

COUNCIL ACTION SHEET

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|-----------------|--|---|
| To: | The Mayor and Members of City Council |  |
| From: | Mouhamad Zaher, Public Works Director | |
| Date: | September 7, 2022 | |
| Subject: | S 1st Street - Strand Street Road and Utilities Extension (Project No. P-525) and the, 1st Street - St. Helens Street Intersection Improvements (Project No. R-685) | |

Background: In 2018, the City kicked off a grant-funded transportation study called the “Riverfront Connector Plan” which set the framework for a cohesive, multi-modal transportation loop from Highway 30 to the Riverfront District and along the waterfront. The aim of the Riverfront plan is to provide a cohesive, multi-modal, and inviting loop through the City’s downtown, along the waterfront, and connecting to US 30 and provide safe and convenient access through these area for vehicles, bicycles, and pedestrians.

The first phase of the Riverfront Connector Plan is the S 1st Street – Strand Street Road and Utilities Extension project which will extend S 1st Street from Cowlitz Street south to Plymouth Street and provide multiple mid-block crossings to allow for pedestrian and bicycle crossings, extend Strand Street south and west from Columbia View Park to intersect S 1st Street opposite the Tualatin pedestrian stairway. The project includes new utility extensions for water, sewer, and storm, and intersection improvements at S 1st Street and Cowlitz Street, Cowlitz Street and Strand Street, S 1st Street and St. Helens St, and S 1st Street and Strand Street.

The S 1st Street - Strand Street Road and Utilities Extension and the 1st Street - St. Helens Street Intersection Improvements are separate projects; however, because of the proximity of the proposed work, the projects were bid together with the intention of awarding both projects simultaneously to one contractor.

Work under the **S. 1st and Strand Street Road and Utilities Extension, Project No. 525** will include street construction of S. 1st Street from Tualatin Street to Cowlitz Street, all Cowlitz Street improvements, and Strand Street from its existing southern terminus to the Courthouse, construction of new pump station, the pathway along the bluff (including lighting and landscaping), and two water quality swale facilities. Storm drain improvements within the street improvements described above, storm main construction within S. 1st Street (from Plymouth to Tualatin Street), Tualatin Street, and Strand Street (from Tualatin Street to existing southern terminus of Strand Street). Sewer construction includes the force main connection between the pump station and wastewater treatment plant with all the gravity sewer construction shown on the plans. Water line improvements within the street improvements and between Tualatin Street and Plymouth. This project also includes an additional phase which includes street construction of Tualatin Street, Street A, and Strand Street (from Tualatin Street to the existing southern terminus of Strand Street), including furnishings, lighting, and landscaping within the limits of Add 1. Construction of the waterline extension between the end of existing Strand Street and the intersection of

COUNCIL ACTION SHEET

S. 1st Street and Tualatin Street. Stormwater construction includes catch basins for new street construction of Strand Street and Tualatin Street as well as Street A.

Work under the **S. 1st Street at St. Helens Street Intersection Improvements , Project No. R-685** includes a complete rebuild of the existing asphalt intersection into a concrete intersection, with curb extensions, stormwater planters, site furnishings, and etc..

The S 1st Street - Strand Street Road and Utilities Extension and the 1st Street - St. Helens Street Intersection Improvements projects were advertised for bid in the DJC (Daily Journal of Commerce) on June 29, 2022. The following bids were received and opened at 2:00 PM, August 18, 2022, in the Columbia Room in City Hall.

| FIRM | LOCATION | COMBINED BID AMOUNT FOR BOTH PROJECTS |
|-----------------------------|---------------|---------------------------------------|
| Moore Excavation Inc. | Fairview, OR | \$15,663,733.45 |
| Kerr Contractors Oregon LLC | Woodburn, OR | \$17,229,991.00 |
| TFT Construction Inc. | Scappoose, OR | \$15,903,111.00 |

The combined project estimate was \$14M to \$14.5M and will be funded through a Business Oregon Loan and System Development Charge funds.

