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August 4, 2022

Mr. Chris Pousson
City of Georgetown
300-1 Industrial Ave.
Georgetown, TX 78627

RE: Package 2: South Lake Finished Water Line
Recommendation of Award

Dear Mr. Pousson:

The Invitation to Bid (ITB) was released for the Package 2 South Lake Finished Water Line project on July 7, 2022 via the City's Purchasing eBid website. The ITB was also released in the *Williamson County Sun* on July 10 and 17, 2022. Through the City's Purchasing eBid website and our office, we provided plans and specifications to interested parties, including general contractors, subcontractors, suppliers and plan rooms.

On August 3, 2022 at 2:00 p.m., bids were received both online via the City's Purchasing eBid website and at the Georgetown Municipal Complex, Purchasing Department, at 300-1 Industrial Avenue, Georgetown, Texas 78626 for the construction of the Package 2 South Lake Finished Water Line project and then opened and publically read aloud. Seven bids were received, and the names of the bids and associated bid amounts are summarized below.

<u>COMPANY</u>	<u>BASE BID AMOUNT</u>	<u>DEDUCT ALT AMOUNT</u>	<u>BASE BID + DEDUCT ALT AMOUNT</u>
1. Cash Construction Co., Inc.	\$11,726,860.00	\$(6,697,983.00)	\$5,028,877.00
2. Joe Bland Construction, L.P.	\$13,002,035.00	\$(6,760,800.00)	\$6,241,235.00
3. SJ Louis Construction of TX	\$14,033,287.13	\$(7,211,489.14)	\$6,821,797.99
4. Austin Engineering Co., Inc.	\$13,564,555.00	\$(6,242,472.00)	\$7,322,083.00
5. Royal Vista, Inc.	\$15,173,875.00	\$(6,685,490.00)	\$8,488,385.00
6. DeNucci Constructors, LLC	\$14,608,871.00	\$(5,981,860.00)	\$8,627,011.00
7. PROTA, Inc.	\$15,974,312.00	\$(6,686,832.00)	\$9,287,480.00

A tabulation of all the bid items is attached. In addition to submitting the bids, each of the bids submitted a Statement of Bidder's Experience (Section 00400).

CDM Smith reviewed the information provided by Cash Construction in Section 00400 as well as reached out to their references. Based on this evaluation and on their successful water and





Mr. Pousson
August 4, 2022
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wastewater project completions, we believe that Cash Construction Co., Inc. can successfully complete the South Lake Finished Water Line project as designed and specified; and, we recommend to award this project to Cash Construction a contract either in the amount of \$11,726,860.00 (total base bid amount) for ductile iron pipeline construction or \$5,028,877.00 (total base and deduct alternate bid amount) for steel pipeline construction. The contract amount shall be per the City's selection of the pipeline material of construction based on their evaluation of the City's budget and operational preferences.

Sincerely,

A handwritten signature in black ink, appearing to read "Ana Marie Karamalegos".

Ana Marie Karamalegos, P.E.
CDM Smith Inc.
TBPE Firm Registration No. F-3043

ATTACHMENT ENCLOSED

cc: Allen Woelke, P.E., CDM Smith
Sarah Stewart, P.E., CDM Smith
Ann Hinds, P.E., CDM Smith



