

DCS Engineering, LLC
1101 S. Capital of Texas Highway
Building G-100
Austin, Texas 78746
Tel: (512) 614-6171
Fax: (512) 284-8021
T.B.P.E. Firm No F- 13162
www.DCS-Engineering.com

February 28, 2020

Ms. Patricia Davis, P.E.
City of Pflugerville
City Engineer
15500 Sun Light Near Way #B
P.O. Box 589
Pflugerville, Texas 78660-0589

Re: City of Pflugerville
West SH-130 Interceptor Phase I
Recommendation to Award Contract

Dear Ms. Davis:

On February 27, 2020, DCS Engineering, LLC (DCS) assisted the City of Pflugerville in opening bids for the above referenced project. Five bid proposals were received with total Base Bids ranging from \$12,077,982.20 to \$14,849,695.00 which utilized fiberglass reinforced pipe material; and Alternate Bid No. 1 ranged from \$12,449,966.20 to \$15,077,689.00 which utilized PVC pipe material (see attached Bid Tabulation). The final engineer's opinion of most probable cost for the Base Bid was \$13,134,000. The amount the City of Pflugerville budgeted for construction of this project was \$15,000,000.

The scope of work for this project consists of furnishing of all labor, material, tools, and equipment for 1,700 linear feet of 30" wastewater line, 5,000 linear feet of 33" wastewater line, 3,000 linear feet of 36" wastewater line, 3,900 linear feet of 42" wastewater line, and 1,900 linear feet of up to about 70 ft deep 42" diameter tunneled wastewater line with three access shafts of up to 70 ft deep. The size, complexity, and installation depth of this project, notwithstanding the importance to the City for the project to remain on schedule to bring service to the west side of the SH-130 corridor, elevate the importance of this project to meet or exceed the standards of quality of the City so it achieves its longest service life and avoid costly premature replacement or rehabilitation of this wastewater interceptor.

Excel Aircraft, LLC DBA: Excel Trenching from Carthage, Texas had the lowest bid of 12,077,982.20. DCS has reviewed the Proposal and Bid Schedule including the required documents listed in the Instructions to Bidders to be submitted with the bid package by Excel Aircraft, LLC DBA: Excel Trenching and found them to be accurate and complete. DCS obtained a Dun and Bradstreet, Business Information Report On Demand for the General Contractor (Excel Aircraft, LLC) and the Trenchless Tunneling Contractor (Vadnais Trenchless Services, Inc. from Vista, California). It should be noted here that a report for Excel Trenching was searched for in Dun and Bradstreet databases but was not found. The report for Excel Aircraft, LLC states their Overall Business Risk to be "High". The report for Vadnais Trenchless Services, Inc. states their Overall Business Risk to be "Low-Moderate". Excel Trenching has listed Vadnais Trenchless Services, Inc. as the sub-contractor for the tunneling portion of the above project which represents 36.3% of the total Base Bid amount. The projects listed for their experience meet the requirements stipulated in Section 00400 and are of the same or larger scale, construction cost, and complexity of the West SH-130 Interceptor Project. DCS called the three project references supplied for Vadnais Trenchless Services, Inc. per Section 00400 – Trenchless Construction Contractor's or Subcontractor's Experience and Qualifications. One of the three references gave very favorable recommendations for work completed for them and/or recommended them for a project of the size and complexity of the West SH-130 Interceptor Project. The other two references had not yet responded at the time of this letter's completion (about 24 hours after the bids were opened). It

Ms. Patricia Davis, P.E.
February 28, 2020
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should be noted here that Alternate Bid No. 2 for on-site disposal versus off-site disposal of materials would result in a \$54,299.70 decrease for a total cost of \$12,023,682.50.

DCS also reviewed the second lowest bid of \$12,762,393.94 submitted by S.J. Louis Construction of Texas, Ltd. from San Antonio, Texas. DCS has reviewed the Proposal and Bid Schedule including the required documents listed in the Instructions to Bidders to be submitted with the bid package by S.J. Louis Construction of Texas, Ltd. and found them to be accurate and complete. DCS obtained a Dun and Bradstreet, Business Information Report On Demand for the General Contractor (S.J. Louis Construction of Texas, Ltd) and the Trenchless Tunneling Contractor (LP Sundance Construction, Inc. from Ferris, Texas). The report for S.J. Louis Construction of Texas, Ltd states their Overall Business Risk to be "Low-Moderate". The report for LP Sundance Construction, Inc. states their Overall Business Risk to be "Low-Moderate". S.J. Louis has listed LP Sundance Construction, Inc. as the sub-contractor for the tunneling portion of the above project which represents 36.1% of the total Base Bid amount. The projects listed for their experience meet the requirements stipulated in Section 00400 and are of the same or larger scale, construction cost, and complexity of the West SH-130 Interceptor Project. DCS called the three project references supplied for LP Sundance Construction per Section 00400 – Trenchless Construction Contractor's or Subcontractor's Experience and Qualifications. One of the three references gave very favorable recommendations for work completed for them and/or recommended them for a project of the size and complexity of the West SH-130 Interceptor Project. The other two references had not yet responded at the time of this letter's completion (about 24 hours after the bids were opened). It should be noted here that Alternate Bid No. 2 for on-site disposal versus off-site disposal of materials would result in a \$79,092.00 decrease for a total cost of \$12,683,301.94.