Recommendation: Council award the contracts for the S 1st Street - Strand Street Road and Utilities Extension (P-525) and the 1st Street - St. Helens Street Intersection Improvements (R-685) to Moore Excavation, Inc. as the lowest responsive bidder and authorize the Mayor to execute Standard Public Improvement Contracts for both projects. Contracts will be for the amount specified in the firm's bid, plus standard contingency.

Attachment: Bidder's Spreadsheet and Tabulation of Bids



CITY OF ST. HELENS, 265 STRAND STREET, ST. HELENS OREGON 97051 | 503.397.6272 | WWW.STHELENSOREGON.GOV

UNOFFICIAL BID RESULTS

PROJECT NAME: **S 1ST STREET - STRAND STREET ROAD AND UTILITIES EXTENSION, AND S 1ST STREET - ST. HELENS STREET INTERSECTION IMPROVEMENTS**

BID OPENING: **2:00 P.M., Thursday, August 18, 2022**

BID OPENING WITNESSED BY: John Walsh, Sharon Darroux, Mouhamad Zaher, Tim Underwood, Alexander Bird

ARE BIDS LISTED IN THE ORDER OPENED? YES

PROJECT NO. **P-525 AND R-685**

ENGINEER'S ESTIMATE: **\$14M to 14.5M**

| S 1ST STREET - STRAND STREET ROAD AND UTILITIES EXTENSION, P-525 | | | | | | | S 1ST STREET - ST. HELENS STREET INTERSECTION IMPROVEMENTS, R-685 | | | | COMBINED BID AMOUNT |
|---|--------------------------------|------------|--|-----------------|--------------------------------|-------------------------|---|------------|--------------------------|--------------------------------|---------------------------------|
| Contractor's Name and Address | 10% Bid Bond or Check Enclosed | Bid Signed | Addendum(s) #1A, #1B, & 2 Acknowledged | Base Bid Amount | Add 1 Bid Amount | Base + Add 1 Bid Amount | 10% Bid Bond or Check Enclosed | Bid Signed | Addendum(s) Acknowledged | Bid Amount | |
| Moore Excavation Inc. PO Box 789 Fairview, OR 97024 | YES | YES | YES | \$12,291,902.25 | \$2,362,925.20 | \$14,654,827.45 | YES | YES | YES | \$1,008,906.00 (See Note 1) | \$15,663,733.45 |
| Kerr Contractors Oregon LLC PO Box 1060 Woodburn, OR 97071 | YES | YES | YES | \$13,986,743.00 | \$2,283,758.00 | \$16,270,501.00 | YES | YES | YES | \$959,490.00 | \$17,229,991.00 |
| TFT Construction Inc. 53990 W Lane Road Scappoose, OR 97123 | YES | YES | YES | \$12,493,833.00 | \$2,628,860.00 (See Note 3) | \$15,122,693.00 | NO | NO | NO | \$780,418.00 | \$15,903,111.00 (See Note 2) |
| | | | | | | | | | | | |
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RECOMMENDATION (APPARENT RESPONSIVE LOW BIDDER): Moore Excavation Inc.

- Note 1: Total Price different than submitted bid due to hand calculations not accounting for rounded quantity values. Refer to R-685 Bidders Tabulation.
- Note 2: Combined Bid Amount was corrected to include all bid schedules. TFT's submitted bid did not include Project R-685 in the Combined Bid Amount. TFT's Bid was disqualified because no bid bond was included for the S 1st Street - St Helens Street Intersection Improvements, R-685 Project. Bid was not signed, Addendums were not acknowledged, and No First Tier Subcontractor Form Submitted for the R-685 Project.
- Note 3: Bid was adjusted due to rounding discrepancy. Refer to P-525 Bidders Tabulation.