Bidders			Cash Construction			Joe Bland Construction			SJ Louis Construction			Austin Engineering				
Acknowledged all Addenda			(X)			(X)			(X)			(X)				
Provide Proposal Security (5%)			(X)			(X)			(X)			(X)				
Provide Information from 00400			(X)			(X)			(X)			(X)				
BASE BID AMOUNT (BASE ITEM Nos. 1 - 38)																
Bid Item	Item Description	Unit	Quantity (If Applicable)	Unit Price (If Applicable)	Amount	Quantity (If Applicable)	Unit Price (If Applicable)	Amount	Quantity (If Applicable)	Unit Price (If Applicable)	Amount	Quantity (If Applicable)	Unit Price (If Applicable)	Amount		
1	Insurance, Bonds, Mobilization and Demobilization Related Expenses, not to exceed 5% of Total Base Bid.	LS	1	\$ 200,000.00	\$ 200,000.00	1	\$ 275,000.00	\$ 275,000.00	1	\$ 300,000.00	\$ 300,000.00	1	\$ 300,000.00	\$ 300,000.00		
2	Storm Water Pollution Prevention Plan (SWPPP) and SWPPP Implementation, including installing the erosion and sedimentation control devices shown on the Drawings and all other required temporary sedimentation and erosion control best management practices as required by the SWPPP plan, complete in place as detailed and specified.	LS	1	\$ 55,000.00	\$ 55,000.00	1	\$ 90,000.00	\$ 90,000.00	1	\$ 36,975.00	\$ 36,975.00	1	\$ 65,000.00	\$ 65,000.00		
3	Additional Mulch Sock (above that shown on the drawings) installed at the direction of the Engineer and/or Inspector, complete in place as detailed and specified, including maintenance and removal.	LF	200	\$ 11.00	\$ 2,200.00	200	\$ 10.00	\$ 2,000.00	200	\$ 6.75	\$ 1,350.00	200	\$ 9.00	\$ 1,800.00		
4	Additional Silt Fence (above that shown on the drawings) installed at the direction of the Engineer and/or Inspector, complete in place as detailed and specified, including maintenance and removal.	LF	200	\$ 4.00	\$ 800.00	200	\$ 5.00	\$ 1,000.00	200	\$ 3.50	\$ 700.00	200	\$ 4.00	\$ 800.00		
5	Site and Right-of-Way Preparation, including clearing, grubbing, tree protection, stabilized construction entrances, and appurtenances, complete in place as detailed and specified.	SY	31,500	\$ 5.00	\$ 157,500.00	31,500	\$ 2.00	\$ 63,000.00	31,500	\$ 1.08	\$ 34,020.00	31,500	\$ 2.00	\$ 63,000.00		
6	Additional Tree Protection Fence (above that shown on the drawings) installed at the direction of the Engineer and/or Inspector, complete in place as detailed and specified, including maintenance and removal.	LF	200	\$ 5.00	\$ 1,000.00	200	\$ 6.00	\$ 1,200.00	200	\$ 3.75	\$ 750.00	200	\$ 5.00	\$ 1,000.00		
7	Traffic Control Plan, Implementation, and Maintenance, including temporary traffic barriers, complete in place as detailed and specified.	LS	1	\$ 12,000.00	\$ 12,000.00	1	\$ 5,800.00	\$ 5,800.00	1	\$ 7,500.00	\$ 7,500.00	1	\$ 17,000.00	\$ 17,000.00		
8	Trench Safety Plan and Implementation, as required for all excavations pipe trenches deeper than 5 feet, complete in place as detailed and specified.	LF	5,667	\$ 1.00	\$ 5,667.00	5,667	\$ 6.00	\$ 34,002.00	5,667	\$ 0.01	\$ 56.67	5,667	\$ 5.00	\$ 28,335.00		
9	Furnish and Install 60-inch Class 250 Ductile Iron pipe (Open Trench) including fittings, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	796	\$ 1,638.00	\$ 1,303,848.00	796	\$ 1,975.00	\$ 1,572,100.00	796	\$ 1,800.07	\$ 1,432,855.72	796	\$ 2,030.00	\$ 1,615,880.00		
10	Furnish and Install 60-inch Class 250 Restrained Joint Ductile Iron pipe (Open Trench) including fittings, restraints, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	4,838	\$ 1,770.00	\$ 8,563,260.00	4,838	\$ 1,975.00	\$ 9,555,050.00	4,838	\$ 2,237.31	\$ 10,824,105.78	4,838	\$ 2,030.00	\$ 9,821,140.00		
11	Furnish and Install 16-inch Class 250 Restrained Joint Ductile Iron pipe (Open Trench) including fittings, restraints, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	82	\$ 350.00	\$ 28,700.00	82	\$ 315.00	\$ 25,830.00	82	\$ 772.48	\$ 63,343.36	82	\$ 350.00	\$ 28,700.00		
12	Furnish and Install 16-inch Class 250 Restrained Joint Ductile Iron pipe (inside steel casing) including restraints as specified, casing spacers, and tracer wire, complete in place as detailed and specified.	LF	80	\$ 190.00	\$ 15,200.00	80	\$ 265.00	\$ 21,200.00	80	\$ 516.35	\$ 41,308.00	80	\$ 250.00	\$ 20,000.00		
13	Furnish and Install 30-inch (minimum) Steel Casing Pipe (3/8" Wall Thickness) (Bore and Jack) including excavation and backfill of bore pits and end seals, complete in place as detailed and specified.	LF	80	\$ 1,050.00	\$ 84,000.00	80	\$ 1,820.00	\$ 145,600.00	80	\$ 1,362.50	\$ 109,000.00	80	\$ 1,100.00	\$ 88,000.00		
14	Furnish and Install 8-inch Class 350 Restrained Joint Ductile Iron pipe (Open Trench) including fittings, restraints, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	35	\$ 94.00	\$ 3,290.00	35	\$ 110.00	\$ 3,850.00	35	\$ 430.36	\$ 15,062.60	35	\$ 200.00	\$ 7,000.00		