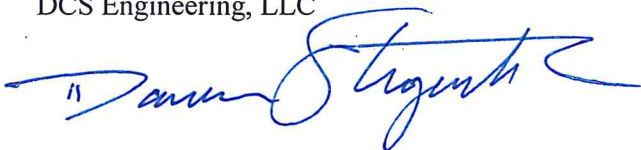
Per the Instructions to Bidders, Item 9 reads as follows: "DISQUALIFICATION OF BIDDERS: The following causes may be considered as sufficient for the disqualification of a bidder and the rejection of the bidder's proposal:". Item 9e. under this section states "A Dun & Bradstreet report with an Overall Business Risk of "Moderate-High" or "High". Based on the information presented, Excel Aircraft, LLC DBA: Excel Trenching is disqualified per the Instructions to Bidders. Therefore, the lowest responsive and responsible bidder as stipulated in the Instructions to Bidders is S.J. Louis Construction of Texas, Ltd. Based on the above information, DCS recommends the City award the West SH-130 Interceptor Phase I project to S.J. Louis Construction of Texas, Ltd. for a bid amount of \$12,762,393.94.

As stated in the Invitation to Bidders and Instruction to Bidders in the Contract Documents, the "City of Pflugerville reserves the rights to reject any and all bids and to waive any informalities in bids received; to eliminate a portion of the work or add additional work as required to keep the total contract amount within the funds budgeted; the right to award any parts or combination of parts of the project it deems necessary; and any other rights established under the laws of the State of Texas." Thus, we respectfully request that the City Council consider the information provided in this letter to select the lowest responsive and responsible bidder who meets the City's risk, quality, construction cost, qualifications, and schedules needed to serve the interests of the City's citizens.

If you have any questions, please call me at (512) 614-6171.

Sincerely,

DCS Engineering, LLC



Darren C Strozewski, P.E.
Project Manager

Enclosures



2/28/2020

City of Pflugerville
West SH-130 Interceptor
Bids Opened: 2/27/2020 at 10:00 am

BID TABULATION	Excel Trenching	S.J. Louis Construction of Texas, Ltd.	BAR Construction, Inc	D. Guerra Construction LLC	Spieß Construction Co., Inc.
Addenda Acknowledged (Y/N)	Y	Y	Y	Y	Y
Bid Bond (Y/N)	Y	Y	Y	Y	Y
Proposal and Bid Schedule (Y/N)	Y	Y	Y	Y	Y
Chapter 151 Tax Code Compliance (Y/N)	Y	Y	Y	Y	Y
Nonresident Bidders Compliance (Y/N)	Y	Y	Y	Y	Y
Conflict of Interest Questionnaire (Y/N)	Y	Y	Y	Y	Y
Non-Collusion Certificate (Y/N)	Y	Y	Y	Y	Y
Section 00400 - Trenchless Construction Experience and Qualifications (Y/N)	Y	Y	Y	Y	Y

Base Bid Items:															
Bid Item	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
GENERAL PROJECT ITEMS:															
1	Mobilization for Bid No. 1 Items (maximum 5% of total Bid)	1	LS	\$ 375,000.00	\$ 375,000.00	\$ 460,000.00	\$ 460,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 580,000.00	\$ 580,000.00		
INTERCEPTOR ITEMS:															
2	Furnish and Install 8" Stubout SDR 26 (ASTM D3034) PVC Pipe and Watertight PVC Cap per Detail 1, Drawing 04C-03; bedding per Detail WW-16; backfill with select common fill; groundwater and surface water control/dewatering; tracer tape; and appurtenances; Depth 15-25 ft., Complete in Place:	107	LF	\$ 116.00	\$ 12,412.00	\$ 30.00	\$ 3,210.00	\$ 124.00	\$ 13,268.00	\$ 89.30	\$ 9,555.10	\$ 375.00	\$ 40,125.00		