SCHEDULE OF PRICES

S 1ST STREET AND STRAND STREET ROAD AND UTILITIES EXTENSION
PROJECT NO. P-525
Bidders Tabulation

| | Engineers Estimate (w/o contingency) | | Kerr | | Moore Excavation | | TFT |
|-----------|--------------------------------------|---------------|------|---------------|------------------|---------------|------------------|
| Base Bid | \$ | 11,185,883.18 | \$ | 13,986,743.00 | \$ | 12,291,902.25 | \$ 12,493,833.00 |
| Add 1 Bid | \$ | 2,155,109.18 | \$ | 2,283,758.00 | \$ | 2,362,925.20 | \$ 2,628,860.00 |
| Totals | \$ | 13,340,992.36 | \$ | 16,270,501.00 | \$ | 14,654,827.45 | \$ 15,122,693.00 |

Bid was adjusted due to rounding discrepancy. See Add 1 Bid Tab



ADDENDUM NO. 2

City of St. Helens, Oregon | Public Improvement Contract | Project No P-525



SCHEDULE OF PRICES

S 1ST STREET AND STRAND STREET ROAD AND UTILITIES EXTENSION
PROJECT NO. P-525

ADDENDUM NO. 2

BASE BID SCHEDULE

St. Helens: S. 1st/Strand Streets

| ITEM # | SPEC SECTION | KIND OF WORK Roadway, Earthwork, Structures, Drainage, Planting, Illumination | UNIT | DATE 8/5/22 | Engineer's Estimate | | Kerr Construction | | Moore Excavation | | TFT | |
|-------------------------------|---------------|--|------|----------------|---------------------|--------------|-------------------|--------------|------------------|--------------|-------------|--------------|
| | | ITEM DESCRIPTION | | AMOUNT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 33. | 0310-0112000A | REMOVAL OF FENCES | FOOT | 983 | \$2.00 | \$1,966.00 | \$12.00 | \$11,796.00 | \$7.00 | \$6,881.00 | \$10.00 | \$9,830.00 |
| 34. | 0310-0119000F | ASPHALT PAVEMENT SAW CUTTING | FOOT | 3075 | \$2.00 | \$6,150.00 | \$5.00 | \$15,375.00 | \$4.50 | \$13,837.50 | \$4.00 | \$12,300.00 |
| 35. | | REMOVAL OF WWTP JUNCTION STRUCTURE SLIDEGATE | LS | 1 | \$600.00 | \$600.00 | \$10,000.00 | \$10,000.00 | \$5,000.00 | \$5,000.00 | \$5,500.00 | \$5,500.00 |
| 36. | | DECOMMISSION LIFT STATION | LS | 1 | \$60,000.00 | \$60,000.00 | \$100,000.00 | \$100,000.00 | \$65,000.00 | \$65,000.00 | \$35,000.00 | \$35,000.00 |
| CLEARING AND GRUBBING | | | | | | | | | | | | |
| 37. | 0320-0100000A | CLEARING AND GRUBBING | AC | 2.85 | \$2,500.00 | \$7,125.00 | \$200,000.00 | \$570,000.00 | \$7,000.00 | \$19,950.00 | \$7,500.00 | \$21,375.00 |