15	Furnish and Install Direct Bury 8-Inch Gate Valve with Tracer Wire Test Station, including excavation, piping connections, adapters, restraints, backfill, tracer wire, concrete support and appurtenances, complete in place as detailed and specified.	EA	1	\$ 2,800.00	\$ 2,800.00	1	\$ 3,268.00	\$ 3,268.00	1	\$ 5,200.00	\$ 5,200.00	1	\$ 3,500.00	\$ 3,500.00		
16	Furnish and Install Combination 8-inch and 2-Inch Pressure Reducing Valve Station as shown on Sheet C2-9 including excavation, dewatering, backfill, precast concrete vault with H-20 aluminum lid, bedding, pipe, valves, supports, fittings, adapters, restraints, and all associated appurtenances, complete in place as detailed and specified.	EA	1	\$ 48,000.00	\$ 48,000.00	1	\$ 44,500.00	\$ 44,500.00	1	\$ 56,705.00	\$ 56,705.00	1	\$ 60,000.00	\$ 60,000.00		
17	Connect new 60-inch waterline to existing WTP 60-inch waterline including excavation, dewatering, restraints, bedding, backfill, all required adapters, trench surface grading and appurtenances, complete in place as detailed and specified.	LS	1	\$ 50,000.00	\$ 50,000.00	1	\$ 3,885.00	\$ 3,885.00	1	\$ 7,500.00	\$ 7,500.00	1	\$ 18,000.00	\$ 18,000.00		
18	Connect new 8-inch waterline to existing 8-inch waterline with 8"x8" tee including excavation, dewatering, fittings, restraints, bedding, backfill, all required adapters, trench surface grading, and appurtenances, complete in place as detailed and specified.	LS	1	\$ 3,000.00	\$ 3,000.00	1	\$ 2,715.00	\$ 2,715.00	1	\$ 14,000.00	\$ 14,000.00	1	\$ 8,000.00	\$ 8,000.00		
19	Remove existing PRV valve and vault as shown on CP-2 and install new 12"x12" tee with 12" GV including excavation, dewatering, fittings, restraints, bedding, backfill, all required adapters, trench surface grading, and appurtenances, complete in place as detailed and specified.	LS	1	\$ 20,000.00	\$ 20,000.00	1	\$ 12,000.00	\$ 12,000.00	1	\$ 17,350.00	\$ 17,350.00	1	\$ 15,500.00	\$ 15,500.00		
20	Furnish and Install 4-Inch Combination Air Vacuum Valve (CAV), including excavation, piping, fittings, 5-Foot diameter manhole, ring and cover, concrete apron, air valve, air piping extensions, pipe supports, backfill, and associated appurtenances per Detail C on Sheet C2-3, complete in place as detailed and specified.	EA	2	\$ 17,000.00	\$ 34,000.00	2	\$ 18,225.00	\$ 36,450.00	2	\$ 19,000.00	\$ 38,000.00	2	\$ 32,000.00	\$ 64,000.00		
21	Furnish and Install Direct Bury 60-Inch Butterfly Valve with Tracer Wire Test Station, including excavation, piping connections, adapters, restraints, backfill, tracer wire, concrete support and appurtenances, complete in place as detailed and specified.	EA	3	\$ 188,000.00	\$ 564,000.00	3	\$ 158,000.00	\$ 474,000.00	3	\$ 140,000.00	\$ 420,000.00	3	\$ 170,000.00	\$ 510,000.00		
22	Furnish and Install Direct Bury 42-Inch Butterfly Valve with Tracer Wire Test Station, including excavation, piping connections, adapters, restraints, backfill, tracer wire, concrete support and appurtenances, complete in place as detailed and specified.	EA	1	\$ 56,000.00	\$ 56,000.00	1	\$ 70,000.00	\$ 70,000.00	1	\$ 68,700.00	\$ 68,700.00	1	\$ 67,500.00	\$ 67,500.00		
23	Furnish and Install Direct Bury 16-Inch Gate Valve with Tracer Wire Test Station, including excavation, piping connections, adapters, restraints, backfill, tracer wire, concrete support and appurtenances, complete in place as detailed and specified.	EA	2	\$ 11,000.00	\$ 22,000.00	2	\$ 13,100.00	\$ 26,200.00	2	\$ 10,050.00	\$ 20,100.00	2	\$ 13,500.00	\$ 27,000.00		
24	Furnish and Install Direct Bury 12-Inch Gate Valve with Tracer Wire Test Station, including excavation, piping connections, adapters, restraints, backfill, tracer wire, concrete support and appurtenances, complete in place as detailed and specified.	EA	4	\$ 5,500.00	\$ 22,000.00	4	\$ 5,475.00	\$ 21,900.00	4	\$ 5,225.00	\$ 20,900.00	4	\$ 6,700.00	\$ 26,800.00		
25	Furnish and Install Drain Valve Assembly including fittings, valves, restraints, concrete, excavation, bedding, backfill and appurtenances per Detail D on Sheet C2-8, complete in place as detailed and specified.	EA	1	\$ 5,800.00	\$ 5,800.00	1	\$ 8,435.00	\$ 8,435.00	1	\$ 9,350.00	\$ 9,350.00	1	\$ 7,200.00	\$ 7,200.00		
26	Furnish and Install Fire Hydrant Assembly including fittings, valves, restraints, concrete, excavation, bedding, backfill and appurtenances per Detail F on Sheet C2-2, complete in place as detailed and specified.	EA	1	\$ 8,200.00	\$ 8,200.00	1	\$ 8,200.00	\$ 8,200.00	1	\$ 14,600.00	\$ 14,600.00	1	\$ 9,200.00	\$ 9,200.00		
27	Pressure and Leakage Testing of all Water pipeline and appurtenances, complete in place as detailed and specified.	LS	1	\$ 7,000.00	\$ 7,000.00	1	\$ 70,000.00	\$ 70,000.00	1	\$ 10,000.00	\$ 10,000.00	1	\$ 20,000.00	\$ 20,000.00		
28	Disinfection of all Water pipeline and appurtenances, complete in place as detailed and specified.	LS	1	\$ 12,000.00	\$ 12,000.00	1	\$ 12,500.00	\$ 12,500.00	1	\$ 20,000.00	\$ 20,000.00	1	\$ 15,000.00	\$ 15,000.00		