3	Furnish and Install 10" Stubout SDR 26 (ASTM D3034) PVC Pipe and Watertight PVC Cap per Detail 1, Drawing 04C-03; bedding per Detail WW-16; backfill with select common fill; groundwater and surface water control/dewatering; tracer tape; and appurtenances; Depth 15-25 ft., Complete in Place:	40	LF	\$ 182.00	\$ 7,280.00	\$ 41.00	\$ 1,640.00	\$ 125.00	\$ 5,000.00	\$ 101.00	\$ 4,040.00	\$ 330.00	\$ 13,200.00		
4	Furnish and Install 12" Stubout SDR 26 (ASTM D3034) PVC Pipe and Watertight PVC Cap per Detail 1, Drawing 04C-03; bedding per Detail WW-16; backfill with select common fill; groundwater and surface water control/dewatering; tracer tape; and appurtenances; Depth 15-25 ft., Complete in Place:	20	LF	\$ 201.00	\$ 4,020.00	\$ 51.00	\$ 1,020.00	\$ 130.00	\$ 2,600.00	\$ 111.70	\$ 2,234.00	\$ 650.00	\$ 13,000.00		
5	Furnish and Install 15" Stubout SDR 26 (ASTM D3034) PVC Pipe and Watertight PVC Cap per Detail 1, Drawing 04C-03; bedding per Detail WW-16; backfill with select common fill; groundwater and surface water control/dewatering; tracer tape; and appurtenances; Depth 15-25 ft., Complete in Place:	60	LF	\$ 352.00	\$ 21,120.00	\$ 69.00	\$ 4,140.00	\$ 145.00	\$ 8,700.00	\$ 125.75	\$ 7,545.00	\$ 435.00	\$ 26,100.00		
6	Furnish and Install 18" Stubout SN 72, (ASTM D3262) FRP Pipe and Watertight FRP Cap per Detail 1, Drawing 04C-03; bedding per Specification 02515; backfill with select common fill; groundwater and surface water control/dewatering; tracer tape; and appurtenances; Depth 15-25 ft., Complete in Place:	40	LF	\$ 165.00	\$ 6,600.00	\$ 120.00	\$ 4,800.00	\$ 155.00	\$ 6,200.00	\$ 138.00	\$ 5,520.00	\$ 410.00	\$ 16,400.00		
7	Furnish and Install 24" Stubout SN 72, (ASTM D3262) FRP Pipe and Watertight FRP Cap per Detail 1, Drawing 04C-03; bedding per Specification 02515; backfill with select common fill; groundwater and surface water control/dewatering; tracer tape; and appurtenances; Depth 15-25 ft., Complete in Place:	20	LF	\$ 159.00	\$ 3,180.00	\$ 154.00	\$ 3,080.00	\$ 200.00	\$ 4,000.00	\$ 156.00	\$ 3,120.00	\$ 730.00	\$ 14,600.00		
8	Furnish and Install 18" SN 72, (ASTM D3262) FRP Pipe with bedding per Specification 02515, backfill with select common fill, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	27	LF	\$ 142.00	\$ 3,834.00	\$ 109.00	\$ 2,943.00	\$ 225.00	\$ 6,075.00	\$ 138.00	\$ 3,726.00	\$ 390.00	\$ 10,530.00		
9	Furnish and Install 24" SN 72, (ASTM D3262) FRP Pipe with bedding per Specification 02515, backfill with select common fill, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	25	LF	\$ 168.00	\$ 4,200.00	\$ 128.00	\$ 3,200.00	\$ 300.00	\$ 7,500.00	\$ 159.50	\$ 3,987.50	\$ 600.00	\$ 15,000.00		
10	Furnish and Install 30" SN 72, (ASTM D3262) FRP Pipe with bedding per Specification 02515, backfill with select common fill, pipe trench collars per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 0-15 ft., Complete in Place:	901	LF	\$ 162.00	\$ 145,962.00	\$ 350.55	\$ 315,845.55	\$ 210.00	\$ 189,210.00	\$ 259.30	\$ 233,629.30	\$ 233.00	\$ 209,933.00		
11	Furnish and Install 30" SN 72, (ASTM D3262) FRP Pipe with bedding per Specification 02515, backfill with select common fill, pipe trench collars per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	717	LF	\$ 182.00	\$ 130,494.00	\$ 350.55	\$ 251,344.35	\$ 224.00	\$ 160,608.00	\$ 314.30	\$ 225,353.10	\$ 283.00	\$ 202,911.00		



