.

CORLETT, PROBST & BOYD, PLLC

T. Dean Hinton, P.E.
Project Engineer



PROJECT: PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE

CLIENT: CITY OF WICHITA FALLS

PM: Estimate
BID DATE: Pre Bid:

2:15 PM
2:00 PM

PLANCHOLDER'S LIST

Name:	Address 1	Address 2	City	State	Zip	Phone	Fax:	Contact	Email	Cell Phone #s:
City of Wichita Falls	1300 7th St		Wichita Falls	TX	76301	849-761-7477		Shawn Garcia	shawn.garcia@cityofwffalls.org	
City of Wichita Falls	1300 7th St		Wichita Falls	TX	76301	849-761-7477		Shawn Garcia	shawn.garcia@cityofwffalls.org	
CM Smith	100 Tradection St	St# 600	Fair Viewn	TX	76102	817-332-4727		Chad Barwell	BarwellC@cm-smith.com	
CM Smith	100 Tradection St	St# 600	Fair Viewn	TX	76102	817-332-4727		Chad Barwell	BarwellC@cm-smith.com	
CM Smith	100 Tradection St	St# 600	Fair Viewn	TX	76102	817-332-4727		Chad Barwell	BarwellC@cm-smith.com	
CM Smith	100 Tradection St	St# 600	Fair Viewn	TX	76102	817-332-4727		Chad Barwell	BarwellC@cm-smith.com	
Bonus Construction	7001 Jackson Hwy		Wichita Falls	TX	76310	849-766-3918		Doug Bernard	douglasb@bonus-consl.com	
Mt Cmt Constructors	4200 Respectful Crcto	Sta 11	Americo	TX	76910	806-361-6043		Saul Hernandez	sahernandezmty@aol.com	
Southwest Electric	5014 S.W. 5th St		Midland	TX	79701	940-722-0100		Doreen Crab	dfcrab@swelco.net	507-215-2823
West Texas AGC	3100 Seymour Hwy	214	Wichita Falls	TX	76311	849-722-0100		Doreen Crab	dfcrab@swelco.net	
Speed Construction Co., Inc.	1110 E. Clark Ave	Sta 210	Scotia Milano	CA	93455	507-937-5858		Laura Jerven	jervenl@scc-inc.com	
West Texas AGC	3100 Seymour Hwy	214	Wichita Falls	TX	76311	849-722-0100		Doreen Crab	dfcrab@swelco.net	
Welder LLC	6000 New Trails Drive	Sta 200	The Woodlands	TX	77381	281-687-6782		Laura French	frenchl@welderllc.com	
S J Lucas Construction	520 S. 6th Ave		Midland	TX	76901	817-477-0020		Eugene Ingram	eugenei@sj-lucas.com	
BFB Contractors	3805 HWY 25th St		Topsail	MS	66916	765-290-1150		Hester Enclosure	hesterenclosure@yahoo.com	
Luna Hasty Cmt	300 E. Broad St		Fountain	GA	30213	678-384-0081		Stanley Murphy	murphystan@lunacmt.com	
New Texas Contracting	4899 Keller Housh Rd		Keller	TX	76244	817-430-9500		Zach Fulsdor	zfulsdor@newtxcontracting.com	817-819-6691
McKee Utility Contracs	2319 W Main St		Pearle	OK	74864			Shane Madec	shamemadec@mckeeutility.com	
Russ Pines & Supply	608 Vindicator Rd		Jasper	TX	75951	409-384-5600		Chrisie Conner	connerchrisie@russ-pines.com	
Uniontown Estimation	1501 Lumb Rd		Woodstock	IL	60088	815-331-1700		Jennifer Craft	jennifercraft@uniontownestimation.com	
American Ductile Iron Pipe	P O Box 153358		Irrig	TX	75015	214-619-3217		Eric Green	egreen@american-dipipe.com	
CoStar Construction	680 Shropshire Access Rd		Wichita Falls	TX	76303	849-636-4951		Danny Cozzey	cozzeydanny@costarconstruction.com	
Construcion Marlin Data Group	20 Technology Pkwy S		Morris	GA	30092	373-602-6078		Brent Flores	brentf@marlindatagroup.com	
ISORT	4500 Latta Forest Dr		Centerton	OH	43242	800-364-2958		Scott Hutchison	scott.hutchison@isort.com	
Construction News Recorder	4247 Naco Perm	Sta 100	San Antonio	TX	78217	214-667-8000		Isabel Rivera	isabelrivera@cnr.com	
ARECK Construction	7045 Seaview Hwy		Leetsville	IA	71446	327-929-8353		Dee Henry	deehenry@areckconstruction.com	
Gentry Construction	101 E FM 813		Poncha	TX	75152	602-470-0001		Dee Sanchez	dsanchez@gentryconstruction.com	
Dodge Dunn & Anderson	3315 Center Ave		Nat Springs	AR	71813	800-330-6343		Kathy Mackin	kmac@ddanderson.com	
Pioneer Supply	3008 Pike Rd		Maize	OK	73150	405-794-7705		Dave Moore	dmoore@pioneersupply.net	
Comet Procut & Boyd	4605 Old Jackson Hwy		Victoria Falls	TX	78302	849-723-1455		Dana Nelson	nelsondana@cometprocut.com	
S & J Construction	1014 Richardson Rd		Jacksonville	AR	72078	501-585-2111		Pat Picumers	picumpat@sj-construction.com	
Oscar Heredia Contracting	6008 Harrison Creek Rd		Ranchola	TX	78062	817-491-2700		James Rodriguez	jrodriguez@oscarheredia.com	
Mussons Trenching	919 S. Foyman Ave		Clawson City	OK	73129	405-617-4525		Phelp Ferguson	phelpf@musson-trenching.com	
MTCR Plan Room	2828 Terry Mtn Rd		Corbett	TX	75006	972-820-0020		Linda Gove	lgove@mtcrplanroom.com	

CITY OF WICHITA FALLS

PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE
CWF 15-545-18BID DATE:
MANDATORY Pre-Bid Conference:07/01/15
07/15/152:15 PM
2:00 PM

MANDATORY PREBID ATTENDEE LIST

Name	Address 1	Address 2	City	State	Zip	Phone	Contact	Email	Cell Phone #	Pre-Bid Attendee Registration	
										Printed	Signature
City of Wichita Falls	1100 7th St		Wichita Falls	TX	76081	840-761-7477	Shawn Garcia	shawn.garcia@cityofwffalls.org			
CDM Smith	120 Theodoroson St	Ste 220	Fort Worth	TX	76102	817-333-6777	Chad Beryell	Beryell@cdmsmith.com			
Conroy Construction	7001 Jackson Hwy		Wichita Falls	TX	76093	840-766-3318	Doug Darnell	doug@conroyconstruction.com			
Don Chl Construction	4200 Ridgeway Circle	Ste 11	Amarillo	TX	79102	806-367-6543	Sam Hernandez	sam@donchl.com			
Eastman Contracting	1027 7th St SW		Spokane	WA	99204	509-455-2028	Steve Olson	olson@eastman.net	807-415-3277		
Epstein Construction Co., Inc.	1114 E. Clark Ave	Ste 113	Santa Maria	CA	94458	805-837-8258	Leung Joon	leung@epsteinco.com			
Englert Associates	2105 Seymour Hwy	214	Wichita Falls	TX		840-321-0120	Dennis Ogle				
Enbridge LLC	9303 New Trails Drive	Ste 300	The Woodlands	TX	77381	281-857-8787	Leung French	leungfrench@enbridge.com			
F.J. Lewis Construction	600 E. 8th Ave		Marshall	TX	75603	817-477-0273	Elizabeth Hargan	elizabeth@fjlewis.com			
FGI Construction	3025 NW 22nd St		Tomball	TX	77458	281-366-1463	Heather Elliott	heather@fgiconsulting.com			
Lynne Insley Co.	300 E. Board St		Fairburn	GA	30213	678-264-3271	Sandra Murphy	sandra.murphy@lynne.com			
North Texas Contracting	4300 Keller Harvest Rd		Keller	TX	75248	817-430-0600	Zach Tucker	ztucker@ntc.com	817-415-0591	Andrew Matzke	Andrew Matzke
Odyssey Utility Construction	2516 W Main St		Progreso	TX	76204		Chase McKee	chase@odysseyutility.com			
Olson Pipe & Supply	800 Vander Rd		Jasper	TX	75241	409-334-4300	Charles Court	court@olsonpipe.com			
Overman Construction	1301 Lamp Rd		Woodstock	IL	60090	815-331-1700	Jennifer O'Neil	jennifer@overmanconstruction.com		Ray Reiden	Ray Reiden
American Durable Iron Pipe	P.O. Box 132033		Irving	TX	75015	214-618-3117	Eric Green	eric@americanpipe.com			
Ortman Construction	667 Diamond Avenue Rd		Wichita Falls	TX	76093	840-636-4311	Darryl Ortman	darryl@ortmanconstruction.com			
Construction Market Data Group	30 Technology Plaza S		Minneapolis	GA	30003	353-602-6679	Dave Paves	dave@cmdatagroup.com			
SCPT	4301 Latta Street Dr		Cheney	OK	4343	800-366-7003	Sara Matheson	sara@scpt.com			
Construction News Reporter	4047 Mayo Pl	Ste 100	San Antonio	TX	78217	214-687-0000	Isabel Davis	isabel@cnr.com			
ATCO Contractors	7025 Shreveport Hwy		Louisville	LA	71448	225-233-0333	Dan Henry	dan@atcocontractors.com			
Galley Construction	124 E FM 813		Palmer	TX	75152	254-479-0091	Dan Bander	dand@galley.com			
Geopac Data & Analytics	2215 Central Ave		Mid Springs	AR	71953	505-333-4343	Kathy Marsh	kathy.marsh@geopac.com			
Power Supply	2008 Pine Rd		Moore	OK	73400	405-786-7703	Dave Moore	dave@powercompany.net		Bob Paine	Bob Paine
Conroy Paving & Road	4200 Don Jackson Hwy		Wichita Falls	TX	76093	840-723-1455	Doug Wilson	doug@conroy.com			
Conroy Paving & Road	4805 Don Jackson Hwy		Wichita Falls	TX	76093	840-723-1455	Lisa Conroy	lisa@conroy.com			
S & J Construction	1214 S Broadway Rd		Jacksonville	AR	72078	801-855-2111	Pat Brown				
Chow Renda Contracting	601 Harbison Creek Rd		Rockledge	TX	76087	817-491-7773	Jay Rodriguez	jay@chowrenda.com			
RNF Co.						940-761-7477	Michael J. Garcia	michael.garcia@wffalls.org		MIKE SEVEN	Mike Seven
RNF Paving						409-611-1173	Mark Sanchez	mark.sanchez@wffalls.org		Mark Sanchez	Mark Sanchez
RNF Paving						940-761-7477	Tyler Spencer	tyler.spencer@wffalls.org		Tyler Spencer	Tyler Spencer

CITY OF WICHITA FALLS

PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE
CWF15-345-19GID DATE:
MANDATORY Pre-Old Conference:3/29/15
9:15:152:15 PM
2:00 PM