29	Furnish and Install Roadway Asphalt Pavement Removal and Replacement, including saw cutting, temporary cold mix patching, subgrade prep, base material (or equal) and hot mix asphaltic concrete, all appurtenances, complete in place as detailed and specified.	SY	100	\$ 60.00	\$ 6,000.00	100	\$ 175.00	\$ 17,500.00	100	\$ 85.00	\$ 8,500.00	100	\$ 167.00	\$ 16,700.00		
30	Fencing Removal and Replacement including removing existing fence, disposing of existing fence offsite, temporary access gate(s) and fencing to keep the project site secure, furnishing and installing new permanent fencing with new ranch gates per Detail B, Sheet C2-8 and appurtenances, complete in place as detailed and specified.	LF	5,025	\$ 25.00	\$ 125,625.00	5,025	\$ 14.00	\$ 70,350.00	5,025	\$ 20.00	\$ 100,500.00	5,025	\$ 40.00	\$ 201,000.00		
31	Furnish and Install Class I Void Mitigation Measures, including excavation, materials, labor, documentation and reporting, complete in place as detailed and specified, per linear foot of trench.	LF	100	\$ 35.00	\$ 3,500.00	100	\$ 45.00	\$ 4,500.00	100	\$ 50.00	\$ 5,000.00	100	\$ 200.00	\$ 20,000.00		
32	Furnish and Install Class II Void Mitigation Measures, including excavation, materials, labor, documentation and reporting, complete in place as detailed and specified, per linear foot of trench.	LF	40	\$ 48.00	\$ 1,920.00	40	\$ 65.00	\$ 2,600.00	40	\$ 125.00	\$ 5,000.00	40	\$ 400.00	\$ 16,000.00		
33	Furnish and Install Class III Void Mitigation Measures, including excavation, materials, labor, documentation and reporting, complete in place as detailed and specified, per linear foot of trench.	LF	40	\$ 83.00	\$ 3,320.00	40	\$ 85.00	\$ 3,400.00	40	\$ 150.00	\$ 6,000.00	40	\$ 400.00	\$ 16,000.00		
34	Furnish and Install Class IV Void Mitigation Measures, including excavation, materials, labor, documentation and reporting, complete in place as detailed and specified, per linear foot of trench.	LF	20	\$ 53.00	\$ 1,060.00	20	\$ 175.00	\$ 3,500.00	20	\$ 175.00	\$ 3,500.00	20	\$ 400.00	\$ 8,000.00		
35	Furnish and Install Class V Modified Void Mitigation Measures, including excavation, materials, labor, documentation and reporting, complete in place as detailed and specified, per linear foot of trench.	LF	20	\$ 56.00	\$ 1,120.00	20	\$ 200.00	\$ 4,000.00	20	\$ 175.00	\$ 3,500.00	20	\$ 400.00	\$ 8,000.00		
36	Surface Restoration, including grading, revegetation of all unpaved areas, watering as necessary, complete in place as detailed and specified.	SY	31,500	\$ 0.70	\$ 22,050.00	31,500	\$ 1.00	\$ 31,500.00	31,500	\$ 1.17	\$ 36,855.00	31,500	\$ 3.00	\$ 94,500.00		
37	Allowance to be used for additional site improvements, landscaping and miscellaneous modifications.	LS	1	\$ 250,000.00	\$ 250,000.00	1	\$ 250,000.00	\$ 250,000.00	1	\$ 250,000.00	\$ 250,000.00	1	\$ 250,000.00	\$ 250,000.00		
38	Allowance for Contractor to secure the services of underground utility locating company to provide 10 vacuum excavations along existing underground utilities to confirm location prior to excavation.	LS	1	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00	\$ 25,000.00		
Total Base Bid Amount (Item Nos. 1-38)			-	\$	11,726,860.00	\$	13,002,035.00			\$	14,033,287.13			\$	13,564,555.00	
DEDUCT ALTERNATE BID ITEMS																
Bid Item	Item Description	Unit	Quantity (If Applicable)	Unit Price (If Applicable)	Amount	Quantity (If Applicable)	Unit Price (If Applicable)	Amount	Quantity (If Applicable)	Unit Price (If Applicable)	Amount	Quantity (If Applicable)	Unit Price (If Applicable)	Amount		
A-1	Delete Item 9 from Bid Form: Furnish and Install 60-inch Class 250 Ductile Iron pipe (Open Trench) including fittings, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	-796	\$ 1,638.00	\$ (1,303,848.00)	-796	\$ 1,975.00	\$ (1,572,100.00)	-796	\$ 1,800.07	\$ (1,432,855.72)	-796	\$ 2,030.00	\$ (1,615,880.00)		
A-2	Delete Item 10 from Bid Form: Furnish and Install 60-inch Class 250 Restrained Joint Ductile Iron pipe (Open Trench) including fittings, restraints, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	-4838	\$ 1,770.00	\$ (8,563,260.00)	-4838	\$ 1,975.00	\$ (9,555,050.00)	-4838	2237.31	\$ (10,824,105.78)	-4838	2030	\$ (9,821,140.00)		
A-3	Furnish and Install 250 psi, single-lap, 60-inch Steel Pipe (Open Trench) including engineering design submittal, fittings, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration, complete in place as detailed and specified.	LF	5634	\$ 562.50	\$ 3,169,125.00	5634	\$ 775.00	\$ 4,366,350.00	5634	\$ 895.54	\$ 5,045,472.36	5634	\$ 922.00	\$ 5,194,548.00		
Total Base Bid Amount (Item Nos. 1-38)			-	\$	11,726,860.00	\$	13,002,035.00			\$	14,033,287.13			\$	13,564,555.00	
Total Deduct Alternate Amount (Item Nos. A1-A3)			-	\$	(6,697,983.00)	\$	(6,760,800.00)			\$	(7,211,489.14)			\$	(6,242,472.00)	
Total Base Bid - Deduct Alternate Amount			-	\$	5,028,877.00	\$	6,241,235.00			\$	6,821,797.99			\$	7,322,083.00	