| EARTHWORK | | | | | | | | | | | | |
| 38. | 0330-0105000K | GENERAL EXCAVATION | CUYD | 3859 | \$25.00 | \$96,475.00 | \$60.00 | \$231,540.00 | \$70.00 | \$270,130.00 | \$35.00 | \$135,065.00 |
| GEOSYNTHETIC INSTALLATION | | | | | | | | | | | | |
| 39. | 0350-0105000J | SUBGRADE GEOTEXTILE | SQYD | 4982 | \$1.50 | \$7,473.00 | \$2.00 | \$9,964.00 | \$1.25 | \$6,227.50 | \$2.00 | \$9,964.00 |
| 40. | 350 | IMPERMEABLE LINER | SQYD | 240 | \$40.00 | \$9,600.00 | \$10.00 | \$2,400.00 | \$30.00 | \$7,200.00 | \$20.00 | \$4,800.00 |
| RIRAP PROTECTION | | | | | | | | | | | | |
| 41. | 0390-0105000K | LOOSE RIPRAP, CLASS 50 | CUYD | 4 | \$150.00 | \$600.00 | \$350.00 | \$1,400.00 | \$450.00 | \$1,800.00 | \$250.00 | \$1,000.00 |
| 42. | 0390-0111000K | LOOSE RIPRAP, CLASS 200 | CUYD | 9 | \$160.00 | \$1,440.00 | \$400.00 | \$3,600.00 | \$450.00 | \$4,050.00 | \$500.00 | \$4,500.00 |
| SANITARY, STORM, CULVERT PIPE | | | | | | | | | | | | |
| 43. | 0405-0100000K | ROCK EXCAVATION | CUYD | 1152 | \$200.00 | \$230,400.00 | \$250.00 | \$288,000.00 | \$200.00 | \$230,400.00 | \$250.00 | \$288,000.00 |
| 44. | 0415-0100000F | MAINLINE VIDEO INSPECTION | FOOT | 7044 | \$5.00 | \$35,220.00 | \$20.00 | \$140,880.00 | \$4.00 | \$28,176.00 | \$5.00 | \$35,220.00 |
| 46. | 0445-030008BF | 8 INCH SANITARY SEWER PIPE, 10 FT DEPTH | FOOT | 365 | \$228.00 | \$83,220.00 | \$175.00 | \$63,875.00 | \$175.00 | \$63,875.00 | \$100.00 | \$36,500.00 |
| 47. | 0445-030008CF | 8 INCH SANITARY SEWER PIPE, 20 FT DEPTH | FOOT | 293 | \$270.00 | \$79,110.00 | \$240.00 | \$70,320.00 | \$250.00 | \$73,250.00 | \$350.00 | \$102,550.00 |
| 48. | 0445-030010AF | 8 INCH SANITARY SEWER FORCE MAIN, 5 FT DEPTH | FOOT | 773 | \$240.00 | \$185,520.00 | \$122.00 | \$94,306.00 | \$180.00 | \$139,140.00 | \$80.00 | \$61,840.00 |
| 49. | 0445-030010BF | 8 INCH SANITARY SEWER FORCE MAIN, 10 FT DEPTH | FOOT | 202 | \$264.00 | \$53,328.00 | \$181.00 | \$36,562.00 | \$200.00 | \$40,400.00 | \$120.00 | \$24,240.00 |
| 50. | 0445-030010BF | 12 INCH SANITARY SEWER PIPE, 10 FT DEPTH | FOOT | 143 | \$330.00 | \$47,190.00 | \$190.00 | \$27,170.00 | \$275.00 | \$39,325.00 | \$140.00 | \$20,020.00 |
| 51. | 0445-030010CF | 12 INCH SANITARY SEWER PIPE, 20 FT DEPTH | FOOT | 1717 | \$360.00 | \$618,120.00 | \$260.00 | \$446,420.00 | \$230.00 | \$394,910.00 | \$400.00 | \$686,800.00 |