MANDATORY PREBID ATTENDEE LIST

Name	Address 1	Address 2	City	State	Zip	Phone:	Contact	Email	Cell Phone #:	Pre-Bid Attendee Registration	
										Printed	Signature
City of Wichita Falls	1325 7th St		Wichita Falls	TX	76701	840.761.7477	Shawn Carson	shawn.carson@cityofwff.com		Shawn Carson	[Signature]
CDM Smith	100 Thompson St	Ste 605	Fort Worth	TX	76102	817.332.4777	Chris Bernal	chris.bernal@cdmsmith.com		Chris Bernal	[Signature]
Chaves Construction	7021 Jackson Hwy		Wichita Falls	TX	76703	840.708.3116	Doug Bernal	doug.bernal@chavesconstruction.com		ANDY BOWLES	[Signature]
CMC Construction	4300 Claymont Circle	Ste 11	Amarillo	TX	79102	806.327.0543	Paul Hernandez	paul.hernandez@cmccorp.com		Paul Hernandez	[Signature]
Conkern Construction	1307 7th St SE		Spokane	WA	99204	509.455.9028	Chris Olson	chris@conkern.com	509.215.3257	Chris Olson	[Signature]
James Construction Co., Inc.	1143 E. Clark Ave	Ste 215	South Fort	CA	92405	951.837.5850	Leah Olson	leah@jamesconstruction.com	951.837.5850	Leah Olson	[Signature]
West Texas AGC	3100 Highway 190	214	Wichita Falls	TX		840.327.0100	Danish Clark			Danish Clark	[Signature]
Jacklin LLC	6353 New York Drive	Ste 200	The Woodlands	TX	77381	281.427.8187	Leah French	leah@jacklinllc.com		Leah French	[Signature]
S.J. Lane Construction	130 S. 6th Ave		Marshall	TX	75053	817.417.0720	Michael Ingram	michael@sjlane.com		Leah French	[Signature]
2020 Contractors	3008 HWY 28th St		Tempe	AZ	85281	724.780.1100	Michael Ingram	michael@2020contractors.com		Ken Dedana	[Signature]
Lynne Heavy Civil	323 E. Gould St		Lawton	OK	73505	409.264.3051	Samuel Murphy	smurphy@lynneheavy.com		Samuel Murphy	[Signature]
North Texas Contracting	4323 Keller Street Rd		Keller	TX	75244	817.430.0000	Jack Rader	jack@ntcontracting.com	817.415.0831	Vernon Fawcett	[Signature]
Madison City Contractors	7119 W. Main St		Frederick	MD	21704		Chris McKee	chris@madisoncitycontractors.com		Chris McKee	[Signature]
Rural Pipe & Supply	808 Vantage Rd		Jasper	TX	75201	409.334.3400	Cheryl Conant	conant@ruralsupply.com		Cheryl Conant	[Signature]
Maryanne Erickson	1361 Lund Rd		Wheatland	WY	82208	815.327.1700	Janet Goff	janet@maryanneerickson.com		Janet Goff	[Signature]
American Ductless Pipe	P.O. Box 132988		Irvine	TX	75013	214.416.3117	Dan Green	dgreen@americanductless.com		Dan Green	[Signature]
Culbert Construction	867 Shopping Center Rd		Wichita Falls	TX	76703	840.934.4211	Danny Cochran	danny@culbertconstruction.com		Danny Cochran	[Signature]
Construction Market Data Group	30 Technology Plaza B		Montrose	GA	30063	404.202.5070	Steve Pines	steve@cmdatagroup.com		Steve Pines	[Signature]
COFT	1400 Lake Forest Dr		Channahon	IL	61460	815.304.7000	Steve Pines	steve@coft.com		Steve Pines	[Signature]
Construction News Reporter	4047 Ross Pkwy	Ste 100	San Antonio	TX	78217	214.667.0000	Isabel Rivers	isabel@cnr.com		Isabel Rivers	[Signature]
Art-Lite Construction	7023 Shawcross Hwy		Leesville	LA	71446	225.232.4333	Chris Hays	chris@art-liteconstruction.com		Chris Hays	[Signature]
Canary Construction	101 E. FM 813		Frederick	TX	75117	800.470.0000	Chris Sander	chris@canaryconstruction.com		Chris Sander	[Signature]
Goody Data & Analytics	3214 Central Ave		Mid College	AR	71613	800.233.4343	Andy Marshall	andy@goodydata.com		Andy Marshall	[Signature]
Pioneer Supply	3008 Pine Rd		Moore	OK	73049	405.784.7700	Dan Moore	dmoore@pioneerok.com		Dan Moore	[Signature]
Conkern, Pines & Day	4005 Old Jackson Hwy		Wichita Falls	TX	76703	840.723.1433	Dan Nelson	dan@conkern.com		Dan Nelson	[Signature]
Conkern, Pines & Day	4005 Old Jackson Hwy		Wichita Falls	TX	76703	840.723.1433	Mike Conkern	mike@conkern.com		Mike Conkern	[Signature]
S & J Construction	1614 S. Redwood Rd		Jacksonville	AR	72070	501.433.3111	Pat Powers	pat@sjconstruction.com		Pat Powers	[Signature]
Chew Bros Construction	608 Harwick Creek Rd		Robards	TX	75082	817.431.7103	John Rodriguez	john@chewbros.com		John Rodriguez	[Signature]
Matthews Teaming	919 S. Everett		Oklahoma City	OK	73102	405.677.4555	Phillip Rogers	phillip@matthewsteaming.com		Phillip Rogers	[Signature]
WIKKE LLC	4101 S. 19th St	Ste 200	Midland	TX	79701	432.370.1111	Jack Adams	jack@wikke.com		Jack Adams	[Signature]
EFFICIENCY SHORING & SUPPLY	3602 N. SYLVANIA AVE		FT. WORTH	TX	76107	817.357.7778	VANAN TENDU	vanan@efficiencyshoring.com		VANAN TENDU	[Signature]
U.S. PIPE	5200 Buckhorn Way		Edmond	OK	73034	405.671.3422	Jeff Peterson	jeff@uspipe.com		Jeff Peterson	[Signature]
GASKE, Inc.	6000 Prairie		TX				Kent Smith	kent@gaske.com		Kent Smith	[Signature]
Benmark Supply	2837 S. Standish		Abilene	TX	79602	817.338.7063	Dustin Brown	dustin@benmarksupply.com		Dustin Brown	[Signature]
Forwards & Equival	214 E. College St		Proctor	TX			Forwards & Equival			Forwards & Equival	[Signature]
Paul Sharp	214 E. College St		Proctor	TX			Paul Sharp	psharp@sharp.com		Paul Sharp	[Signature]

MEMORANDUM FOR RECORD

DATE: September 15, 2015

TO: All Planholders

FROM: Dean Hinton, P.E.
Corlett, Probst & Boyd, PLLC

RE: Mandatory Pre-Bid Conference for the Permanent Indirect Potable Reuse System Pipeline Project, CWF15-545-19

On September 15, 2015 at 2:00 P.M., a Mandatory Pre-Bid Conference for the Permanent Indirect Potable Reuse System Pipeline Project, CWF15-545-19 was held at City Hall, Memorial Auditorium, Room 500.

Mr. Shawn Garcia, P.E., City of Wichita Falls Project Manager, began with a brief welcome to all in attendance noting that the purpose of the Pre-Bid Conference was for clarification to the plans and specifications.

Brief introductions of City, CDM Smith, and Corlett, Probst & Boyd staff in attendance shortly followed. In attendance representing the City, were Mr. Shawn Garcia, P.E., Project Manager; Mr. Davis Powell, City Engineer; Mr. Mark Southard, Water Purification/Water Source Superintendent; Mr. Butch Leinweber, Water Purification Maintenance Supervisor; Mr. Mike Jensen, Chief City Inspector; and Mr. Jason Spencer, Project Inspector. In attendance representing CDM Smith, was Mr. Chad Bartruff, P.E., Project Manager. In attendance representing Corlett, Probst & Boyd was Mr. Dean Hinton, P.E., Project Engineer, and Mr. Luke Canan. A list of attendees is attached to this memorandum as a record of attendance as attendance at this pre-bid conference is a mandatory requirement in the bid process.

Sealed Bids are to be submitted by 2:00 P.M. on September 29, 2015 at the Purchasing Office, which is Room 113 of the Memorial Auditorium. The official clock is that of the Purchasing Office. They will be opened and read the same day at 2:15 P.M., in Room 500.

The project is to be bid as specified unless an addendum is published. Any published addenda will be sent to all plan holders, and must be signed and returned with the bid or the bid will be rejected. All bidders are encouraged to use the "Caution to Bidders" checklist to ensure administrative correctness of all bids.

Mr. Garcia provided a brief overview of the project. This reuse pipeline project is approximately 17 miles long from the City's River Road Wastewater Treatment Plant to

Lake Arrowhead. It is divided into 3 phases with pipe in Phase 1 being new Ductile Iron provided and installed by the Contractor, Phase 2 being HDPE pipe provided by the City and installed by the Contractor, and the Outfall Phase being HDPE pipe provided by the City and installed by the Contractor.

The Project Time is 540 Calendar Days. Engineer's Estimate of Probable Cost is \$12,855,000.00.

This project will be performed in coordination with an improvements project at the River Road Wastewater Treatment plant which will include additional treatment facilities and a pump station.

Mr. Bartruff provided a brief overview of Special Considerations including TWDB requirements, American Iron and Steel requirements. Wage Rate requirements, Environmental information and requirements, and permit/coordination requirements.

1. This project is funded with Texas Water Development Board (TWDB) funds under the Clean Water SRF Program (CWSRF Tier 2). There are CWSRF TIER 2 forms which must be included with the bid. These are WRD-0255 "Bidder's Certification – Equal Employment Opportunity / Non-Segregated Facilities" and TWDB-0549 "Vendor Compliance with Non-Resident Bidder Requirements
2. This project must meet American Iron and Steel (AIS) Requirements in accordance with TWDB Publication TWDB-1106.
3. Wage Rates – this project must comply with Davis-Bacon wage rates. Form DB-0155 "Statement of Compliance by Contractor" will be required. Updated wage rates will be verified as required by the TWDB requirements and published as an addendum within 10 days of the bid opening.
4. Archaeological requirements regarding this project are addressed on General Note 34, Plan Sheet 1.
5. Biological/Habitat requirements regarding this project are addressed on General Notes 33 and 39, Plan Sheet 1.
6. Project permitting was summarized and attendees were notified that permits, as applicable to the project, will be coordinated by the Owner for the following:
 - a. US Army Corps of Engineers (USACE) for Nationwide Permit – 12 (NWP-12) – Notes 16 and 18
 - b. TxDOT right-of-way crossings – Note 15
 - c. County roadway crossings
 - d. Railroads (Union Pacific and Burlington Northern Santa Fe) – Notes 29 and 30
 - e. Flood Plain Permits (City of Wichita Falls, Counties of Wichita, Clay and Archer)
7. Project permitting for the Storm Water Pollution Prevention Plan (SWPPP) per the Texas Commission on Environmental Quality (TCEQ)

requirements is the responsibility of the Contractor, and shall be obtained based on their proposed construction activities. – Note 18.

8. NWP-12: attendees were advised that best management practices (BMPs) for erosion and sedimentation control during construction and total suspended solids control post-construction must be utilized as per the permit and associated regulatory requirements for protection of water quality.

Mr. Hinton then provided a more in-depth overview of the project.

1. Mobilization is to be no more than 5% of total bid (Bid Item 1).
2. Phase 1 to be new ductile iron, phase 2 and outfall phase will be provided HDPE.
3. Bored/cased installations will be performed where shown on the plans. Note that the railroad installations are a thicker casing.
4. Double-ditching will be done per note 31 (General Notes, Plan Sheet 1).
5. Easement requirement for seeding per note 32 (General Notes, Plan Sheet 1).
6. Vegetative cover establishment per note 41 (General Notes, Plan Sheet 1).
7. Condition, inspection and responsibility for provided HDPE pipe shall be as per note 36, Plan Sheet 1. Provided HDPE pipe is located on property at the Business Park.
8. Right of way access is to be thru City acquired easements and public right of way.
9. Monthly meetings and scheduling per spec 01 30 00 & 01 31 00 will be required.
10. A Traffic Control plan will be required.
11. CPB has set control using panel points for aerial photogrammetry. Control points are identified on each plan sheet. As-built survey work will be required, see note 38 (General Notes, Plan Sheet 1).
12. Utilities have been located as marked by utilities and pipeline companies thru Dig-Tess. It is contractor's sole responsibility to locate all utilities.
13. This project will connect to the discharge line from the new pump station at the River Road Wastewater Treatment Plant. Provisions have been made in the plans for a cap and concrete block to be placed under this contract for testing purposes.
14. Inspection will be performed on a daily basis by City inspectors. The TWDB inspector will randomly inspect the project and will attend a monthly inspection.
15. Project contract time is 540 calendar days. Warranty starts after final completion of the entire project and the project is accepted by the City.
16. Liquidated damages are to be \$500/day.
17. Sequence of work and work constraints to be per note 36 (General Notes, Plan Sheet 1).