Cash had a typo in item 25. No impact to total amount.

Bidders			Royal Vista			DeNucci Construcion			PROTA		
Acknowledged all Addenda			<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
Provide Proposal Security (5%)			<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
Provide information from 00400			<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		

BASE BID AMOUNT (BASE BID ITEM Nos. 1 - 38)											
Bid Item	Item Description	Unit	Quantity (If Applicable)	Unit Price (If Applicable)	Amount	Quantity (If Applicable)	Unit Price (If Applicable)	Amount	Quantity (If Applicable)	Unit Price (If Applicable)	Amount
1	Insurance, Bonds, Mobilization and Demobilization Related Expenses, not to exceed 5% of Total Base Bid.	LS	1	\$ 600,000.00	\$ 600,000.00	1	\$ 700,000.00	\$ 700,000.00	1	\$ 798,538.00	\$ 798,538.00
2	Storm Water Pollution Prevention Plan (SWPPP) and SWPPP Implementation, including installing the erosion and sedimentation control devices shown on the Drawings and all other required temporary sedimentation and erosion control best management practices as required by the SWPPP plan, complete in place as detailed and specified.	LS	1	\$ 80,000.00	\$ 80,000.00	1	\$ 115,000.00	\$ 115,000.00	1	\$ 124,404.00	\$ 124,404.00
3	Additional Mulch Sock (above that shown on the drawings) installed at the direction of the Engineer and/or Inspector, complete in place as detailed and specified, including maintenance and removal.	LF	200	\$ 25.00	\$ 5,000.00	200	\$ 15.00	\$ 3,000.00	200	\$ 15.00	\$ 3,000.00
4	Additional Silt Fence (above that shown on the drawings) installed at the direction of the Engineer and/or Inspector, complete in place as detailed and specified, including maintenance and removal.	LF	200	\$ 6.00	\$ 1,200.00	200	\$ 6.00	\$ 1,200.00	200	\$ 12.00	\$ 2,400.00
5	Site and Right-of-Way Preparation, including clearing, grubbing, tree protection, stabilized construction entrances, and appurtenances, complete in place as detailed and specified.	SY	31,500	\$ 4.00	\$ 126,000.00	31,500	\$ 15.00	\$ 472,500.00	31,500	\$ 3.00	\$ 94,500.00
6	Additional Tree Protection Fence (above that shown on the drawings) installed at the direction of the Engineer and/or Inspector, complete in place as detailed and specified, including maintenance and removal.	LF	200	\$ 15.00	\$ 3,000.00	200	\$ 8.00	\$ 1,600.00	200	\$ 23.00	\$ 4,600.00
7	Traffic Control Plan, Implementation, and Maintenance, including temporary traffic barriers, complete in place as detailed and specified.	LS	1	\$ 30,000.00	\$ 30,000.00	1	\$ 150,000.00	\$ 150,000.00	1	\$ 17,872.00	\$ 17,872.00
8	Trench Safety Plan and Implementation, as required for all excavations pipe trenches deeper than 5 feet, complete in place as detailed and specified.	LF	5,667	\$ 5.00	\$ 28,335.00	5,667	\$ 8.00	\$ 45,336.00	5,667	\$ 2.00	\$ 11,334.00
9	Furnish and Install 60-inch Class 250 Ductile Iron pipe (Open Trench) including fittings, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	796	\$ 2,050.00	\$ 1,631,800.00	796	\$ 1,640.00	\$ 1,305,440.00	796	\$ 1,737.00	\$ 1,382,652.00
10	Furnish and Install 60-inch Class 250 Restrained Joint Ductile Iron pipe (Open Trench) including fittings, restraints, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	4,838	\$ 2,180.00	\$ 10,546,840.00	4,838	\$ 1,840.00	\$ 8,901,920.00	4,838	\$ 2,382.00	\$ 11,524,116.00
11	Furnish and Install 16-inch Class 250 Restrained Joint Ductile Iron pipe (Open Trench) including fittings, restraints, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	82	\$ 350.00	\$ 28,700.00	82	\$ 800.00	\$ 65,600.00	82	\$ 1,246.00	\$ 102,172.00
12	Furnish and Install 16-inch Class 250 Restrained Joint Ductile Iron pipe (inside steel casing) including restraints as specified, casing spacers, and tracer wire, complete in place as detailed and specified.	LF	80	\$ 450.00	\$ 36,000.00	80	\$ 900.00	\$ 72,000.00	80	\$ 1,111.00	\$ 88,880.00