| 52. | 0445-035006AF | 6 INCH STORM SEWER PIPE, 5 FT DEPTH | FOOT | 20 | \$110.00 | \$2,200.00 | \$122.00 | \$2,440.00 | \$150.00 | \$3,000.00 | \$150.00 | \$3,000.00 |
| 53. | 0445-035006BF | 6 INCH STORM SEWER PIPE, 10 FT DEPTH | FOOT | 137 | \$120.00 | \$16,440.00 | \$161.00 | \$22,057.00 | \$175.00 | \$23,975.00 | \$100.00 | \$13,700.00 |
| 54. | 0445-035010AF | 10 INCH STORM SEWER PIPE, 5 FT DEPTH | FOOT | 64 | \$130.00 | \$8,320.00 | \$133.00 | \$8,512.00 | \$160.00 | \$10,240.00 | \$150.00 | \$9,600.00 |
| 55. | 0445-035010BF | 10 INCH STORM SEWER PIPE, 10 FT DEPTH | FOOT | 108 | \$150.00 | \$16,200.00 | \$171.00 | \$18,468.00 | \$200.00 | \$21,600.00 | \$140.00 | \$15,120.00 |
| 56. | 0445-035012AF | 12 INCH STORM SEWER PIPE, 5 FT DEPTH | FOOT | 553 | \$165.00 | \$91,245.00 | \$134.00 | \$74,102.00 | \$135.00 | \$74,655.00 | \$120.00 | \$66,360.00 |
| 58. | 0445-035015AF | 15 INCH STORM SEWER PIPE, 5 FT DEPTH | FOOT | 634 | \$180.00 | \$114,120.00 | \$140.00 | \$88,760.00 | \$120.00 | \$76,080.00 | \$130.00 | \$82,420.00 |
| 59. | 0445-035015BF | 15 INCH STORM SEWER PIPE, 10 FT DEPTH | FOOT | 724 | \$240.00 | \$173,760.00 | \$170.00 | \$123,080.00 | \$160.00 | \$115,840.00 | \$160.00 | \$115,840.00 |
| 60. | 0445-035018AF | 18 INCH STORM SEWER PIPE, 5 FT DEPTH | FOOT | 10 | \$190.00 | \$1,900.00 | \$180.00 | \$1,800.00 | \$275.00 | \$2,750.00 | \$200.00 | \$2,000.00 |
| 61. | 0445-035018BF | 18 INCH STORM SEWER PIPE, 10 FT DEPTH | FOOT | 703 | \$300.00 | \$210,900.00 | \$250.00 | \$175,750.00 | \$215.00 | \$151,145.00 | \$200.00 | \$140,600.00 |
| 62. | 0445-035024BF | 24 INCH STORM SEWER PIPE, 10 FT DEPTH | FOOT | 386 | \$360.00 | \$138,960.00 | \$320.00 | \$123,520.00 | \$275.00 | \$106,150.00 | \$250.00 | \$96,500.00 |
| 63. | 0445-060008AF | 8 INCH DUCTILE IRON PIPE, 5 FT DEPTH | FOOT | 27 | \$160.00 | \$4,320.00 | \$164.00 | \$4,428.00 | \$300.00 | \$8,100.00 | \$200.00 | \$5,400.00 |
| 64. | 0445-060010AF | 10 INCH DUCTILE IRON PIPE, 5 FT DEPTH | FOOT | 319 | \$170.00 | \$54,230.00 | \$174.00 | \$55,506.00 | \$220.00 | \$70,180.00 | \$160.00 | \$51,040.00 |
| 65. | 0445-060015AF | 15 INCH DUCTILE IRON PIPE, 5 FT DEPTH | FOOT | 52 | \$215.00 | \$11,180.00 | \$228.00 | \$11,856.00 | \$300.00 | \$15,600.00 | \$200.00 | \$10,400.00 |