18. The Outfall Phase is to be performed utilizing provided HDPE in accordance with the plans and specifications.

It is expected that an addenda to be issued early next week that addresses questions brought up during today's meeting and through the week. Contractors must include a signed copy of all addenda with their bid package.

The floor was then opened for questions.

The following questions were asked:

Q1: Holiday Creek crossing shows to be DI with restrained joint bends, open cut. Would boring this line under the creek be considered?

A1: Boring will be considered, but open cut is designed intent and contractor shall bid as specified.

Q2: Is project tax exempt?

A2: Yes.

Q3: Will the city cut the provided HDPE pipe anymore?

A3: HDPE pipe will be given to contractor as-is. (Clarification: The HDPE pipe is being provided as is and the contractor is responsible for all handling of pipe material from the stored location to the job site. The contractor is encouraged to examine the location of storage and condition of the pipe material in advance. The City will intend to have an representative on-site to observe Contractor handling of the pipe. Refer to bid documents for additional information related to provided piping).

Q4: What are the current city water rates?

A4: Contractor has two options for water. Effluent from River Road Wastewater Treatment Plant or fire hydrant meter within city limits. All water will be metered. Fees will be waived. Only cost associated will be for additional water used due to pressure testing failure. See Note 10 of the General Notes (plan sheet 3).

Q5: Alternative bid item 3 shows 3-30" butterfly valves, not 4. Should it be 4?

A5: Clarification: There are 3-30" Butterfly Valves and 1-36" Butterfly Valve shown on the Alternate Bid.

Q6: Specifications state water line to be chlorinated and disinfected prior to discharge into lake. Is this required or necessary? Can line simply be flushed like raw water line?

A6: The City Standard Specifications conflicts with the project specifications on this item. An addendum will be issued to address this. (Clarification: Disinfection will not be required.)

Q7: In regards to Bid Proposal Form and numerous bid items to fill in, would addition of deduct line item be considered to help bidders out with last minute cuts?

A7: No.

Q8: What is the intent of bid item #55?

A8: There are 4 or 5 joints that had taps on them. The intent of this item is to be used for additional cuts as deemed necessary by Engineer/Owner to provided pipe. For quantity purposes, it was noted that 1220 joints of pipe are currently stored at HDPE pipe yard. Each joint was originally 53' long. A loss of approximately 1' has been estimated to be necessary for re-facing each end for fusing, making each joint 52'. This quantity of pipe is to be provided and installed per the Pay Items as specified. Item #55(Base Bid) and #54(Alternate Bid) is specifically for any additional cuts needed in the event a damaged section of pipe is encountered before the Contractor loads the pipe and it is required to be removed prior to installation.

Q9: Was the HDPE pipe originally laid on top of the ground?

A9: Yes.

Q10: Do fittings fall under the "Buy American Clause"?

A10: Yes. (Clarification: Contractor shall refer to the TWDB-1106 American Iron and Steel (AIS) Guidance for Clean Water & Drinking Water State Revolving Fund Projects guidance document for reference to items that are required to be domestically produced. In reference to the stated question, the guidance document states AIS requirements are applicable to products made primarily of iron or steel permanently incorporated into the public water system or treatment works and in the document 'lined or unlined pipes or fittings' are explicitly listed).

Q11: The specifications call for Restrained Joint Fittings. Are standard fittings with Mechanical Restraints (i.e. Mega-lugs) acceptable for restrained joint fittings?

A11: Yes. An addendum will be issued if necessary to clarify this.

Q12: There is an area for pipe to be installed between two railroad tracks (Sheets 20 & 21). How do you access area if you can't cross tracks with equipment?

A12: The City will obtain Temporary Access Agreements for the two parcels of land utilized to access this area. An addendum will be issued if necessary to clarify this.

Q14: In reference to Data Logging/Recording and Fusing Specification 33 11 00-8, there is a reference to 6-1.1. Where is this section?

A14: This reference will be addressed in an addendum.

Q15: Why is there not a bid item for SW3P? What item is it to be included with?

A15: Clarification: This is Bid Item 31 on both the Base Bid and the Alternate Bid.

Q16: Additional questions should be directed to whom?

A16: Email additional questions to Dean Hinton (tdh@cpbwf.com) with a copy to Luke Canan (ldc@cpbwf.com) or via phone at 940/723-1455.

Q17: Is excess spoil material and/or construction debris to be hauled to City Landfill? What are fees?

A17: Contractor has option to haul to City Landfill. If opt to, all fees will be waived. If Contractor elects to haul elsewhere, they are required to provide documentation noting site for disposal. (See General Notes #8 and 31, Plan Sheet 1)

Q18: Contractor vs. Owner responsibility on provided HDPE pipe? If pipe happens to fail at new fused joint as installed by Contractor, then that failure is on Contractor, right? If pipe itself happens to fail, then that failure is on Owner, right?

A18: Correct. See General Note 36, Plan Sheet 1 and Specification Section 01 20 00. Contractor will only be held responsible for failure of welds.

Q19: On that same subject, who is responsible for repair of line and who will repair line if HDPE pipe itself fails?

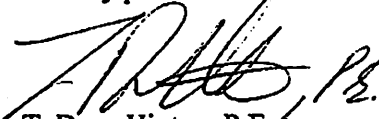
A19: Owner will be responsible for all cost associated with repair of line in event provided HDPE pipe fails.

Q20: In regards to project warranty, will Contractor be responsible for warranty on provided HDPE pipe?

A20: No. See General Note 36, Plan Sheet 1.

The meeting was then adjourned and all attendees were strongly encouraged to visit the HDPE storage location. It was also noted that any request for pipe alignment site visits would need to be coordinated.

Bidders should contact Mr. Dean Hinton, P.E., Corlett Probst & Boyd, at (940) 723-1455 (tdh@cpbwf.com and ldc@cpbwf.com) with any questions. All plan holders will receive a copy of the meeting minutes, questions and answers, attendees list, caution to bidders, and any published addendum.



T. Dean Hinton, P.E.
Project Engineer

Attachments:

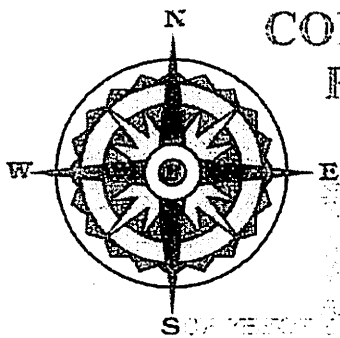
Pre-Bid Attendees List
Caution to Bidders Sheet

Cc w/o Attachments:

Russell Schreiber, P.E., Director of Public Works
Teresa Rose, P.E., Deputy Director of Public Works
Davis Powell, P.E., City Engineer
Shawn Garcia, P.E., Project Manager
Daniel Nix, Utility Operations Manager
Mark Southard, Water Purification Superintendent
Mike Jensen, Chief Project Inspector
Jason Spencer, Project Inspector
Chad Bartruff, P.E., CDM Smith
Dean Hinton, P.E., CP&B, Project Engineer

CAUTION TO BIDDERS

- a) Are all addenda and TWDB forms included in your proposal and signed?**
- b) Has the proposal been signed by the proper company official and sealed, where appropriate?**
- c) Do the written unit prices agree with the numerical unit prices and have any changes been initialed?**
- d) Have the mathematical extensions of the unit price and quantities been checked for correctness?**
- e) Is the bid guarantee for the correct amount as set forth in the instruction to bidders?**
- f) Has the bid guarantee been signed by the proper authority and is it on the form included in the specifications?**
- g) Have all bid items been responded to as required in the proposal form?**
- h) Has the bid proposal form been checked to ensure that no disqualification of the bid has been made?**
- i) Has the proposal form been submitted in a sealed envelope and identified properly as set forth in the specifications?**
- j) Has the bid proposal envelope been submitted to the place specified in the Notice to Bidders?**
- k) Has the bid been submitted prior to the time specified in the Instruction to Bidders?**



**CORLETT,
PROBST &
BOYD, P.L.L.C.**

Texas Registered Engineering Firm No. 179

Principals

Dennis L. Probst, P.E., R.P.L.S.
T. Dean Kinton, P.E.

**TEXAS WATER
DEVELOPMENT BOARD**

REVIEWED: Yad

APPROVED: J. Aaron Duane, P.E.

DATE: Oct 30 2015

September 25, 2015

TO: All Plan holders

**PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE
PROJECT - CWF15-545-19**

Wichita Falls, Texas
Bid Date: September 29, 2015

FROM: Corlett, Probst & Boyd, PLLC
4605 Old Jacksboro Highway
Wichita Falls, TX 76302

SUBJECT: Transmittal of Addendum No. 2 and Related Information

Transmitted herewith are:

1. Addendum No. 2.
2. Current List of Plan holders.

Addenda 1 was transmitted on September 22, 2015.

The attention of all bidders is directed to the fact that the Proposal Form requires that a signed copy of EACH ADDENDA be submitted with the Proposal. Failure to comply with this requirement will result in the disqualification of the Bid.

ADDENDUM NO. #2

**TO
PLANS AND SPECIFICATIONS
FOR**

**PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE PROJECT
CWF15-545-19
CITY OF WICHITA FALLS, TEXAS**

September 25, 2015

Bid Date: September 29, 2015

The following changes to the plans, specifications, and contract documents for the Permanent Indirect Potable Reuse System Pipeline Project, CWF15-545-19, shall supersede the appropriate parts of the original plans and specifications and shall be incorporated as part of the contract.

SPECIFICATION REVISIONS:

1. SECTION 33 11 00

Paragraph 2.01.E. Replace with the following paragraph:

"E. All buried ductile iron pipe, fittings, valves, and other appurtenances shall be encased with one layer of polyethylene film in accordance with ANSI A 21.5/AWWA C105. In addition, polyethylene encasement shall consist of three layers of co-extruded linear low density polyethylene (LLDPE), fused into a single thickness of not less than 8 mils.

The inside surface of the polyethylene wrap to be in contact with the pipe exterior shall be infused with a blend of anti-microbial biocide to mitigate microbiologically influenced corrosion and a volatile corrosion inhibitor to control galvanic corrosion.

Ductile iron pipe and the polyethylene encasement used to protect it shall be installed in accordance with AWWA C600 and ANSI/AWWA C105/A21.5 and also in accordance with all recommendations and practices of the AWWA M41, Manual of water Supply Practiced – Ductile Iron Pipe and fittings. Specifically, the wrap shall be overlapped one foot in each direction at joints and secured in place around the pipe and any wrap at tap locations shall be taped tightly prior to tapping and inspected for any needed repairs following the tap.

At all locations where flowable fill bedding for ductile iron pipe installation is shown on the plans, the polywrap shall be banded tightly to the pipe with tape at no more than 2 ft. on center with the tape completely encircling the polywrap on the pipe.

All installations shall be carried out by personnel trained and equipped to meet these various requirements. Joint tape for joining adjacent strips of polyethylene film, repairing tears, etc. shall be self-sticking PVC or polyethylene

tape a minimum of 10 mils thick equal or superior to Chase "Chasekote 750", Kendall "Polyken 900", or 3M "Skotchrap 50".

The contractor shall submit an affidavit stating compliance with the requirements and practices of ANSI/AWWA C150/A21.50, ANSI/AWWA C151/A21.51, ANSI/AWWA C105/A21.5, AWWA C600, and M41.

2. Section 33 11 00, Paragraph 3.01.C.5.A.2. Replace with the following paragraph:
"2. Physical Examination: All operators must perform a minimum of two welds, each weld must pass a visual examination per paragraph B and mechanical tests per paragraph C."
3. Section 33 11 00, Paragraph 3.01.C.7.B.1.1) Replace with the following paragraph:
"1) That all data required by paragraph 3.01.C.7.A.1. was recorded."