13	Furnish and Install 30-inch (minimum) Steel Casing Pipe (3/8" Wall Thickness) (Bore and Jack) including excavation and backfill of bore pits and end seals, complete in place as detailed and specified.	LF	80	\$ 1,750.00	\$ 140,000.00	80	\$ 700.00	\$ 56,000.00	80	\$ 854.00	\$ 68,320.00
14	Furnish and Install 8-inch Class 350 Restrained Joint Ductile Iron pipe (Open Trench) including fittings, restraints, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	35	\$ 125.00	\$ 4,375.00	35	\$ 650.00	\$ 22,750.00	35	\$ 725.00	\$ 25,375.00
15	Furnish and Install Direct Bury 8-inch Gate Valve with Tracer Wire Test Station, including excavation, piping connections, adapters, restraints, backfill, tracer wire, concrete support and appurtenances, complete in place as detailed and specified.	EA	1	\$ 3,250.00	\$ 3,250.00	1	\$ 7,500.00	\$ 7,500.00	1	\$ 2,573.00	\$ 2,573.00
16	Furnish and Install Combination 8-inch and 2-inch Pressure Reducing Valve Station as shown on Sheet C2-9 including excavation, dewatering, backfill, precast concrete vault with H-20 aluminum lid, bedding, pipe, valves, supports, fittings, adapters, restraints, and all associated appurtenances, complete in place as detailed and specified.	EA	1	\$ 48,500.00	\$ 48,500.00	1	\$ 75,000.00	\$ 75,000.00	1	\$ 65,605.00	\$ 65,605.00
17	Connect new 60-inch waterline to existing WTP 60-inch waterline including excavation, dewatering, restraints, bedding, backfill, all required adapters, trench surface grading and appurtenances, complete in place as detailed and specified.	LS	1	\$ 75,000.00	\$ 75,000.00	1	\$ 85,000.00	\$ 85,000.00	1	\$ 9,145.00	\$ 9,145.00
18	Connect new 8-inch waterline to existing 8-inch waterline with 8"x8" tee including excavation, dewatering, fittings, restraints, bedding, backfill, all required adapters, trench surface grading, and appurtenances, complete in place as detailed and specified.	LS	1	\$ 4,150.00	\$ 4,150.00	1	\$ 15,500.00	\$ 15,500.00	1	\$ 8,269.00	\$ 8,269.00
19	Remove existing PRV valve and vault as shown on CP-2 and install new 12"x12" tee with 12" GV including excavation, dewatering, fittings, restraints, bedding, backfill, all required adapters, trench surface grading, and appurtenances, complete in place as detailed and specified.	LS	1	\$ 9,500.00	\$ 9,500.00	1	\$ 35,000.00	\$ 35,000.00	1	\$ 32,345.00	\$ 32,345.00
20	Furnish and Install 4-inch Combination Air Vacuum Valve (CAV), including excavation, piping, fittings, 5-foot diameter manhole, ring and cover, concrete apron, air valve, air piping extensions, pipe supports, backfill, and associated appurtenances per Detail C on Sheet C2-3, complete in place as detailed and specified.	EA	2	\$ 27,500.00	\$ 55,000.00	2	\$ 65,000.00	\$ 130,000.00	2	\$ 35,522.00	\$ 71,044.00
21	Furnish and Install Direct Bury 60-inch Butterfly Valve with Tracer Wire Test Station, including excavation, piping connections, adapters, restraints, backfill, tracer wire, concrete support and appurtenances, complete in place as detailed and specified.	EA	3	\$ 235,000.00	\$ 705,000.00	3	\$ 220,000.00	\$ 660,000.00	3	\$ 137,777.00	\$ 413,331.00
22	Furnish and Install Direct Bury 42-inch Butterfly Valve with Tracer Wire Test Station, including excavation, piping connections, adapters, restraints, backfill, tracer wire, concrete support and appurtenances, complete in place as detailed and specified.	EA	1	\$ 88,500.00	\$ 88,500.00	1	\$ 105,000.00	\$ 105,000.00	1	\$ 92,563.00	\$ 92,563.00
23	Furnish and Install Direct Bury 16-inch Gate Valve with Tracer Wire Test Station, including excavation, piping connections, adapters, restraints, backfill, tracer wire, concrete support and appurtenances, complete in place as detailed and specified.	EA	2	\$ 18,900.00	\$ 37,800.00	2	\$ 45,000.00	\$ 90,000.00	2	\$ 15,212.00	\$ 30,424.00
24	Furnish and Install Direct Bury 12-inch Gate Valve with Tracer Wire Test Station, including excavation, piping connections, adapters, restraints, backfill, tracer wire, concrete support and appurtenances, complete in place as detailed and specified.	EA	4	\$ 8,750.00	\$ 35,000.00	4	\$ 44,000.00	\$ 176,000.00	4	\$ 7,087.00	\$ 28,348.00