SCHEDULE OF PRICES

S 1ST STREET AND STRAND STREET ROAD AND UTILITIES EXTENSION
PROJECT NO. P-525

ADDENDUM NO. 2

BASE BID SCHEDULE

St. Helens: S. 1st/Strand Streets

| ITEM # | SPEC SECTION | KIND OF WORK Roadway, Earthwork, Structures, Drainage, Planting, Illumination | UNIT | DATE 8/5/22 | Engineer's Estimate | | Kerr Construction | | Moore Excavation | | TFT | |
|--------|--|--|------|----------------|---------------------|--------------|-------------------|----------------|------------------|----------------|----------------|----------------|
| | | ITEM DESCRIPTION | | AMOUNT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 66. | 0445-060018AF | 18 INCH DUCTILE IRON PIPE, 5 FT DEPTH | FOOT | 57 | \$320.00 | \$18,240.00 | \$260.00 | \$14,820.00 | \$325.00 | \$18,525.00 | \$300.00 | \$17,100.00 |
| 67. | 0445-060018AF | 18 INCH DUCTILE IRON PIPE, 10 FT DEPTH | FOOT | 66 | \$360.00 | \$23,760.00 | \$320.00 | \$21,120.00 | \$315.00 | \$20,790.00 | \$350.00 | \$23,100.00 |
| 68. | 0445-0650000E | PIPE TEES, 6 INCH | EACH | 1 | \$1,000.00 | \$1,000.00 | \$200.00 | \$200.00 | \$2,000.00 | \$2,000.00 | \$1,340.00 | \$1,340.00 |
| 69. | 0445-0650000E | PIPE TEES, 8 INCH | EACH | 2 | \$1,200.00 | \$2,400.00 | \$400.00 | \$800.00 | \$2,000.00 | \$4,000.00 | \$695.00 | \$1,390.00 |
| 70. | 0445-0650000E | PIPE TEES, 12 INCH | EACH | 1 | \$1,800.00 | \$1,800.00 | \$500.00 | \$500.00 | \$2,400.00 | \$2,400.00 | \$920.00 | \$920.00 |
| 71. | 0445-SP | 2-INCH CONDUIT | FOOT | 4355 | \$15.00 | \$65,325.00 | \$10.00 | \$43,550.00 | \$7.00 | \$30,485.00 | \$8.00 | \$34,840.00 |
| 72. | 0445-SP | 3-INCH CONDUIT | FOOT | 8477 | \$20.00 | \$169,540.00 | \$15.00 | \$127,155.00 | \$10.00 | \$84,770.00 | \$14.00 | \$118,678.00 |
| 73. | 0445-SP | FRANCHISE UTILITY TRENCH | FOOT | 4812 | \$20.00 | \$96,240.00 | \$60.00 | \$288,720.00 | \$85.00 | \$409,020.00 | \$35.00 | \$168,420.00 |
| | | | | | | | | | | | | |
| | MANHOLES, CATCH BASINS, INLETS, AND VAULTS | | | | | | | | | | | |
| 74. | 0470-0100000E | CONCRETE SANITARY SEWER MANHOLES | EACH | 15 | \$10,200.00 | \$153,000.00 | \$8,000.00 | \$120,000.00 | \$10,000.00 | \$150,000.00 | \$6,500.00 | \$97,500.00 |
| 75. | 0470-0101000E | CONCRETE STORM SEWER MANHOLES | EACH | 18 | \$7,500.00 | \$135,000.00 | \$7,200.00 | \$129,600.00 | \$8,500.00 | \$153,000.00 | \$6,000.00 | \$108,000.00 |
| 76. | 0470-0104000E | CONCRETE MANHOLES, STORM SEWER POLLUTION CONTROL | EACH | 2 | \$11,000.00 | \$22,000.00 | \$12,000.00 | \$24,000.00 | \$25,000.00 | \$50,000.00 | \$10,000.00 | \$20,000.00 |
| 77. | 0470-0105000E | CONCRETE MANHOLES, SHALLOW (FLAT TOP) | EACH | 17 | \$7,000.00 | \$119,000.00 | \$6,000.00 | \$102,000.00 | \$8,000.00 | \$136,000.00 | \$5,500.00 | \$93,500.00 |
| 78. | 0470-0311000E | CONCRETE INLETS, TYPE D | EACH | 2 | \$2,700.00 | \$5,400.00 | \$2,200.00 | \$4,400.00 | \$3,500.00 | \$7,000.00 | \$3,000.00 | \$6,000.00 |