City of Pflugerville
West SH-130 Interceptor
Bids Opened: 2/27/2020 at 10:00 am

Bid Item	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
12	Furnish and Install 33" SN 72, (ASTM D3262) FRP Pipe with bedding per Specification 02515, backfill with select common fill, pipe trench collars per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	5,003	LF	\$ 195.00	\$ 975,585.00	\$ 359.55	\$ 1,798,828.65	\$ 225.00	\$ 1,125,675.00	\$ 323.80	\$ 1,619,971.40	\$ 284.00	\$ 1,420,852.00
13	Furnish and Install 36" SN 72, (ASTM D3262) FRP Pipe with bedding per Specification 02515, backfill with select common fill, pipe trench collars per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	2,967	LF	\$ 217.00	\$ 643,839.00	\$ 372.55	\$ 1,105,355.85	\$ 275.00	\$ 815,925.00	\$ 337.30	\$ 1,000,769.10	\$ 302.00	\$ 896,034.00
14	Furnish and Install 42" SN 72, (ASTM D3262) FRP Pipe with bedding per Specification 02515, backfill with select common fill, pipe trench collars per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	513	LF	\$ 250.00	\$ 128,250.00	\$ 395.05	\$ 202,660.65	\$ 469.00	\$ 240,597.00	\$ 380.25	\$ 195,068.25	\$ 397.00	\$ 203,661.00
15	Furnish and Install 42" SN 72, (ASTM D3262) FRP Pipe with bedding per Specification 02515, backfill with select common fill, pipe trench collars per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 25-35 ft., Complete in Place:	1,173	LF	\$ 319.00	\$ 374,187.00	\$ 395.05	\$ 463,393.65	\$ 548.00	\$ 642,804.00	\$ 380.25	\$ 446,033.25	\$ 573.00	\$ 672,129.00
16	Furnish and Install 42" SN 72, (ASTM D3262) FRP Pipe with bedding per Specification 02515, backfill with select common fill, pipe trench collars per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 35-45 ft., Complete in Place:	2,207	LF	\$ 740.00	\$ 1,633,180.00	\$ 395.05	\$ 871,875.35	\$ 637.00	\$ 1,405,859.00	\$ 380.25	\$ 839,211.75	\$ 717.00	\$ 1,582,419.00
17	Furnish and Install 42-inch steel casing pipe (1/2" wall thickness) by bore and jack, not including 30" carrier pipe, including groundwater and surface water control/dewatering, access pits and appurtenances, Complete in Place:	369	LF	\$ 1,250.00	\$ 461,250.00	\$ 993.00	\$ 366,417.00	\$ 963.00	\$ 355,347.00	\$ 1,055.00	\$ 389,295.00	\$ 1,400.00	\$ 516,600.00
18	Furnish and Install Standard City of Pflugerville 6' Diameter Sanitary Sewer Manhole with 4' Riser and Bolted Cover, centered on 10' x 10' concrete slab. Slope fill to natural ground at 3:1 including dewatering and appurtenances for Depth 20-25 ft., Complete in Place:	1	EA	\$ 30,800.00	\$ 30,800.00	\$ 30,675.00	\$ 30,675.00	\$ 24,950.00	\$ 24,950.00	\$ 31,650.00	\$ 31,650.00	\$ 36,000.00	\$ 36,000.00
19	Furnish and Install Standard City of Pflugerville 6' Diameter Sanitary Sewer Manhole with 4' Riser and Bolted Cover, centered on 10' x 10' concrete slab. Slope fill to natural ground at 3:1 including dewatering and appurtenances for Depth 30-35 ft., Complete in Place:	3	EA	\$ 32,300.00	\$ 96,900.00	\$ 30,675.00	\$ 92,025.00	\$ 27,150.00	\$ 81,450.00	\$ 36,555.00	\$ 109,665.00	\$ 39,000.00	\$ 117,000.00
20	Furnish and Install Extra Depth on City of Pflugerville 6' Diameter Sanitary Sewer Manhole with 4' Riser including groundwater and surface water control/dewatering, Complete in Place:	28	VF	\$ 261.00	\$ 7,308.00	\$ 165.00	\$ 4,620.00	\$ 345.00	\$ 9,660.00	\$ 770.00	\$ 21,560.00	\$ 340.00	\$ 9,520.00
21	Furnish and Install City of Pflugerville 6' Diameter Sanitary Sewer Manhole with 6' Riser, 3' x 3' Watertight Hatch, centered on 10' x 10' concrete slab. Slope fill to natural ground at 3:1 including dewatering and appurtenances for Depth 10-15 ft., Complete in Place:	1	EA	\$ 31,300.00	\$ 31,300.00	\$ 34,490.00	\$ 34,490.00	\$ 27,000.00	\$ 27,000.00	\$ 28,065.00	\$ 28,065.00	\$ 30,000.00	\$ 30,000.00
22	Furnish and Install City of Pflugerville 6' Diameter Sanitary Sewer Manhole with 6' Riser, 3' x 3' Watertight Hatch, centered on 10' x 10' concrete slab. Slope fill to natural ground at 3:1 including dewatering and appurtenances for Depth 15-20 ft., Complete in Place:	10	EA	\$ 38,500.00	\$ 385,000.00	\$ 34,490.00	\$ 344,900.00	\$ 33,270.00	\$ 332,700.00	\$ 30,600.00	\$ 306,000.00	\$ 36,000.00	\$ 360,000.00
23	Furnish and Install City of Pflugerville 6' Diameter Sanitary Sewer Manhole with 6' Riser, 3' x 3' Watertight Hatch, centered on 10' x 10' concrete slab. Slope fill to natural ground at 3:1 including dewatering and appurtenances for Depth 20-25 ft., Complete in Place:	11	EA	\$ 42,700.00	\$ 469,700.00	\$ 34,490.00	\$ 379,390.00	\$ 37,470.00	\$ 412,170.00	\$ 33,050.00	\$ 363,550.00	\$ 39,000.00	\$ 429,000.00
24	Furnish and Install City of Pflugerville 6' Diameter Sanitary Sewer Manhole with 6' Riser, 3' x 3' Watertight Hatch, centered on 10' x 10' concrete slab. Slope fill to natural ground at 3:1 including dewatering and appurtenances for Depth 30-35 ft., Complete in Place:	5	EA	\$ 42,500.00	\$ 212,500.00	\$ 34,490.00	\$ 172,450.00	\$ 40,700.00	\$ 203,500.00	\$ 38,050.00	\$ 190,250.00	\$ 45,000.00	\$ 225,000.00
25	Furnish and Install Extra Depth on City of Pflugerville 6' Diameter Sanitary Sewer Manhole with 6' Riser including groundwater and surface water control/dewatering, Complete in Place:	12	VF	\$ 641.00	\$ 7,692.00	\$ 350.00	\$ 4,200.00	\$ 550.00	\$ 6,600.00	\$ 735.00	\$ 8,820.00	\$ 500.00	\$ 6,000.00
26	Furnish and Install City of Pflugerville Standard Manhole Drop Connection (8" to 12" diameters) from 2.5-11 ft drop, Complete in Place:	4	EA	\$ 3,400.00	\$ 13,600.00	\$ 800.00	\$ 3,200.00	\$ 2,950.00	\$ 11,800.00	\$ 4,000.00	\$ 16,000.00	\$ 13,000.00	\$ 52,000.00
27	Furnish and Install City of Pflugerville Standard Manhole Drop Connection (33" diameter) approximate 5 ft drop, Complete in Place:	1	EA	\$ 22,200.00	\$ 22,200.00	\$ 11,000.00	\$ 11,000.00	\$ 14,300.00	\$ 14,300.00	\$ 14,300.00	\$ 14,300.00	\$ 22,000.00	\$ 22,000.00
28	Furnish and Install 8" SDR 26 (ASTM D3034) PVC Pipe cleanout riser, per Detail 1, Drawing 04C-03 with standard bedding and backfill, and appurtenances, Complete in Place:	283	VF	\$ 51.00	\$ 14,433.00	\$ 80.10	\$ 22,668.30	\$ 35.00	\$ 9,905.00	\$ 98.50	\$ 27,875.50	\$ 15.00	\$ 4,245.00