DRAWINGS REVISIONS:

1. SHEET 1 – Change Note 20 to read "20. TEXAS WATER DEVELOPMENT BOARD (TWDB) FUNDING REQUIRES THAT THIS PROJECT CONFORM WITH THE "AMERICAN IRON AND STEEL REQUIREMENT" AS OUTLINED IN THE SPECIFICATIONS AND PROVIDED ON TWDB PUBLICATION TWDB-1106. ANY CONTRACT(S) AWARDED UNDER THIS INVITATION FOR BIDS IS/ARE SUBJECT TO THE AMERICAN IRON AND STEEL (AIS) REQUIREMENTS OF SECTION 608 OF THE FEDERAL WATER POLLUTION CONTROL ACT.
2. SHEET 1 – REPLACE Note 4 with the following note:
"4. Prior to pipe installation, clear the Lake construction path to remove underwater and lake bed obstacles along the Contractor selected alignment within the designated right-of-way. Removal of obstacles and work within the Lake is under the jurisdiction of the USACE-Tulsa District and subject to the NWP-12 permit obtained for this project. As per guidance from the USACE-Tulsa District, obstacle removal shall generally be conducted in accordance with methods described in the USACE-Tulsa District, 'Guidelines for Sand and Gravel Mining', Section E, Paragraph E1 to allow for removal, collection and disposal of an obstacle in question. Disturbed material shall not be relocated within the Lake, but shall be removed. Reference General Note 8, Sheet 1 regarding disposal of materials.
3. SHEET 3 - Change the test pressures at the following locations to read as follows:

0+10	300 psi
146+27 (upstream of valve)	286 psi
146+27 (downstream of valve)	236 psi
283+75 (upstream of valve)	229 psi

Test pressure elevation shall be adjusted as follows:

From Station 0+10 to Station 146+27	1,626 ft.
From Station 146+27 to Station 283+75	1,511 ft.

Test pressures based on 30-inch base bid pressure classes. Some adjustment to test pressure may be required if the alternate bid is selected by the Owner.

4. SHEET 90 – BEDDING, BACKFILL AND MATERIALS REQUIREMENTS
DETAIL, under Flowable Fill Design and Construction Notes, add the following paragraph:

5. At all locations where flowable fill bedding for ductile iron pipe installation is shown on the plans, the polywrap shall be banded tightly to the pipe with tape at no more than 2 ft. on center with the tape completely encircling the polywrap on the pipe.

5. SHEET 93 – Change the test pressures on these two Butterfly Valve Details as follows:

146+27	upstream 286 psi, downstream 236 psi
262+32	upstream 229 psi, downstream unchanged

End of Addendum No. 2

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. #2:

(Contractor)

By:

(signed)

(printed)

**CAUTION: FAILURE TO SUBMIT THIS SIGNED ADDENDUM WITH
THE BID PROPOSAL FORM WILL BE CAUSE FOR
REJECTION OF BID.**

CORLETT, PROBST & BOYD, PLLC


T. Dean Hinton, P.E.

Project Engineer

9-25-15



PROJECT: PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE

PM: TDH
Estimate \$12,855,000

CLIENT: CITY OF WICHITA FALLS

BID DATE: 9/29/15
Pre Bid: 9/15/15

PLANHOLDER'S LIST

Name:	Address 1	Address 2	City	State	Zip	Phone:	Fax:	Contact	Email	Cell Phone #:
City of Wichita Falls	1300 7th St		Wichita Falls	TX	76301	940-761-7477		Shawn Garcia	shawn.garcia@wichitafallstx.gov	
City of Wichita Falls	1300 7th St		Wichita Falls	TX	76301	940-761-7477		Shawn Garcia	shawn.garcia@wichitafallstx.gov	
CDM Smith	100 Throckmorton St	Suite 600	Fort Worth	TX	76102	817-332-8727		Chad Bartruff	BartruffCD@cdmsmith.com	
CDM Smith	100 Throckmorton St	Suite 600	Fort Worth	TX	76102	817-332-8727		Chad Bartruff	BartruffCD@cdmsmith.com	
CDM Smith	100 Throckmorton St	Suite 600	Fort Worth	TX	76102	817-332-8727		Chad Bartruff	BartruffCD@cdmsmith.com	
CDM Smith	100 Throckmorton St	Suite 600	Fort Worth	TX	76102	817-332-8727		Chad Bartruff	BartruffCD@cdmsmith.com	
Bowles Construction	7001 Jackboro Hwy		Wichita Falls	TX	76310	940-766-3518		Doug Berend	doug@bowles-sonst.com	
AH Civil Constructors	4200 Ridgeway Circle	Suite 11	Amarillo	TX	79109	806-367-6043		Saul Hernandez	saulh@mh-civil.com	
Gartensen Contracting	1507 7th St SE		Pipestone	MN	56164	507-825-2028		Steve Olson	solson@cdmn.net	507-215-3923
Spiras Construction Co., Inc.	1110 E. Clark Ave	Suite 210	Santa Maria	CA	93455	805-937-5659		Laura Jevon	ljavon@scitanks.com	
West Texas AGC	3100 Seymour Hwy	214	Wichita Falls	TX		940-322-0100		Danna Crobb	wfagc@wfwf.com	
Webber LLC	9303 New Trails Drive	Suite 200	The Woodlands	TX	77381	281-887-8787		Laura French	lfrench@webber.com	
S.J. Louis Construction	620 S. 6th Ave		Mansfield	TX	76063	817-477-0320		Elizabeth Ingram	elizabeth@silvuls.com	
BRB Contractors	3805 NW 25th St		Topeka	KS	66618	785-260-1160		Heather Endsley	heatherendsley@brbcontractors.com	
Layne Heavy Civil	300 E Broad St		Fairburn	GA	30213	878-294-3081		Sandra Murphy	sandra.murphy@layne.com	
North Texas Contracting	4999 Ketter Haslet Rd		Ketter	TX	76244	817-430-9500		Zach Fuller	zach@ntlexcon.com	817-819-6681
McKee Utility Contractors	2319 W Main St		Prague	OK	74964			Shane McKee	shane@mcckeeutility.com	
Rural Pipe & Supply	809 Visador Rd		Jasper	TX	75951	409-384-5800		Charles Cowan	ccowan@ruralpipe.com	
Merrymen Excavation	1501 Lamb Rd		Woodstock	IL	60098	815-337-1700		Jennifer Graft	jennifer.graft@merrymenexcavation.com	
American Ductile Iron Pipe	P.O. Box 153988		Irving	TX	75015	214-616-3217		Bink Green	wegreen@american-usa.com	
Cothran Construction	987 Sheppard Access Rd		Wichita Falls	TX	76300	940-636-4951		Denny Cothran	cothran@cothranconstruction.com	
Construction Market Data Group	30 Technology Pkwy S		Norcross	GA	30092	323-602-6079		Brent Flores	brent.flores@cmdgroup.com	
ISQFT	4500 Lake Forest Dr		Cincinnati	OH	45242	800-364-2059		Sara Hutchison	shutchison@isqft.com	
Construction News Reporter	4047 Naco Pkwy	Suite 100	San Antonio	TX	78217	214-687-9000		Isabel Rivera	isabel@virtuallb.com	
APECK Construction	7055 Shreveport Hwy		Leesville	LA	71445	337-239-8353		Doc Henry	offices@apeckconstruction.com	
Gamey Construction	101 E FM 813		Palmer	TX	75162	802-470-0001		Doc Sander	dsander@gamey.com	
Dodge Data & Analytics	3315 Central Ave		Hot Springs	AR	71913	800-393-6343		Kathy Marshall	kathy.marshall@construction.com	
Pioneer Supply	2008 Pole Rd		Moore	OK	73160	405-794-7705		David Moore	dmoorepioneer@coxnet.net	
Corlett, Probst & Boyd	4605 Old Jackboro Hwy		Wichita Falls	TX	76302	940-723-1455		Dean Hinton	tdh@cpbwf.com	
Corlett, Probst & Boyd	4605 Old Jackboro Hwy		Wichita Falls	TX	76302	940-723-1455		Luke Canan	luc@cgbwf.com	

PROJECT: PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE

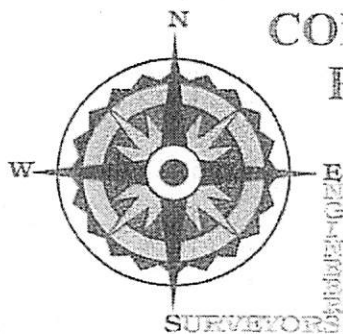
PM: TDH
Estimate \$12,855,000

CLIENT: CITY OF WICHITA FALLS

BID DATE: 9/29/15
Pre Bid: 9/15/16

PLANHOLDER'S LIST

Name:	Address 1	Address 2	City	State	Zip	Phone:	Fax:	Contact	Email	Cell Phone #:
S & J Construction	1014 S Redmond Rd		Jacksonville	AR	72076	501-985-2111		Pat Flowers	spatflowers@gmail.com	
Oscar Ronda Contracting	606 Henrietta Creek Rd		Rossmore	TX	76262	817-491-2703		Janie Rodriguez	janie@oscaronda.com	
Matthews Trenching	919 S Fairmont Ave		Oklahoma City	OK	73129	405-677-4626		Philip Ferguson	pferguson@mtciokc.com	
NTCR Plan Room	2828 Trinity Mills Rd		Carrollton	TX	75006	972-820-9020		Linda Gent	linda@nmtckusa.com	
A.B.C. Red-Mix Inc.	PO Box 1739		Wichita Falls	TX	76306	940-723-0944		Donny Boles Jr.	donnyb@wsqconcrete.com	
Kodlak Trenching & Boring	PO Box 93929		Southlake	TX	76092	817-720-2581		Brad Cadlett	bradc@kodlak-us.com	



**CORLETT,
PROBST &
BOYD, P.L.L.C.**

Texas Registered Engineering Firm E-279

Principals

Dennis L. Probst, P.E., R.P.L.S.
T. Dean Hinton, P.E.

**TEXAS WATER
DEVELOPMENT BOARD**

REVIEWED: yad

APPROVED: J. Dean Hinton P.E.

DATE: Oct 30 2015

September 28, 2015

TO: All Plan holders

PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE
PROJECT - CWF15-545-19

Wichita Falls, Texas
Bid Date: September 29, 2015

FROM: Corlett, Probst & Boyd, PLLC
4605 Old Jacksboro Highway
Wichita Falls, TX 76302

SUBJECT: Transmittal of Addendum No. 3 and Related Information

Transmitted herewith are:

1. Addendum No. 3.
2. Current List of Plan holders.
3. Addenda 1
4. Addenda 2
5. Bid proposal (Base & Alternate Bids)
6. TWDB Form WRD-255 Bidder's Certifications
7. TWDB Form TWDB-0459 Vendor Compliance with Reciprocity on Non-Resident Bidders

Addenda 1 was transmitted on September 22, 2015.

Addenda 2 was transmitted on September 25, 2015.

The attention of all bidders is directed to the fact that the Proposal Form requires that a signed copy of EACH ADDENDA be submitted with the Proposal. Failure to comply with this requirement will result in the disqualification of the Bid.

ADDENDUM NO. #3

**TO
PLANS AND SPECIFICATIONS
FOR**

**PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE PROJECT
CWF15-545-19
CITY OF WICHITA FALLS, TEXAS**

September 28, 2015

Bid Date: September 29, 2015

The following changes to the plans, specifications, and contract documents for the Permanent Indirect Potable Reuse System Pipeline Project, CWF15-545-19, shall supersede the appropriate parts of the original plans and specifications and shall be incorporated as part of the contract.

SPECIFICATION REVISIONS:

1. SECTION C – INSTRUCTION TO BIDDERS Add after paragraph 9.2:

Contingent Award of Contract. This contract is contingent upon release of funds from the Water Development Board. Any contract or contracts awarded under this Invitation for Bids are expected to be funded in part by a loan or grant from the Texas Water Development Board, and a grant from the United States Environmental Protection Agency (U.S. EPA.) Neither the State of Texas, or U.S. EPA nor any of its departments, agencies, or employees are or will be a party to this Invitation for Bids or any resulting contract.