25	Furnish and Install Drain Valve Assembly including fittings, valves, restraints, concrete, excavation, bedding, backfill and appurtenances per Detail D on Sheet C2-8, complete in place as detailed and specified.	EA	1	\$ 7,150.00	\$ 7,150.00	1	\$ 65,000.00	\$ 65,000.00	1	\$ 14,343.00	\$ 14,343.00
26	Furnish and Install Fire Hydrant Assembly including fittings, valves, restraints, concrete, excavation, bedding, backfill and appurtenances per Detail F on Sheet C2-2, complete in place as detailed and specified.	EA	1	\$ 9,500.00	\$ 9,500.00	1	\$ 12,000.00	\$ 12,000.00	1	\$ 17,103.00	\$ 17,103.00
27	Pressure and Leakage Testing of all Water pipeline and appurtenances, complete in place as detailed and specified.	LS	1	\$ 21,000.00	\$ 21,000.00	1	\$ 125,000.00	\$ 125,000.00	1	\$ 95,217.00	\$ 95,217.00
28	Disinfection of all Water pipeline and appurtenances, complete in place as detailed and specified.	LS	1	\$ 19,000.00	\$ 19,000.00	1	\$ 105,000.00	\$ 105,000.00	1	\$ 44,064.00	\$ 44,064.00
29	Furnish and Install Roadway Asphalt Pavement Removal and Replacement, including saw cutting, temporary cold mix patching, subgrade prep, base material (or equal) and hot mix asphaltic concrete, all appurtenances, complete in place as detailed and specified.	SY	100	\$ 75.00	\$ 7,500.00	100	\$ 1,200.00	\$ 120,000.00	100	\$ 166.00	\$ 16,600.00
30	Fencing Removal and Replacement including removing existing fence, disposing of existing fence offsite, temporary access gate(s) and fencing to keep the project site secure, furnishing and installing new permanent fencing with new ranch gates per Detail B, Sheet C2-8 and appurtenances, complete in place as detailed and specified.	LF	5,025	\$ 31.00	\$ 155,775.00	5,025	\$ 65.00	\$ 326,625.00	5,025	\$ 47.00	\$ 236,175.00
31	Furnish and Install Class I Void Mitigation Measures, including excavation, materials, labor, documentation and reporting, complete in place as detailed and specified, per linear foot of trench.	LF	100	\$ 300.00	\$ 30,000.00	100	\$ 100.00	\$ 10,000.00	100	\$ 726.00	\$ 72,600.00
32	Furnish and Install Class II Void Mitigation Measures, including excavation, materials, labor, documentation and reporting, complete in place as detailed and specified, per linear foot of trench.	LF	40	\$ 500.00	\$ 20,000.00	40	\$ 125.00	\$ 5,000.00	40	\$ 1,125.00	\$ 45,000.00
33	Furnish and Install Class III Void Mitigation Measures, including excavation, materials, labor, documentation and reporting, complete in place as detailed and specified, per linear foot of trench.	LF	40	\$ 600.00	\$ 24,000.00	40	\$ 185.00	\$ 7,400.00	40	\$ 949.00	\$ 37,960.00
34	Furnish and Install Class IV Void Mitigation Measures, including excavation, materials, labor, documentation and reporting, complete in place as detailed and specified, per linear foot of trench.	LF	20	\$ 750.00	\$ 15,000.00	20	\$ 225.00	\$ 4,500.00	20	\$ 1,386.00	\$ 27,720.00
35	Furnish and Install Class V Modified Void Mitigation Measures, including excavation, materials, labor, documentation and reporting, complete in place as detailed and specified, per linear foot of trench.	LF	20	\$ 750.00	\$ 15,000.00	20	\$ 500.00	\$ 10,000.00	20	\$ 1,386.00	\$ 27,720.00
36	Surface Restoration, including grading, revegetation of all unpaved areas, watering as necessary, complete in place as detailed and specified.	SY	31,500	\$ 8.00	\$ 252,000.00	31,500	\$ 8.00	\$ 252,000.00	31,500	\$ 2.00	\$ 63,000.00
37	Allowance to be used for additional site improvements, landscaping and miscellaneous modifications.	LS	1	\$ 250,000.00	\$ 250,000.00	1	\$ 250,000.00	\$ 250,000.00	1	\$ 250,000.00	\$ 250,000.00
38	Allowance for Contractor to secure the services of underground utility locating company to provide 10 vacuum excavations along existing underground utilities to confirm location prior to excavation.	LS	1	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00	\$ 25,000.00
Total Base Bid Amount (Item Nos. 1-38)			-	\$	15,173,875.00	\$	14,608,871.00	\$	15,974,312.00		