**City of Pflugerville
West SH-130 Interceptor
Bids Opened: 2/27/2020 at 10:00 am**

Bid Item	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
29	Furnish and Install 8" SDR 26 (ASTM D3034) threaded PVC Clean Out in concrete pad on sanitary sewer pipe stubout per Detail 1, Drawing 04C-03, Complete in Place:	15	EA	\$ 4,000.00	\$ 60,000.00	\$ 1,150.00	\$ 17,250.00	\$ 1,710.00	\$ 25,650.00	\$ 1,060.00	\$ 15,900.00	\$ 1,500.00	\$ 22,500.00
30	Furnish and Install Manhole Vent with Check Valve per Detail 3, Drawing 04C-05, Complete in Place:	13	EA	\$ 3,000.00	\$ 39,000.00	\$ 2,500.00	\$ 32,500.00	\$ 3,800.00	\$ 49,400.00	\$ 3,350.00	\$ 43,550.00	\$ 3,000.00	\$ 39,000.00
31	Furnish and Install concrete trench cap, Complete in Place:	220	LF	\$ 30.00	\$ 6,600.00	\$ 265.00	\$ 58,300.00	\$ 30.00	\$ 6,600.00	\$ 200.00	\$ 44,000.00	\$ 500.00	\$ 110,000.00
32	Furnish and Install one set of four (4) bollards per Detail 1, Drawing 04C-08 in concrete pad where indicated on the plans, Complete in Place:	6	Per set of 4 bollards	\$ 2,400.00	\$ 14,400.00	\$ 2,500.00	\$ 15,000.00	\$ 2,880.00	\$ 17,280.00	\$ 2,500.00	\$ 15,000.00	\$ 4,000.00	\$ 24,000.00
	TUNNELING ITEMS:												
33	Furnish and Install 42" Jacking Pipe (SN 508) (ASTM D3262) FRP Pipe for use with one-pass tunneling method; or 42" SN 72 (ASTM D3262) FRP Pipe and initial support/casing pipe for use with two-pass tunneling method via tunneling including but not limited to: sealed plans for tunneling design by a Professional Engineer, annulus grouting, slurry disposal, labor, material, equipment, and appurtenances at a depth of 45-70 ft, Complete in Place:	1,865	LF	\$ 1,250.00	\$ 2,331,250.00	\$ 1,504.15	\$ 2,805,239.75	\$ 1,950.00	\$ 3,636,750.00	\$ 1,700.00	\$ 3,170,500.00	\$ 1,850.00	\$ 3,450,250.00
34	Furnish and Install 8' Diameter Cast in Place or Precast Sanitary Sewer Manhole inside Temporary Tunnel Shaft with 2'-0" thick 10' x 10' Top Slab at a depth of 0 - 63.5 ft, Complete in Place:	3	EA	\$ 218,000.00	\$ 654,000.00	\$ 80,610.00	\$ 241,830.00	\$ 109,750.00	\$ 329,250.00	\$ 88,500.00	\$ 265,500.00	\$ 90,000.00	\$ 270,000.00
35	Furnish and Install Extra Depth on 8' Diameter Cast in Place or Precast Sanitary Sewer Manhole inside Temporary Tunnel Shaft at a depth of 63.5 - 70 ft inclusive of adjustments associated with adjacent development project's finished grade elevations; Complete in Place:	11.4	VF	\$ 4,100.00	\$ 46,740.00	\$ 2,880.00	\$ 32,832.00	\$ 1,500.00	\$ 17,100.00	\$ 1,700.00	\$ 19,380.00	\$ 3,200.00	\$ 36,480.00
36	WWMH "A-10A" Temporary Tunnel Shaft (approximately 30 ft diameter) Installation, Maintenance during construction, and Backfilling including but not limited to: sealed plans for shaft design by a Professional Engineer, Primary Ground Support, incidental work not covered by other bid items, ground and surface water control/dewatering, surface restoration, appurtenances, Labor, Materials, and Equipment for depth of 63.5 ft, Complete in Place:	1	LS	\$ 370,000.00	\$ 370,000.00	\$ 475,200.00	\$ 475,200.00	\$ 396,800.00	\$ 396,800.00	\$ 550,000.00	\$ 550,000.00	\$ 600,000.00	\$ 600,000.00
37	WWMH "A-10B" Temporary Tunnel Shaft (approximately 30 ft diameter) Installation, Maintenance during construction, and Backfilling including but not limited to: sealed plans for shaft design by a Professional Engineer, Primary Ground Support, incidental work not covered by other bid items, ground and surface water control/dewatering, surface restoration, appurtenances, Labor, Materials, and Equipment for depth of 69.5 ft, Complete in Place:	1	LS	\$ 370,000.00	\$ 370,000.00	\$ 498,200.00	\$ 498,200.00	\$ 432,600.00	\$ 432,600.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00
38	WWMH "A-10C" Temporary Tunnel Shaft (approximately 30 ft diameter) Installation, Maintenance during construction, and Backfilling including but not limited to: sealed plans for shaft design by a Professional Engineer, Primary Ground Support, incidental work not covered by other bid items, ground and surface water control/dewatering, surface restoration, appurtenances, Labor, Materials, and Equipment for depth of 68.8 ft, Complete in Place:	1	LS	\$ 370,000.00	\$ 370,000.00	\$ 498,200.00	\$ 498,200.00	\$ 429,800.00	\$ 429,800.00	\$ 550,000.00	\$ 550,000.00	\$ 600,000.00	\$ 600,000.00
39	Treatment and discharge of Construction Water associated with Tunneling from Temporary Shafts, Complete in Place:	3	EA	\$ 40,000.00	\$ 120,000.00	\$ 8,500.00	\$ 25,500.00	\$ 2,500.00	\$ 7,500.00	\$ 15,000.00	\$ 45,000.00	\$ 5,000.00	\$ 15,000.00
40	Furnish, Install, Maintain, and Submit Reports to City for Geotechnical Monitoring System per Specification 02970 and Keynote 18 on Drawing 02C-08 including all Labor, Materials, and Equipment, Complete in Place:	1	LS	\$ 83,000.00	\$ 83,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00
41	Furnish and Install Standard City of Pflugerville Fire Hydrant, including 6" Gate Valve with Box, 6" Lead, Thrust Blocking, tapping sleeve and saddle, and associated appurtenances, Complete in Place:	1	EA	\$ 35,600.00	\$ 35,600.00	\$ 14,500.00	\$ 14,500.00	\$ 11,100.00	\$ 11,100.00	\$ 18,000.00	\$ 18,000.00	\$ 14,000.00	\$ 14,000.00
	PFLUGERVILLE PARKWAY LIFT STATION ITEMS:												
42	Salvage, Remove, and Convey to City Exist Pumps with floats, instrumentation, electrical cabinets/control panels including associated Labor, Materials, and Equipment per Series 100 Drawings, Complete in Place:	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 11,000.00	\$ 11,000.00	\$ 1,290.00	\$ 1,290.00	\$ 15,000.00	\$ 15,000.00	\$ 26,000.00	\$ 26,000.00
43	Demolish Exist Lift Station and appurtenances per Series 100 Drawings including adjustments to exist manholes, installing flowable fill in abandoned pipes, and site restoration, Complete in Place:	1	LS	\$ 146,000.00	\$ 146,000.00	\$ 54,500.00	\$ 54,500.00	\$ 32,250.00	\$ 32,250.00	\$ 56,000.00	\$ 56,000.00	\$ 31,000.00	\$ 31,000.00
	GENERAL ITEMS:												