2. SECTION D – BID PROPOSAL FORM

Attached is a revised BID PROPOSAL FORM for Bidders to utilize for Bidding. Quantities of the following bid items have been adjusted as follows:

Base Bid Item 26	Changed the quantity for owner provided HDPE in flowable fill bedded trench from 70 LF to 605 LF.
Base Bid Item 27	Changed the quantity for owner provided HDPE in

casing from 672 LF to 137 LF.

Alternate Bid Item 26	Changed the quantity for owner provided HDPE in flowable fill bedded trench from 70 LF to 605 LF.
Alternate Bid Item 27	Changed the quantity for owner provided HDPE in casing from 672 LF to 137 LF.
Base Bid Item 10	Changed the quantity for installed casing from 645 LF to 782 LF
Alternate Bid Item 11	Changed the quantity for installed casing from 645 LF to 782 LF

3. SECTION Q – Page 2

Add the following to the end of Section Q:

ENVIRONMENTAL, HISTORICAL AND ARCHAEOLOGICAL REQUIREMENTS:

1. A NATIONWIDE PERMIT (NWP-12) FOR UTILITY LINE ACTIVITIES WITH THE U.S. ARMY CORPS OF ENGINEERS, TULSA DISTRICT, HAS BEEN OBTAINED BY THE CITY. COPIES WILL BE PROVIDED TO THE CONTRACTOR AND ARE AVAILABLE TO BIDDERS FROM THE ENGINEER UPON REQUEST. COMPLIANCE WITH ALL REQUIREMENTS OF THIS PERMIT IS REQUIRED BY THIS CONTRACT. FOR NWP-12, TCEQ HAS PROVIDED CONDITIONAL SECTION 401 WATER QUALITY CERTIFICATION (WQC); THEREFORE, PROJECT ACTIVITIES MUST COMPLY WITH ALL SECTION 401 WQC CONDITIONS.

A STORM WATER POLLUTION PREVENTION PLAN (SWP3) PREPARED IN CONFORMANCE WITH THE U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 6, U.S. ARMY CORPS OF ENGINEERS (NWP-12), AND TEXAS COMMISSION ON ENVIRONMENTAL QUALITY CONSTRUCTION GENERAL PERMIT (TXR150000) REQUIREMENTS SHALL BE PREPARED BY THE CONTRACTOR IN ACCORDANCE WITH THESE ENTITIES AND THE SWP3 PLANS AND SPECIFICATIONS OF THIS PROJECT SHALL BE SUBMITTED FOR REVIEW BY ENGINEER AND CITY.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DRAINAGE AND DEWATERING OPERATIONS REQUIRED FOR THE PROPER CONSTRUCTION OF THIS PROJECT AND SHALL PROTECT ALL "WATERS OF THE US RECEIVING WATERS" AS SPECIFIED BY THE NWP-12 PERMIT. PROPER DISPOSAL OF PUMPED WATER AND MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

IN THE EVENT THAT THE FOLLOWING SPECIES OR THEIR SUITABLE HABITATS ARE ENCOUNTERED ON THE PROJECT SITE, THE FOLLOWING ACTIONS SHALL BE TAKEN AND THE CITY AND TEXAS PARKS AND WILDLIFE (TPWD) AUSTIN HEADQUARTERS SHALL BE NOTIFIED:

TEXAS HORNED LIZARD IS A TEXAS-LISTED THREATENED SPECIES BY TPWD: IF ANY TEXAS HORNED LIZARDS OR THEIR HABITAT, OR THEIR PRIMARY FOOD SOURCE (HARVESTER ANT NESTS) ARE OBSERVED DURING CONSTRUCTION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY TPWD HEADQUARTERS FOR ASSISTANCE AND TO DEVELOP AN APPROVED SPECIES RELOCATION PLAN FROM THE PROJECT SITE.

TEXAS KANGAROO RAT IS A TEXAS-LISTED THREATENED SPECIES BY TPWD: IF TEXAS KANGAROO RATS OR THEIR HABITAT OR THE PRESENCE OF HARVESTER ANTS (THEIR PRIMARY FOOD SOURCE) ARE ENCOUNTERED DURING PIPELINE CONSTRUCTION, THE TEXAS KANGAROO RATS SHALL BE ALLOWED TO SAFELY LEAVE THE SITE OR BE PROPERLY RELOCATED BY A TPWD-PERMITTED INDIVIDUAL TO UNDISTURBED HABITAT AREAS, AS APPROVED BY TPWD.

BLACK-TAILED PRAIRIE DOG IS A TEXAS-LISTED RARE SPECIES BY TPWD: BASED ON THE RESULTS OF THE PROJECT-SPECIFIC HABITAT ASSESSMENT, THE BLACK-TAILED PRAIRIE DOG IS NOT PRESENT ALONG THE PIPELINE ALIGNMENT. THE MAJORITY OF THE HABITAT ALONG THE ALIGNMENT IS NOT SUITABLE FOR THIS SPECIES. THEREFORE, THE PROPOSED PROJECT IS NOT LIKELY TO AFFECT THE BLACK-TAILED PRAIRIE DOG AND NO FURTHER ACTIONS ARE RECOMMENDED.

WESTERN BURROWING OWL IS A TEXAS-LISTED RARE SPECIES BY TPWD THAT IS PROTECTED UNDER THE MIGRATORY BIRD TREATY ACT: BASED ON THE RESULTS OF THE PIPELINE EASEMENT ASSESSMENT, MARGINAL HABITAT OCCURS SPORADICALLY WHERE PRAIRIE DOG BURROWS WERE FOUND.

THE CONTRACTOR SHALL COMPLY WITH THE MIGRATORY BIRD TREATY ACT (MBTA) WHICH IS ENFORCED BY THE U.S. FISH AND WILDLIFE SERVICE. ANY MIGRATORY BIRD SPECIES THAT ARE PROTECTED BY MBTA AND ARE FOUND NESTING ON OR ADJACENT TO THE PROJECT AREA SHALL CEASE ANY VEGETATION CLEARING ACTIVITIES IF DURING THE DESIGNATED BIRD NESTING SEASON (MARCH THROUGH AUGUST) TO AVOID ADVERSE IMPACTS TO MBTA-PROTECTED SPECIES.

4. UNANTICIPATED DISCOVERIES PLAN: IN THE EVENT THAT HUMAN REMAINS, ASSOCIATED FUNERARY OBJECTS OR POTENTIAL ARCHEOLOGICAL OR CULTURAL ARTIFACTS ARE ENCOUNTERED DURING CONSTRUCTION, EXCAVATION ACTIVITIES SHALL BE IMMEDIATELY HALTED. THE EXCAVATED AREA SHALL BE PROTECTED AND THE CONTRACTOR SHALL NOTIFY THE TEXAS HISTORICAL

5. COMMISSION HEADQUARTERS FOR ASSISTANCE AND THE CITY. THE SITE SHALL REMAIN PROTECTED AND UNDISTURBED UNTIL AN APPROPRIATE PLAN OF ACTION HAS BEEN DETERMINED.

End of Addendum No. 3

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. 3:

(Contractor)

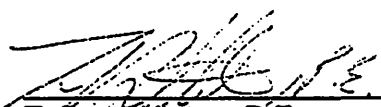
By:

(signed)

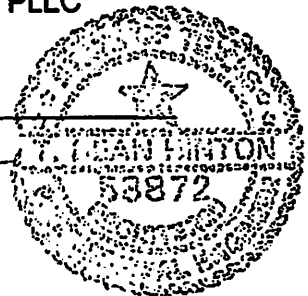
(printed)

CAUTION: FAILURE TO SUBMIT THIS SIGNED ADDENDUM WITH THE BID PROPOSAL FORM WILL BE CAUSE FOR REJECTION OF BID.

CORLETT, PROBST & BOYD, PLLC


T. Dean Hinton, P.E.
Project Engineer

9-28-15



PROJECT: PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE

PM: TDH
Estimate \$12,855,000

CLIENT: CITY OF WICHITA FALLS

BID DATE: 9/29/15
Pro Bid: 9/15/15

PLANHOLDER'S LIST

Name:	Address 1	Address 2	City	State	Zip	Phone:	Fax:	Contact	Email	Cell Phone #:
City of Wichita Falls	1300 7th St		Wichita Falls	TX	76301	940-761-7477		Shawn Garcia	shawn.garcia@wchitafalls.tx.gov	
City of Wichita Falls	1300 7th St		Wichita Falls	TX	76301	940-761-7477		Shawn Garcia	shawn.garcia@wchitafalls.tx.gov	
CDM Smith	100 Throckmorton St	Ste 600	Fort Worth	TX	76102	817-332-8727		Chad Bernuff	BernuffCD@cdmsmith.com	
CDM Smith	100 Throckmorton St	Ste 600	Fort Worth	TX	76102	817-332-8727		Chad Bernuff	BernuffCD@cdmsmith.com	
CDM Smith	100 Throckmorton St	Ste 600	Fort Worth	TX	76102	817-332-8727		Chad Bernuff	BernuffCD@cdmsmith.com	
CDM Smith	100 Throckmorton St	Ste 600	Fort Worth	TX	76102	817-332-8727		Chad Bernuff	BernuffCD@cdmsmith.com	
Bowles Construction	7001 Jacksboro Hwy		Wichita Falls	TX	76310	840-766-3518		Doug Bernd	doug@bowles-const.com	
MH CMI Constructors	4200 Ridgecrest Circle	Ste 11	Amarillo	TX	79109	806-367-6043		Saul Hernandez	saulh@mh-cmi.com	
Carson Construction	1507 7th St SE		Pipestone	MO	66164	807-625-2026		Steve Olson	solson@ccmn.net	807-215-3923
Spiras Construction Co., Inc.	1110 E. Clark Ave	Ste 210	Santa Maria	CA	93455	805-937-5859		Leura Jevon	ljevon@sccilinks.com	
West Texas AGC	3100 Seymour Hwy	214	Wichita Falls	TX		940-322-0100		Donna Crab	wagc@wfwtxc.com	
Webber LLC	9303 New Trails Drive	Ste 200	The Woodlands	TX	77381	281-987-8787		Leura French	lfrench@webber.com	
S.J. Louis Construction	520 S. 6th Ave		Mansfield	TX	76063	817-477-0320		Elizabeth Ingram	elizabethi@slouis.com	
BRB Contractors	3805 NW 25th St		Topeka	KS	66618	785-200-1160		Heather Endsley	heatherendsley@brbcontractors.com	
Layne Heavy Cnd	300 E Broad St		Fairburn	GA	30213	878-284-3081		Sandra Murphy	sandra.murphy@layne.com	
North Texas Contracting	4899 Keller Haslet Rd		Keller	TX	76244	817-430-9500		Zach Fuzder	zrach@ntxcon.com	817-819-8691
McKee Utility Contractors	2319 W Main St		Prague	OK	74964			Shane McKee	shane@mckeeutility.com	
Rural Pipe & Supply	809 Visador Rd		Jasper	TX	75951	409-384-5800		Charle Cowart	ccowart@ruralpipe.com	
Merrymen Excavation	1501 Lamb Rd		Woodstock	IL	60098	815-337-1700		Jennifer Graft	jennifer.graft@merrymenexcavation.com	
American Ductile Iron Pipe	P.O. Box 153888		Irvine	TX	75015	214-616-3217		Birk Green	wgreen@american-usa.com	
Cothran Construction	987 Sheppard Access Rd		Wichita Falls	TX	76300	940-636-4951		Denny Cothran	cothran@cothranconstruction.com	
Construction Market Data Group	30 Technology Pkwy S		Norcross	GA	30092	323-902-6079		Brent Flores	brent.flores@cmdgroup.com	
ISOFT	4500 Lake Forest Dr		Cincinnati	OH	45242	500-364-2059		Sara Hutchison	shutchison@isoft.com	
Construction News Reporter	4047 Itaco Pkwy	Ste 100	San Antonio	TX	78217	214-687-9000		Isabel Rivers	isabel@virtuallb.com	
APECK Construction	7085 Shreveport Hwy		Leesville	LA	71446	337-239-6353		Dee Henry	deeh@apeckconstruction.com	
Garney Construction	101 E FM 813		Palmer	TX	76152	802-470-0001		Dee Sander	dsander@garney.com	
Dodge Data & Analytics	3315 Central Ave		Hot Springs	AR	71913	800-393-6343		Kathy Marshall	kathy.marshall@construction.com	
Plumtree Supply	2008 Pole Rd		Moore	OK	73160	405-794-7705		David Moore	dmoore@plumtree@cox.net	
Corlett, Probst & Boyd	4605 Old Jacksboro Hwy		Wichita Falls	TX	76302	940-723-1455		Dean Hinton	dh@cpbwf.com	
Corlett, Probst & Boyd	4605 Old Jacksboro Hwy		Wichita Falls	TX	76302	940-723-1455		Luke Conner	luc@cpbwf.com	