DEDUCT ALTERNATE BID ITEMS											
Bid Item	Item Description	Unit	Quantity (If Applicable)	Unit Price (If Applicable)	Amount	Quantity (If Applicable)	Unit Price (If Applicable)	Amount	Quantity (If Applicable)	Unit Price (If Applicable)	Amount
A-1	Delete Item 9 from Bid Form: Furnish and Install 60-inch Class 250 Ductile Iron pipe (Open Trench) including fittings, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	-796	\$ 2,050.00	\$ (1,631,800.00)	-796	\$ 1,640.00	\$ (1,305,440.00)	-796	\$ 1,737.00	\$ (1,382,652.00)
A-2	Delete Item 10 from Bid Form: Furnish and Install 60-inch Class 250 Restrained Joint Ductile Iron pipe (Open Trench) including fittings, restraints, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration complete in place as detailed and specified.	LF	-4838	2180	\$ (10,546,840.00)	-4838	1840	\$ (8,901,920.00)	-4838	2382	\$ (11,524,116.00)
A-3	Furnish and Install 250 psi, single-lap, 60-inch Steel Pipe (Open Trench) including engineering design submittal, fittings, excavation, dewatering, bedding, backfill, tracer wire and trench surface restoration, complete in place as detailed and specified.	LF	5634	\$ 975.00	\$ 5,493,150.00	5634	\$ 750.00	\$ 4,225,500.00	5634	\$ 1,104.00	\$ 6,219,936.00
Total Base Bid Amount (Item Nos. 1-38)			-	\$	15,173,875.00	\$	14,608,871.00	\$	15,974,312.00		
Total Deduct Alternate Amount (Item Nos. A1-A3)			-	\$	(6,685,490.00)	\$	(5,981,860.00)	\$	(6,686,832.00)		
Total Base Bid - Deduct Alternate Amount			-	\$	8,488,385.00	\$	8,627,011.00	\$	9,287,480.00		

DeNucci bid had error in Item 38. Total includes update.

PROTA bid had error in AD 1-3 total. Total includes update.