City of Pflugerville
West SH-130 Interceptor
Bids Opened: 2/27/2020 at 10:00 am

Bid Item	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
44	Clearing and Grubbing within Temporary and Permanent Construction Easements; and Construction Laydown Areas including burning of newly cleared and grubbed material; burning existing brush piles identified on the plans for removal; and demolition of trees identified on the plans, Complete in Place:	30.5	AC	\$ 3,300.00	\$ 100,650.00	\$ 3,000.00	\$ 91,500.00	\$ 1,180.00	\$ 35,990.00	\$ 2,000.00	\$ 61,000.00	\$ 2,500.00	\$ 76,250.00
45	Pollution Prevention Implementation including Storm Water Pollution Prevention Plan, Maintenance, Permitting, Inspections, and Reporting for all Pollution Prevention Measures as shown on the plans, Complete in	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 17,000.00	\$ 17,000.00	\$ 4,250.00	\$ 4,250.00	\$ 15,000.00	\$ 15,000.00	\$ 10,000.00	\$ 10,000.00
46	Furnish, Install, Maintain and Remove Concrete Washout, Complete in Place:	2	EA	\$ 1,200.00	\$ 2,400.00	\$ 500.00	\$ 1,000.00	\$ 1,410.00	\$ 2,820.00	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00
47	Furnish, Install, Maintain and Remove stabilized construction access as shown on plans, Complete in Place:	4	EA	\$ 3,000.00	\$ 12,000.00	\$ 1,750.00	\$ 7,000.00	\$ 1,300.00	\$ 5,200.00	\$ 1,500.00	\$ 6,000.00	\$ 2,000.00	\$ 8,000.00
48	Furnish, Install, Maintain, and Remove/Dispose of 20 ft wide by 6" Thick Crushed Stone Temporary Access Road as needed to facilitate construction and as shown on plans including all Labor, Materials, and Equipment. Contractor shall obtain written approval from Engineer prior to installing road or portions of road, Complete in Place:	17,255	LF	\$ 18.30	\$ 315,766.50	\$ 1.00	\$ 17,255.00	\$ 18.00	\$ 310,590.00	\$ 12.75	\$ 220,001.25	\$ 20.00	\$ 345,100.00
49	Furnish, Install, Maintain, and Remove/Dispose of 20 ft wide vehicle crossing of creek or ditch with appurtenances, Complete in Place:	8	EA	\$ 15,800.00	\$ 126,400.00	\$ 55,000.00	\$ 440,000.00	\$ 8,420.00	\$ 67,360.00	\$ 10,000.00	\$ 80,000.00	\$ 13,000.00	\$ 104,000.00
50	Furnish, Install, Maintain and Remove Filter Fabric Fence with or without J-Hooks per Plans and Specifications, Complete in Place:	24,950	LF	\$ 1.80	\$ 44,910.00	\$ 3.00	\$ 74,850.00	\$ 2.00	\$ 49,900.00	\$ 2.00	\$ 49,900.00	\$ 3.00	\$ 74,850.00
51	Furnish and Install Curb Inlet Protection per plans and specifications prior to construction beginning, Complete in Place:	2	EA	\$ 300.00	\$ 600.00	\$ 200.00	\$ 400.00	\$ 250.00	\$ 500.00	\$ 250.00	\$ 500.00	\$ 200.00	\$ 400.00
52	Furnish, Install, Maintain and Remove Rock Berms per Plans and Specifications, Complete in Place:	520	LF	\$ 30.00	\$ 15,600.00	\$ 32.00	\$ 16,640.00	\$ 20.00	\$ 10,400.00	\$ 25.00	\$ 13,000.00	\$ 20.00	\$ 10,400.00
53	Furnish, Install, Maintain, and Remove Chain link Fence Tree Protection, Complete in Place:	2,474	LF	\$ 4.00	\$ 9,896.00	\$ 3.00	\$ 7,422.00	\$ 3.50	\$ 8,659.00	\$ 3.00	\$ 7,422.00	\$ 4.00	\$ 9,896.00
54	Furnish, Install, Maintain, and Remove Wood Slats Fence Tree Protection, Complete in Place:	47	Per Tree	\$ 70.00	\$ 3,290.00	\$ 150.00	\$ 7,050.00	\$ 121.00	\$ 5,687.00	\$ 150.00	\$ 7,050.00	\$ 200.00	\$ 9,400.00