PROJECT: PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE

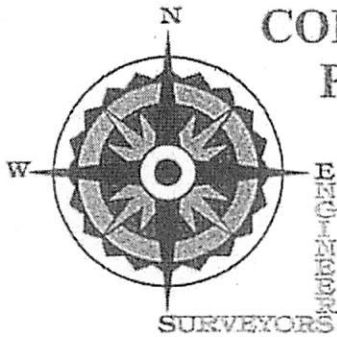
PM: TDH
Estimate \$12,855,000

CLIENT: CITY OF WICHITA FALLS

BID DATE: 9/29/16
Pro Bid: 9/15/16

PLANHOLDER'S LIST

Name:	Address 1	Address 2	City	State	Zip	Phone:	Fax:	Contact	Email	Cell Phone #:
S & J Construction	1014 S Redmond Rd		Jackson/Ca	AR	72076	501-885-3111		Pat Flowers	sjaflowers@gmail.com	
Oscar Renda Contracting	608 Harviata Creek Rd		Roanoke	TX	76232	817-491-2703		Janie Rodriguez	janle@oscarrenda.com	
Mathews Trenching	019 S Fairmont Ave		Oklahoma City	OK	73129	405-677-4825		Philp Ferguson	pferguson@mtcokc.com	
NTCR Plan Room	2828 Trinity Mills Rd		Carrollton	TX	75006	972-820-9020		Linda Gent	linda@amtekusa.com	
A.B.C. Red-Mix Inc.	PO Box 1739		Wichita Falls	TX	76306	940-723-0944		Donny Bates Jr.	donnyb@wsgconcrete.com	
Kodiak Trenching & Boring	PO Box 93929		Southlake	TX	76092	817-729-2581		Brad Catlett	bradc@kodiak-us.com	



**CORLETT,
PROBST &
BOYD, P.L.L.C.**

Texas Registered Engineering Firm P-279

Principals

Dennis L. Probst, P.E., R.P.L.S.
T. Dean Hinton, P.E.

September 22, 2015

TO: All Plan holders

PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE
PROJECT - CWF15-545-19

Wichita Falls, Texas
Bid Date: September 29, 2015

FROM: Corlett, Probst & Boyd, PLLC
4605 Old Jacksboro Highway
Wichita Falls, TX 76302

SUBJECT: Transmittal of Addendum No. 1 and Related Information

Transmitted herewith are:

1. Addendum No. 1.
2. Current List of Plan holders.
3. Pre-bid Conference Memorandum for Record.
4. Mandatory Pre-bid Conference Attendees List.
5. Caution to Bidders handout.

The attention of all bidders is directed to the fact that the Proposal Form requires that a signed copy of the Addenda be submitted with the Proposal. Failure to comply with this requirement will result in the disqualification of the Bid.

ADDENDUM NO. #1

**TO
PLANS AND SPECIFICATIONS
FOR**

**PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE PROJECT
CWF15-545-19
CITY OF WICHITA FALLS, TEXAS**

September 22, 2015

Bid Date: September 29, 2015

The following changes to the plans, specifications, and contract documents for the Permanent Indirect Potable Reuse System Pipeline Project, CWF15-545-19, shall supersede the appropriate parts of the original plans and specifications and shall be incorporated as part of the contract.

SPECIFICATION REVISIONS:

SECTION M

Item 506.7. Disinfection and Bacteriological testing will not be required for this project.

SECTION 33 11 00

Paragraph 2.01.F. Rename as "F. Restrained joints for ductile iron pipe."

Paragraph 2.03.B. Change the second sentence to read "Unless specifically detailed otherwise, flanged fittings shall be used on all exposed piping and all other fittings shall be restrained mechanical joint (MegaLug by EBBA Iron, or approved equal).

DRAWINGS REVISIONS:

1. SHEET 5 – Change the note in the plan view at Station 0+10 to read:

**"STA. 0+10
BEGIN CONSTRUCTION PHASE 1
INSTALL CAP AND BLOCKING"**

2. SHEET 74 – "DIFFUSER SECTION". Change "Tideflex Series 35 Duckbill Flanged Check Valve, or equal" to read "Tideflex Series 35 Duckbill Flanged Check Valve, or equal with 316 Stainless Steel backing rings and BUNA-N elastomer body".
3. SHEET 74 – "VENT DETAIL". Change "Tideflex Series 35 Duckbill Flanged Check Valve, or equal" to read "Tideflex Series 35 Duckbill Flanged Check Valve, or equal with 316 Stainless Steel backing rings and BUNA-N elastomer body".
4. SHEET 74 – "CONSTRUCTION NOTES" – Change Note 2 to read:

"2. Clear underwater construction path to remove obstacles prior to installing pipe. Materials that must be cleared must be removed from the lake immediately without spillage and disposed of as waste material per General Note 8, Sheet 1 of the Plans."

GENERAL:

1. Clarification: There is no MWBE goal for this project and no MWBE Good Faith efforts are required for the Wichita Falls (CWSRF-#73695) Tier II project.

End of Addendum No. 1

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. #1:

(Contractor)

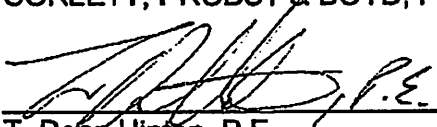
By:

(signed)

(printed)

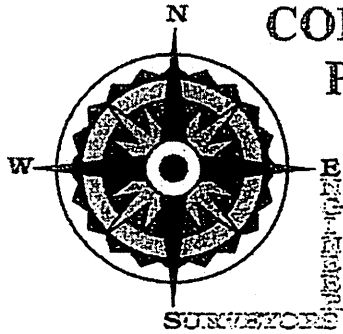
CAUTION: FAILURE TO SUBMIT THIS SIGNED ADDENDUM WITH THE BID PROPOSAL FORM WILL BE CAUSE FOR REJECTION OF BID.

CORLETT, PROBST & BOYD, PLLC


T. Dean Hinton, P.E.
Project Engineer

9-22-15





**CORLETT,
PROBST &
BOYD, P.L.L.C.**

Texas Registered Engineering Firm F-279

Principals

Dennis L. Probst, P.E., R.P.L.S.
T. Dean Hinton, P.E.

September 25, 2015

TO: All Plan holders

**PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE
PROJECT - CWF15-545-19**

Wichita Falls, Texas
Bid Date: September 29, 2015

FROM: Corlett, Probst & Boyd, PLLC
4605 Old Jacksboro Highway
Wichita Falls, TX 76302

SUBJECT: Transmittal of Addendum No. 2 and Related Information

Transmitted herewith are:

1. Addendum No. 2.
2. Current List of Plan holders.

Addenda 1 was transmitted on September 22, 2015.

The attention of all bidders is directed to the fact that the Proposal Form requires that a signed copy of EACH ADDENDA be submitted with the Proposal. Failure to comply with this requirement will result in the disqualification of the Bid.

ADDENDUM NO. #2

**TO
PLANS AND SPECIFICATIONS
FOR**

**PERMANENT INDIRECT POTABLE REUSE SYSTEM PIPELINE PROJECT
CWF15-545-19
CITY OF WICHITA FALLS, TEXAS**

September 25, 2015

Bid Date: September 29, 2015

The following changes to the plans, specifications, and contract documents for the Permanent Indirect Potable Reuse System Pipeline Project, CWF15-545-19, shall supersede the appropriate parts of the original plans and specifications and shall be incorporated as part of the contract.

SPECIFICATION REVISIONS:

1. SECTION 33 11 00

Paragraph 2.01.E. Replace with the following paragraph:

"E. All buried ductile iron pipe, fittings, valves, and other appurtenances shall be encased with one layer of polyethylene film in accordance with ANSI A 21.5/AWWA C105. In addition, polyethylene encasement shall consist of three layers of co-extruded linear low density polyethylene (LLDPE), fused into a single thickness of not less than 8 mils.

The inside surface of the polyethylene wrap to be in contact with the pipe exterior shall be infused with a blend of anti-microbial biocide to mitigate microbiologically influenced corrosion and a volatile corrosion inhibitor to control galvanic corrosion.

Ductile iron pipe and the polyethylene encasement used to protect it shall be installed in accordance with AWWA C600 and ANSI/AWWA C105/A21.5 and also in accordance with all recommendations and practices of the AWWA M41, Manual of water Supply Practiced – Ductile Iron Pipe and fittings. Specifically, the wrap shall be overlapped one foot in each direction at joints and secured in place around the pipe and any wrap at tap locations shall be taped tightly prior to tapping and inspected for any needed repairs following the tap.

At all locations where flowable fill bedding for ductile iron pipe installation is shown on the plans, the polywrap shall be banded tightly to the pipe with tape at no more than 2 ft. on center with the tape completely encircling the polywrap on the pipe.

All installations shall be carried out by personnel trained and equipped to meet these various requirements. Joint tape for joining adjacent strips of polyethylene film, repairing tears, etc. shall be self-sticking PVC or polyethylene

tape a minimum of 10 mils thick equal or superior to Chase "Chasekote 750", Kendall "Polyken 900", or 3M "Skotchrap 50".

The contractor shall submit an affidavit stating compliance with the requirements and practices of ANSI/AWWA C150/A21.50, ANSI/AWWA C151/A21.51, ANSI/AWWA C105/A21.5, AWWA C600, and M41.

2. Section 33 11 00, Paragraph 3.01.C.5.A.2. Replace with the following paragraph:
"2. Physical Examination: All operators must perform a minimum of two welds, each weld must pass a visual examination per paragraph B and mechanical tests per paragraph C."
3. Section 33 11 00, Paragraph 3.01.C.7.B.1.1) Replace with the following paragraph:
"1) That all data required by paragraph 3.01.C.7.A.1. was recorded."

DRAWINGS REVISIONS:

1. SHEET 1 – Change Note 20 to read "20. TEXAS WATER DEVELOPMENT BOARD (TWDB) FUNDING REQUIRES THAT THIS PROJECT CONFORM WITH THE "AMERICAN IRON AND STEEL REQUIREMENT" AS OUTLINED IN THE SPECIFICATIONS AND PROVIDED ON TWDB PUBLICATION TWDB-1106. ANY CONTRACT(S) AWARDED UNDER THIS INVITATION FOR BIDS IS/ARE SUBJECT TO THE AMERICAN IRON AND STEEL (AIS) REQUIREMENTS OF SECTION 608 OF THE FEDERAL WATER POLLUTION CONTROL ACT.
2. SHEET 1 – REPLACE Note 4 with the following note:
"4. Prior to pipe installation, clear the Lake construction path to remove underwater and lake bed obstacles along the Contractor selected alignment within the designated right-of-way. Removal of obstacles and work within the Lake is under the jurisdiction of the USACE-Tulsa District and subject to the NWP-12 permit obtained for this project. As per guidance from the USACE-Tulsa District, obstacle removal shall generally be conducted in accordance with methods described in the USACE-Tulsa District, 'Guidelines for Sand and Gravel Mining', Section E, Paragraph E1 to allow for removal, collection and disposal of an obstacle in question. Disturbed material shall not be relocated within the Lake, but shall be removed. Reference General Note 8, Sheet 1 regarding disposal of materials.
3. SHEET 3 - Change the test pressures at the following locations to read as follows:

0+10	300 psi
146+27 (upstream of valve)	286 psi
146+27 (downstream of valve)	236 psi
283+75 (upstream of valve)	229 psi

Test pressure elevation shall be adjusted as follows:

From Station 0+10 to Station 146+27	1,626 ft.
From Station 146+27 to Station 283+75	1,511 ft.

Test pressures based on 30-inch base bid pressure classes. Some adjustment to test pressure may be required if the alternate bid is selected by the Owner.

4. SHEET 90 – BEDDING, BACKFILL AND MATERIALS REQUIREMENTS
DETAIL, under Flowable Fill Design and Construction Notes, add the following paragraph:

5. At all locations where flowable fill bedding for ductile iron pipe installation is shown on the plans, the polywrap shall be banded tightly to the pipe with tape at no more than 2 ft. on center with the tape completely encircling the polywrap on the pipe.

5. SHEET 93 – Change the test pressures on these two Butterfly Valve Details as follows:

146+27	upstream 286 psi, downstream 236 psi
262+32	upstream 229 psi, downstream unchanged

End of Addendum No. 2

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. #2:

(Contractor)

By: _____

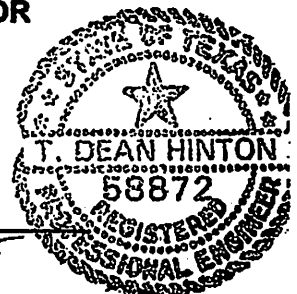
(signed)

(printed)

**CAUTION: FAILURE TO SUBMIT THIS SIGNED ADDENDUM WITH
THE BID PROPOSAL FORM WILL BE CAUSE FOR
REJECTION OF BID.**

CORLETT, PROBST & BOYD, PLLC


T. Dean Hinton, P.E.
Project Engineer



SECTION D - BID PROPOSAL FORM

Proposal of _____ hereinafter
called the "Bidder."

To: Mr. Darron Leiker
City Manager
City of Wichita Falls, Texas

Gentlemen:

The Bidder, in compliance with your Notice to Bidders for the **Permanent Indirect Potable Reuse System Pipeline Project, CWF15-545-19**, a project generally described as: the installation of 28,365 feet of 30-inch ductile iron water line, 60,635 feet of provided 32-inch OD HDPE water line, air valve assemblies, blowoff assemblies, boring and casing, street repair and associated work: having thoroughly examined the plans, specifications, Instructions to Bidders, Notice to Bidders, and all of the other related contract documents as amended by proper addenda, and the site(s) of the proposed work and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies; and to construct the project in accordance with the plans, specifications and contract documents, as amended by proper addenda, in accordance with the time set forth therein and at the prices stated in Attachment A.

The Bidder confirms that the General Provisions and the standard specifications for this contract are located in the **Public Works Construction Standards – North Central Texas**, October, 2004. This publication is available through the North Central Texas Council of Governments' Regional Information Center, P.O. Box 5888, Arlington, TX 76005-5888, Phone: 817-640-3300.

Accompanying this Bid Proposal is a cashier's check, certified check, or acceptable bid bond (in general agreement with the provisions of the form provided) in the total amount of \$ _____ (not less than five percent of the maximum amount Bid) made payable to the City of Wichita Falls, Texas. The bid security will be returned to the Bidder unless, in case of award, the undersigned fails to execute a contract and file the required bonds and insurance within fourteen (14) calendar days of the date of receipt of a written Notice of Award, in which case it shall be retained by the Owner as liquidated damages due to delay and other inconveniences suffered by the Owner as a result of such failure on the part of the Bidder.

It is understood that the City of Wichita Falls reserves the right to reject any or all bids.

It is understood that the quantities of work to be done at unit prices indicated on Attachment A are approximate only and are intended principally to serve as a guide in evaluating bids. It is further agreed that, subject to the constraints of the General Provisions, the quantities of work to be done and materials to be furnished at the unit prices bid may be increased or decreased as may be considered necessary, in the opinion of the Engineer, to complete the work fully as planned and contemplated, and that all quantities of work, whether increased or

decreased are to be performed at the unit prices set forth except as provided for in the General Provisions.

Bidder hereby agrees to commence work under this contract within fourteen (14) calendar days of the date specified in a written "Notice to Proceed" by the Engineer of the City of Wichita Falls, and to complete the project within Five hundred forty (540) calendar days thereafter as stipulated in the General Provisions. Liquidated damages are set forth in the General Provisions.

In the event of the award of a contract to the undersigned by the City Council of the City of Wichita Falls, Texas, the undersigned will furnish Performance and Warranty, and Payment Bonds in the amount required, to secure proper compliance with the terms and provision of the contract, to guarantee and insure the work until final completion and acceptance and to guarantee payment of all lawful claims for labor performed and materials furnished in the fulfillment of the contract.

The undersigned certifies that the bid prices shown on Attachment A have been carefully checked and are submitted as correct and final.

All addenda have been signed and submitted with the bid proposal.

The address indicated below will be used for all correspondence in relation to this contract unless otherwise noted.

Bid Submitted By:

Contractor:

By

Title

Street Address

City and State

Telephone No.

SEAL
(If Corporation)

ATTEST:

Secretary

NOTE: Powers of attorney authorizing agents to sign the proposal must be certified, must be in writing and must accompany this proposal.

SECTION D - BID PROPOSAL FORM - ATTACHMENT A

BASE BID

Attachment A to the Proposal of

(Contractor's Name)

Pay Item	Estimated Quantity	Description	Unit Price	Amount Bid
1	1	LS Site Preparation & Mobilization, complete and in place for _____ dollars and _____ cents per lump sum (not to exceed 5% of total bid).	\$ _____	\$ _____
2	88051	LF Provide a Trench Safety system as a specific in Section L, complete and in place for _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
3	4	EA. Furnish and install 30-inch butterfly valves, including trenching, laying, bedding, fittings, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
4	8	EA. Construct air/vacuum valve assembly Type "A" as specified, including all valves, fittings, vault with lid, excavation, backfill, and accessories, complete in place for the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
5	9	EA. Construct air/vacuum valve assembly Type "B" as specified, including all valves, fittings, vault with lid, excavation, backfill, and accessories, complete in place for the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
6	23	EA. Construct air/vacuum valve assembly Type "C" as specified, including all valves, fittings, vault with lid, excavation, backfill, and accessories, complete in place for the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____

7	1	EA.	Construct air/vacuum valve assembly Type "D" as specified, including all valves, fittings, vault with lid, excavation, backfill, and accessories, complete in place for the sum of _____dollars and _____cents each.	\$ _____	\$ _____
8	5	EA.	Construct blowoff valve assembly as specified, including all valves, fittings, excavation, backfill, and accessories, complete in place for the sum of _____dollars and _____cents each.	\$ _____	\$ _____
9	304	LF	For installing 42-inch 0.688 inch wall steel pipe casing in bored crossing, including excavation, backfill, and installation, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____
10	782	LF	For installing 42-inch 0.375 inch wall steel pipe casing in bored crossing, including excavation, backfill, and installation, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____
11	5783	LF	For installation of 30-inch pressure class 250 ductile iron pipe in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____
12	9980	LF	For installation of 30-inch pressure class 200 ductile iron pipe in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____

13	1259	LF	For installation of 30-inch pressure class 150 ductile iron pipe in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
14	2069	LF	For installation of 30-inch pressure class 200 ductile iron pipe in Type B-2 embedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
15	219	LF	For installation of 30-inch pressure class 150 ductile iron pipe in Type B-2 embedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
16	30	LF	For installation of 30-inch pressure class 200 ductile iron pipe in flowable fill bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
17	62	LF	For installation of 30-inch pressure class 250 restrained joint ductile iron pipe in casing as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
18	377	LF	For installation of 30-inch pressure class 200 restrained joint ductile iron pipe in casing as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear foot.	\$ _____	\$ _____

19	510	LF	For installation of 30-inch pressure class 150 restrained joint ductile iron pipe in casing as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of		
			_____dollars and		
			_____cents per linear	\$ _____	\$ _____
			foot.		
20	493	LF	For repair and replacement of gravel road crossing as specified, including excavation, embedment, materials, installation, backfill, and cleanup, complete in place for the sum of		
			_____dollars and		
			_____cents per linear	\$ _____	\$ _____
			foot.		
21	241	LF	For repair and replacement of asphalt road crossing as specified, including excavation, embedment, materials, installation, backfill, and cleanup, complete in place for the sum of		
			_____dollars and		
			_____cents per linear	\$ _____	\$ _____
			foot.		
22	326	LF	For repair and replacement of concrete road crossing as specified, including excavation, embedment, materials, installation, backfill, and cleanup, complete in place for the sum of		
			_____dollars and		
			_____cents per linear	\$ _____	\$ _____
			foot.		
23	34	EA	For furnishing and installing fence crossing, including temporary and permanent fencing, posts, gate, installation and cleanup, complete in place for the sum of		
			_____dollars and		
			_____cents per each.	\$ _____	\$ _____
24	59513	LF	For installing owner provided 32-inch OD SDR 13.5 HDPE water line in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of		
			_____dollars and		
			_____cents per linear	\$ _____	\$ _____
			foot.		

25	380	LF	For installation of owner provided 32-inch OD SDR 13.5 HDPE water line in Type B-2 embedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
26	605	LF	For installation of owner provided 32-inch OD SDR 13.5 HDPE water line in flowable fill bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
27	137	LF	For installation of owner provided 32-inch OD SDR 13.5 HDPE water line in casing as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
28	2079	LF	For "double ditching" excavation and backfill for 30-inch ductile iron pipeline as specified, including excavation, stockpiling, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
29	38030	LF	For "double ditching" excavation and backfill for owner provided 32-inch OD SDR 13.5 HDPE pipeline as specified, including excavation, stockpiling, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
30	1	LS	For construction of outfall line and diffuser assembly into Lake Arrowhead as detailed and specified, including installing owner provided 32" O.D. HDPE pipe, furnishing and installing air vents, diffuser, ballast blocks, buoys, clearing, excavation, backfill and cleanup, complete in place for the sum of _____ dollars and _____ cents per lump sum.	\$ _____	\$ _____

31	1	LS	For providing Stormwater Pollution Prevention as per plans and specs and current government regulations, complete and in place, the sum of _____ dollars and _____ cents per lump sum.	\$ _____	\$ _____
32	5	EA.	Furnish and install 30-inch 90 degree bend in 250 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
33	6	EA.	Furnish and install 30-inch 45 degree bend in 250 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
34	2	EA.	Furnish and install 30-inch 22.5 degree bend in 250 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
35	6	EA.	Furnish and install 30-inch 11.25 degree bend in 250 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
36	4	EA.	Furnish and install 30-inch 90 degree bend in 200 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
37	2	EA.	Furnish and install 30-inch 45 degree bend in 200 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
38	7	EA.	Furnish and install 30-inch 22.5 degree bend in 200 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____

39	1	EA.	Furnish and install 30-inch 90 degree bend in 150 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
40	1	EA.	Furnish and install 30-inch 22.5 degree bend in 150 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
41	3	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 20 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
42	1	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 25 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
43	3	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 30 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
44	1	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 35 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
45	1	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 40 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
46	1	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 50 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____

47	1	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 65 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
48	3138	LF	For installation of 30-inch pressure class 250 restrained joint ductile iron pipe in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
49	3041	LF	For installation of 30-inch pressure class 200 restrained joint ductile iron pipe in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
50	281	LF	For installation of 30-inch pressure class 150 restrained joint ductile iron pipe in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
51	167	LF	For installation of 30-inch pressure class 250 restrained joint ductile iron pipe in Type B-2 embedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
52	878	LF	For installation of 30-inch pressure class 200 restrained joint ductile iron pipe in Type B-2 embedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____