55	Furnish and Install Hydromulch seeding per plans and specifications. Basis of area is the permanent easement, 20 ft Temporary Access Road, Construction Laydown Area No. 2, and Temporary Access Road to Laydown Area No. 1 shown on Drawing 00G-12 and 00G-13. Contractor shall restore additional areas disturbed at his cost, Complete in Place:	22.2	AC	\$ 2,900.00	\$ 64,380.00	\$ 2,200.00	\$ 48,840.00	\$ 2,180.00	\$ 48,396.00	\$ 1,300.00	\$ 28,860.00	\$ 1,500.00	\$ 33,300.00
56	Furnish Equipment, Labor, and Materials for watering of hydromulch seeding until revegetation is established. Water Provided by City at no cost to Contractor, Complete in Place:	22.2	AC	\$ 1,200.00	\$ 26,640.00	\$ 1,000.00	\$ 22,200.00	\$ 500.00	\$ 11,100.00	\$ 600.00	\$ 13,320.00	\$ 1,000.00	\$ 22,200.00
57	Furnish and Install Excelsior Blanket per plans at creek and ditch crossing restorations, Complete in Place:	4,800	SY	\$ 0.60	\$ 2,880.00	\$ 3.00	\$ 14,400.00	\$ 2.00	\$ 9,600.00	\$ 2.00	\$ 9,600.00	\$ 2.00	\$ 9,600.00
58	Off-site Disposal of all spoil materials generated by the project associated with the installation of the interceptor manholes, interceptor pipe with embedment envelope per the plan details, and appurtenances including Tunneling and Shaft installation, Complete in Place:	15,210	CY	\$ 7.15	\$ 108,751.50	\$ 11.70	\$ 177,957.00	\$ 6.00	\$ 91,260.00	\$ 12.00	\$ 182,520.00	\$ 10.00	\$ 152,100.00
59	Furnish and Install Trench Safety System Plan and System for sewer line construction, Complete in Place:	13,584	LF	\$ 18.80	\$ 255,379.20	\$ 0.01	\$ 135.84	\$ 2.00	\$ 27,168.00	\$ 10.00	\$ 135,840.00	\$ 5.00	\$ 67,920.00
60	Remove and Replace 3-stranded Barbwire Fence where shown on plans, Complete in Place:	2,538	LF	\$ 8.50	\$ 21,573.00	\$ 15.00	\$ 38,070.00	\$ 3.00	\$ 7,614.00	\$ 10.00	\$ 25,380.00	\$ 5.00	\$ 12,690.00
61	Furnish, Install, Maintain and Remove 4H Orange Safety Fencing per plans; Complete in Place:	250	LF	\$ 3.00	\$ 750.00	\$ 5.00	\$ 1,250.00	\$ 3.00	\$ 750.00	\$ 5.00	\$ 1,250.00	\$ 2.00	\$ 500.00
62	Furnish, Install, Salvage, and Reinstall Temporary 4H Orange Safety Fencing along interceptor route's open excavations/trenches and which are areas occupied by cattle per Note 27, Drawing 00G-04, Complete in Place:	400	LF	\$ 3.00	\$ 1,200.00	\$ 5.00	\$ 2,000.00	\$ 1.00	\$ 400.00	\$ 5.00	\$ 2,000.00	\$ 4.00	\$ 1,600.00
63	Furnish project photographs and video as specified in Section 01060, Complete in Place:	1	LS	\$ 6,000.00	\$ 6,000.00	\$ 2,500.00	\$ 2,500.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
64	Furnish and Install Project Sign including all Material and Labor, Complete in Place:	3	EA	\$ 2,000.00	\$ 6,000.00	\$ 1,000.00	\$ 3,000.00	\$ 920.00	\$ 2,760.00	\$ 1,250.00	\$ 3,750.00	\$ 4,000.00	\$ 12,000.00
65	Furnish, Install, and Maintain Traffic Control Plan and Traffic Control Devices with signage, safety barriers, appurtenances, in accordance with Texas Manual on Uniform Traffic Control Devices (Latest Edition); Complete in Place:	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 17,000.00	\$ 17,000.00	\$ 20,000.00	\$ 20,000.00	\$ 50,000.00	\$ 50,000.00
66	Furnish, Install, and Maintain Electronic Message boards for work associated with crossing FM 685 for the duration of construction at this location. Comply with all TXDOT requirements; Complete in Place:	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 10,000.00	\$ 10,000.00	\$ 2,500.00	\$ 2,500.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00
67	Remove and Replace Exist Cattle Pen per Drawing 02C-04 and Barn per Drawing 02C-06, Complete in Place:	1	LS	\$ 16,500.00	\$ 16,500.00	\$ 2,500.00	\$ 2,500.00	\$ 600.00	\$ 600.00	\$ 10,000.00	\$ 10,000.00	\$ 260,000.00	\$ 260,000.00

City of Pflugerville
West SH-130 Interceptor
Bids Opened: 2/27/2020 at 10:00 am

Bid Item	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
TOTAL BASE BID (Items 1-67) shall equal Total Base Bid					\$ 12,077,982.20		\$ 12,762,393.94		\$ 12,845,277.00		\$ 13,034,017.50		\$ 14,849,695.00
Alternate Bid Items No. 1:													
Bid Item	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
68	Furnish and Install 18" Stubout PS 115 (ASTM 679) PVC Pipe and Watertight PVC Cap per Detail 1, Drawing 04C-03; bedding per Detail WW-16; backfill with select common fill; groundwater and surface water control/dewatering; tracer tape; and appurtenances; Depth 15-25 ft., Complete in Place:	40	LF	\$ 156.00	\$ 6,240.00	\$ 99.00	\$ 3,960.00	\$ 155.00	\$ 6,200.00	\$ 235.30	\$ 9,412.00	\$ 410.00	\$ 16,400.00
69	Furnish and Install 24" Stubout PS 115 (ASTM 679) PVC Pipe and Watertight PVC Cap per Detail 1, Drawing 04C-03; bedding per Detail WW-16; backfill with select common fill; groundwater and surface water control/dewatering; tracer tape; and appurtenances; Depth 15-25 ft., Complete in Place:	20	LF	\$ 179.00	\$ 3,580.00	\$ 142.00	\$ 2,840.00	\$ 200.00	\$ 4,000.00	\$ 335.00	\$ 6,700.00	\$ 730.00	\$ 14,600.00
70	Furnish and Install 18" PS 115 (ASTM 679) PVC Pipe with bedding per Detail WW-16, backfill with select common fill, pipe trench collars Per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	27	LF	\$ 116.00	\$ 3,132.00	\$ 87.00	\$ 2,349.00	\$ 225.00	\$ 6,075.00	\$ 203.00	\$ 5,481.00	\$ 390.00	\$ 10,530.00
71	Furnish and Install 24" PS 115 (ASTM 679) PVC Pipe with bedding per Detail WW-16, backfill with select common fill, pipe trench collars Per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	25	LF	\$ 142.00	\$ 3,550.00	\$ 106.00	\$ 2,650.00	\$ 300.00	\$ 7,500.00	\$ 228.00	\$ 5,700.00	\$ 600.00	\$ 15,000.00
72	Furnish and Install 30" PS 115 (ASTM 679) PVC Pipe with bedding per Detail WW-16, backfill with select common fill, pipe trench collars Per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 0-15 ft., Complete in Place:	901	LF	\$ 159.00	\$ 143,259.00	\$ 338.55	\$ 305,033.55	\$ 203.00	\$ 182,903.00	\$ 243.30	\$ 219,213.30	\$ 233.00	\$ 209,933.00
73	Furnish and Install 30" PS 115 (ASTM 679) PVC Pipe with bedding per Detail WW-16, backfill with select common fill, pipe trench collars Per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	717	LF	\$ 178.00	\$ 127,626.00	\$ 338.55	\$ 242,740.35	\$ 217.00	\$ 155,589.00	\$ 298.30	\$ 213,881.10	\$ 283.00	\$ 202,911.00
74	Furnish and Install 36" PS 115 (ASTM 679) PVC Pipe in lieu of 33" FRP pipe in the Base Bid Items with bedding per Detail WW-16, backfill with select common fill, pipe trench collars Per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	5,003	LF	\$ 218.00	\$ 1,090,654.00	\$ 368.55	\$ 1,843,855.65	\$ 243.00	\$ 1,215,729.00	\$ 337.80	\$ 1,690,013.40	\$ 290.00	\$ 1,450,870.00
75	Furnish and Install 36" PS 115 (ASTM 679) PVC Pipe with bedding per Detail WW-16, backfill with select common fill, pipe trench collars Per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	2,967	LF	\$ 218.00	\$ 646,806.00	\$ 375.55	\$ 1,114,256.85	\$ 281.00	\$ 833,727.00	\$ 339.30	\$ 1,006,703.10	\$ 290.00	\$ 860,430.00
76	Furnish and Install 42" PS 115 (ASTM 679) PVC Pipe with bedding per Detail WW-16, backfill with select common fill, pipe trench collars Per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 15-25 ft., Complete in Place:	513	LF	\$ 317.00	\$ 162,621.00	\$ 438.05	\$ 224,719.65	\$ 525.00	\$ 269,325.00	\$ 408.20	\$ 209,406.60	\$ 457.00	\$ 234,441.00
77	Furnish and Install 42" PS 115 (ASTM 679) PVC Pipe with bedding per Detail WW-16, backfill with select common fill, pipe trench collars Per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 25-35 ft., Complete in Place:	1,173	LF	\$ 386.00	\$ 452,778.00	\$ 438.05	\$ 513,832.65	\$ 604.00	\$ 708,492.00	\$ 408.20	\$ 478,818.60	\$ 633.00	\$ 742,509.00
78	Furnish and Install 42" PS 115 (ASTM 679) PVC Pipe with bedding per Detail WW-16, backfill with select common fill, pipe trench collars per Detail 2, Drawing 04C-07, groundwater and surface water control/dewatering, tracer tape, and appurtenances, Depth 35-45 ft., Complete in Place:	2,207	LF	\$ 807.00	\$ 1,781,049.00	\$ 438.05	\$ 966,776.35	\$ 693.00	\$ 1,529,451.00	\$ 408.20	\$ 900,897.40	\$ 777.00	\$ 1,714,839.00
TOTAL ALTERNATE BID NO.1 (Items 1-5, plus 17-67; plus 68-78)					\$ 12,449,966.20		\$ 12,962,080.94		\$ 13,159,815.00		\$ 13,203,854.35		\$ 15,077,689.00
Alternate Bid Items No. 2:													
Bid Item	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount



City of Pflugerville
West SH-130 Interceptor
Bids Opened: 2/27/2020 at 10:00 am

Bid Item	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
79	On-site Disposal of all spoil materials generated by the project associated with the installation of the interceptor manholes, interceptor pipe with embedment envelope per the plan details, and appurtenances including Tunneling and Shaft installation. Disposal only includes transporting and dumping spoil material by the Contractor as accessed by the project's Temporary Access Road shown on the plans. Spreading, compacting, grading, clearing, and grubbing for this material is specifically excluded from this bid item and shall be conducted by others. Disposal shall be in the floodplain limits identified on Drawings 00G-06 (Sta: 64+00 to 79+00) and 00G-07 (Sta: 90+00 to 108+50). Contractor shall obtain the following documents from the landowner (Mr. Tim Timmerman) and submit to Engineer prior to beginning spoil disposal activities: City Site Disturbance Permit (SDP) and a FEMA Conditional Letter of Map Revision (CLOMR). Landowner shall prepare, submit to review agencies, and obtain approval by review agencies at his cost. The landowner's SDP and CLOMR shall accurately depict the specific areas that will be filled and the depth of fill at all locations. Complete in Place:	15,210	CY	\$ 3.58	\$ 54,451.80	\$ 6.50	\$ 98,865.00	\$ 2.50	\$ 38,025.00	\$ 8.00	\$ 121,680.00	\$ 10.00	\$ 152,100.00
TOTAL ALTERNATE BID NO.2 IN BASE BID (Items 1-57, plus 59-67; plus 79)					\$ 12,023,682.50		\$ 12,683,301.94		\$ 12,792,042.00		\$ 12,973,177.50		\$ 14,849,695.00
TOTAL ALTERNATE BID NO. 2 IN ALTERNATE BID NO. 1 (Items 1-5, plus 17-57, plus 59-67, plus 68-78; plus 79)					\$ 12,395,666.50		\$ 12,882,988.94		\$ 13,106,580.00		\$ 13,143,014.35		\$ 15,077,689.00

¹Calculation error by bidder, Unit price used to calculate total.