53	331	LF	For installation of 30-inch pressure class 150 restrained joint ductile iron pipe in Type B-2 embedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear	\$ _____	\$ _____
			foot.			
54	240	LF	For installation of 30-inch pressure class 250 restrained joint ductile iron pipe in flowable fill bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear	\$ _____	\$ _____
			foot.			
55	1	EA	For removing damaged section of provided HDPE pipeline as directed by owner, re-facing and re-fusing pipe segments in preparation for installation, including monitoring as specified, complete for the sum of	_____ dollars and _____ cents per each.	\$ _____	\$ _____
56	1	EA	For furnishing and implementing Traffic Control Plan, including development of plan and all labor and equipment to implement, complete for the sum of	_____ dollars and _____ cents per each.	\$ _____	\$ _____
57	1320	LF	For furnishing and implementing Vegetative Cover over entire right-of-way in delineated areas as specified in Specification Section 32 92 14 , including materials and all labor and equipment to implement, complete and in place for the sum of	_____ dollars and _____ cents per each.	\$ _____	\$ _____

Total Base Bid \$ _____

Submitted by:
(Contractor's Signature) _____

SECTION D - BID PROPOSAL FORM - ATTACHMENT A

ALTERNATE BID

Attachment A (alternate bid) to the Proposal of

(Contractor's Name)

Pay Item	Estimated Quantity	Description	Unit Price	Amount Bid
1	1	LS Site Preparation & Mobilization, complete and in place for _____ dollars and _____ cents per lump sum (not to exceed 5% of total bid).	\$ _____	\$ _____
2	88051	LF Provide a Trench Safety system as a specific in Section L, complete and in place for _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
3	3	EA. Furnish and install 30-inch butterfly valves, including trenching, laying, bedding, fittings, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
4	1	EA. Furnish and install 36-inch butterfly valves, including trenching, laying, bedding, fittings, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
5	8	EA. Construct air/vacuum valve assembly Type "A" as specified, including all valves, fittings, vault with lid, excavation, backfill, and accessories, complete in place for the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
6	9	EA. Construct air/vacuum valve assembly Type "B" as specified, including all valves, fittings, vault with lid, excavation, backfill, and accessories, complete in place for the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____

7	23	EA.	Construct air/vacuum valve assembly Type "C" as specified, including all valves, fittings, vault with lid, excavation, backfill, and accessories, complete in place for the sum of _____dollars and _____cents each.	\$ _____	\$ _____
8	1	EA.	Construct air/vacuum valve assembly Type "D" as specified, including all valves, fittings, vault with lid, excavation, backfill, and accessories, complete in place for the sum of _____dollars and _____cents each.	\$ _____	\$ _____
9	5	EA.	Construct blowoff valve assembly as specified, including all valves, fittings, excavation, backfill, and accessories, complete in place for the sum of _____dollars and _____cents each.	\$ _____	\$ _____
10	304	LF	For installing 48-inch 0.688 inch wall steel pipe casing in bored crossing, including excavation, backfill, and installation, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____
11	782	LF	For installing 48-inch 0.375 inch wall steel pipe casing in bored crossing, including excavation, backfill, and installation, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____
12	150	LF	For installation of 36-inch pressure class 250 ductile iron pipe in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____

- | | | | | | | |
|----|-------|----|---|--|----------|----------|
| 13 | 14615 | LF | For installation of 36-inch pressure class 200 ductile iron pipe in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of | _____ dollars and
_____ cents per linear
foot. | \$ _____ | \$ _____ |
| | | | | | | |
| 14 | 1947 | LF | For installation of 36-inch pressure class 150 ductile iron pipe in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of | _____ dollars and
_____ cents per linear
foot. | \$ _____ | \$ _____ |
| | | | | | | |
| 15 | 1602 | LF | For installation of 36-inch pressure class 200 ductile iron pipe in Type B-2 embedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of | _____ dollars and
_____ cents per linear
foot. | \$ _____ | \$ _____ |
| | | | | | | |
| 16 | 827 | LF | For installation of 36-inch pressure class 150 ductile iron pipe in Type B-2 embedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of | _____ dollars and
_____ cents per linear
foot. | \$ _____ | \$ _____ |
| | | | | | | |
| 17 | 30 | LF | For installation of 36-inch pressure class 200 ductile iron pipe in flowable fill bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of | _____ dollars and
_____ cents per linear
foot. | \$ _____ | \$ _____ |
| | | | | | | |
| 18 | 242 | LF | For installation of 36-inch pressure class 200 restrained joint ductile iron pipe in casing as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of | _____ dollars and
_____ cents per linear
foot. | \$ _____ | \$ _____ |

19	707	LF	For installation of 36-inch pressure class 150 restrained joint ductile iron pipe in casing as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
20	493	LF	For repair and replacement of gravel road crossing as specified, including excavation, embedment, materials, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
21	241	LF	For repair and replacement of asphalt road crossing as specified, including excavation, embedment, materials, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
22	326	LF	For repair and replacement of concrete road crossing as specified, including excavation, embedment, materials, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
23	34	EA.	For furnishing and installing fence crossing, including temporary and permanent fencing, posts, gate, installation and cleanup, complete in place for the sum of	_____ dollars and _____ cents per each.	\$ _____	\$ _____
24	59513	LF	For installation of owner provided 32-inch OD SDR 13.5 HDPE water line in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of	_____ dollars and _____ cents per linear foot.	\$ _____	\$ _____

25	380	LF	For installation of owner provided 32-inch OD SDR 13.5 HDPE water line in Type B-2 embedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____
26	605	LF	For installation of owner provided 32-inch OD SDR 13.5 HDPE water line in flowable fill bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____
27	137	LF	For installation of owner provided 32-inch OD SDR 13.5 HDPE water line in casing as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____
28	2079	LF	For "double ditching" excavation and backfill for 36-inch ductile iron pipeline as specified, including excavation, stockpiling, backfill, and cleanup, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____
29	38030	LF	For "double ditching" excavation and backfill for owner provided 32-inch OD SDR 13.5 HDPE pipeline as specified, including excavation, stockpiling, backfill, and cleanup, complete in place for the sum of _____dollars and _____cents per linear foot.	\$ _____	\$ _____
30	1	EA	For construction of outfall line and diffuser assembly into Lake Arrowhead as detailed and specified, including installing owner provided 32" O.D. HDPE pipe, furnishing and installing air vents, diffuser, ballast blocks, buoys, clearing, excavation, backfill and cleanup, complete in place for the sum of _____dollars and _____cents per lump sum.	\$ _____	\$ _____

31	1	LS	For providing Stormwater Pollution Prevention as per plans and specs and current government regulations, complete and in place, the sum of _____ dollars and _____ cents per lump sum.	\$ _____	\$ _____
32	1	EA.	Furnish and install 36-inch 90 degree bend in 250 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
33	3	EA.	Furnish and install 36-inch 45 degree bend in 250 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
34	2	EA.	Furnish and install 36-inch 22.5 degree bend in 250 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
35	4	EA.	Furnish and install 36-inch 11.25 degree bend in 250 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
36	8	EA.	Furnish and install 36-inch 90 degree bend in 200 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
37	5	EA.	Furnish and install 36-inch 45 degree bend in 200 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
38	7	EA.	Furnish and install 36-inch 22.5 degree bend in 200 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____

39	2	EA.	Furnish and install 36-inch 11.25 degree bend in 200 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
40	1	EA.	Furnish and install 36-inch 90 degree bend in 150 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
41	1	EA.	Furnish and install 36-inch 22.5 degree bend in 150 psi ductile iron pipeline, including trenching, laying, bedding, fitting, joint restraint, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
42	3	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 20 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
43	1	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 25 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
44	3	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 30 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
45	1	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 35 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
46	1	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 40 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____

47	1	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 50 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
48	1	EA.	Furnish and install 32-inch OD 160 psi rated HDPE 65 degree bend in HDPE pipeline, including trenching, laying, bedding, fitting, backfill, compaction, cleanup, as specified, the sum of _____ dollars and _____ cents each.	\$ _____	\$ _____
49	6474	LF	For installation of 36-inch pressure class 200 restrained joint ductile iron pipe in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
50	296	LF	For installation of 36-inch pressure class 150 restrained joint ductile iron pipe in standard bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
51	930	LF	For installation of 36-inch pressure class 200 restrained joint ductile iron pipe in Type B-2 embedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____
52	305	LF	For installation of 36-inch pressure class 150 restrained joint ductile iron pipe in Type B-2 embedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____ dollars and _____ cents per linear foot.	\$ _____	\$ _____

53	240	LF	For installation of 36-inch pressure class 250 restrained joint ductile iron pipe in flowable fill bedded trench as specified, including excavation, installation, backfill, and cleanup, complete in place for the sum of _____dollars and _____cents per linear foot. \$ _____ \$ _____
54	1	EA	For removing damaged section of provided HDPE pipeline as directed by owner, re-facing and re-fusing pipe segments in preparation for installation, including monitoring as specified, complete for the sum of _____dollars and _____cents per each. \$ _____ \$ _____
55	1	EA	For furnishing and implementing Traffic Control Plan, including development of plan and all labor and equipment to implement, complete for the sum of _____dollars and _____cents per each. \$ _____ \$ _____
56	1320	LF	For furnishing and implementing Vegetative Cover over entire right-of-way in delineated areas as specified in Specification Section 32 92 14 , including materials and all labor and equipment to implement, complete and in place for the sum of _____dollars and _____cents per linear foot. \$ _____ \$ _____

Total Alternate Bid \$ _____

Submitted by:
(Contractor's Signature) _____

BIDDER'S CERTIFICATIONS

Project Name: _____

Project Number: _____

Contract For: _____

The following certifications must be completed by the bidder for each contract.

A. EQUAL EMPLOYMENT OPPORTUNITY:

() I have developed and have on file at my each establishment affirmative action programs pursuant to 41 CFR Part 60-2.

() I have participated in previous contract(s) or subcontract(s) subject to the equal opportunity clause under Executive Orders 11246 and 11375. I have filed all reports due under the requirements contained in 41 CFR 60-1.7.

() I have not participated in previous contracts(s) subject to the equal opportunity clause under Executive Orders 11246 and 11375.

() I will obtain a similar certification from any proposed subcontractor(s), when appropriate.

B. NONSEGREGATED FACILITIES

() I certify that I do not and will not maintain any facilities provided for my employees in a segregated manner, or permit my employees to perform their services at any location under my control where segregated facilities are maintained; and that I will obtain a similar certification prior to the award of any federally assisted subcontract exceeding \$10,000 which is not exempt from the equal opportunity clause as required by 41 CFR 60-1.8.

I understand that a false statement on this certification may be grounds for rejection of this bid proposal or termination of the contract award.

Typed Name & Title of Bidder's Authorized Representative

Signature of Bidder's Authorized Representative Date

Name & Address of Bidder

VENDOR COMPLIANCE WITH RECIPROCITY ON NON-RESIDENT BIDDERS

Government Code 2252.002 provides that, in order to be awarded a contract as low bidder, a non-resident bidder must bid projects for construction, improvements, supplies or services in Texas at an amount lower than the lowest Texas resident bidder by the same amount that a Texas resident bidder would be required to underbid a non-resident bidder in order to obtain a comparable contract in the state in which the non-resident's principal place of business is located. A non-resident bidder is a contractor whose corporate offices or principal place of business is outside of the state of Texas. This requirement does not apply to a contract involving Federal funds. The appropriate blanks in Section A must be filled out by all out-of-state or non-resident bidders in order for your bid to meet specifications. The failure of out-of-state or non-resident contractors to do so will automatically disqualify that bidder. Resident bidders must check the blank in Section B.

- A. Non-resident vendors in _____ (give state), our principal place of business, are required to be _____ percent lower than resident bidders by state law. A copy of the statute is attached.

Non-resident vendors in _____ (give state), our principal place of business, are not required to underbid resident bidders.

- B. Our principal place of business or corporate offices are in the State of Texas: _____.

BIDDER:

Company

City State Zip

By: (please print)

Signature

Title: (please print)

THIS FORM MUST BE RETURNED WITH THE BID