| 79. | 0470-0315000E | CONCRETE INLETS, TYPE G-2 (20"X24" CATCH BASIN) | EACH | 21 | \$2,200.00 | \$46,200.00 | \$2,600.00 | \$54,600.00 | \$3,400.00 | \$71,400.00 | \$3,400.00 | \$71,400.00 |
| 80. | 0470-SP | 575-CRPUD Vaults (UV SWITCH 3P) | EACH | 8 | \$10,000.00 | \$80,000.00 | \$7,600.00 | \$60,800.00 | \$9,000.00 | \$72,000.00 | \$6,200.00 | \$49,600.00 |
| 81. | 0470-SP | 1730 CONCRETE HAND HOLE | EACH | 3 | \$2,500.00 | \$7,500.00 | \$600.00 | \$1,800.00 | \$1,700.00 | \$5,100.00 | \$1,400.00 | \$4,200.00 |
| 82. | 0470-SP | UV TRANS APARA (UT 1-PH BANK) | EACH | 3 | \$8,000.00 | \$24,000.00 | \$800.00 | \$2,400.00 | \$7,500.00 | \$22,500.00 | \$4,740.00 | \$14,220.00 |
| 83. | 0470-SP | 575-PGE VAULT (UT 2-PH BANK) | EACH | 1 | \$10,000.00 | \$10,000.00 | \$7,600.00 | \$7,600.00 | \$8,500.00 | \$8,500.00 | \$6,200.00 | \$6,200.00 |
| 84. | 0470-SP | PADMOUNT NO. 7272-1542-TRANSPAD PGE (UT 3-PH BANK) | EACH | 1 | \$14,000.00 | \$14,000.00 | \$760.00 | \$760.00 | \$2,200.00 | \$2,200.00 | \$5,525.00 | \$5,525.00 |
| 85. | | SANITARY PUMP STATION (COMPLETE) | LS | 1 | \$870,000.00 | \$870,000.00 | \$1,600,000.00 | \$1,600,000.00 | \$1,300,000.00 | \$1,300,000.00 | \$1,676,000.00 | \$1,676,000.00 |
| | | | | | | | | | | | | |
| | WORK ON EXISTING SEWERS AND STRUCTURES | | | | | | | | | | | |
| 86. | 0490-0100000E | ADJUSTING BOXES | EACH | 5 | \$500.00 | \$2,500.00 | \$400.00 | \$2,000.00 | \$150.00 | \$750.00 | \$500.00 | \$2,500.00 |
| 87. | 0490-0104000E | CONNECTION TO EXISTING STRUCTURES | EACH | 8 | \$1,600.00 | \$12,800.00 | \$2,300.00 | \$18,400.00 | \$3,400.00 | \$27,200.00 | \$2,500.00 | \$20,000.00 |
| 88. | 0490-0117000E | FILLING ABANDONED STRUCTURES | EACH | 1 | \$1,500.00 | \$1,500.00 | \$5,000.00 | \$5,000.00 | \$3,000.00 | \$3,000.00 | \$15,000.00 | \$15,000.00 |
| 89. | 0490-0120000E | MINOR ADJUSTMENT OF MANHOLES | EACH | 6 | \$1,200.00 | \$7,200.00 | \$1,000.00 | \$6,000.00 | \$1,100.00 | \$6,600.00 | \$1,200.00 | \$7,200.00 |
| 90. | 0490-0121000E | MAJOR ADJUSTMENT OF MANHOLES | EACH | 2 | \$1,800.00 | \$3,600.00 | \$2,000.00 | \$4,000.00 | \$2,700.00 | \$5,400.00 | \$2,200.00 | \$4,400.00 |
| 91. | 0490-0123000E | EXTRA FOR MANHOLES OVER EXISTING SEWERS | EACH | 6 | \$4,000.00 | \$24,000.00 | \$3,000.00 | \$18,000.00 | \$4,500.00 | \$27,000.00 | \$4,000.00 | \$24,000.00 |
| 92. | 0490-XXXXXXXX | FILLING ABANDONED PIPE | FOOT | 799 | \$25.00 | \$19,975.00 | \$16.00 | \$12,784.00 | \$17.00 | \$13,583.00 | \$5.00 | \$3,995.00 |
| 93. | 0495-0100000J | TRENCH RESURFACING | SQYD | 4337 | \$100.00 | \$433,700.00 | \$60.00 | \$260,220.00 | \$6.00 | \$26,022.00 | \$28.00 | \$121,436.00 |
| | | | | | | | | | | | | |
| | CAST-IN-PLACE CONCRETE RETAINING WALLS | | | | | | | | | | | |
| 94. | 0596-B002000A | RETAINING WALL, Sta. 17+82.16 to Sta.18+57.01 | LS | 1 | \$22,200.00 | \$22,200.00 | \$20,000.00 | \$20,000.00 | \$35,000.00 | \$35,000.00 | \$13,740.00 | \$13,740.00 |
| 95. | 0596-B002000A | RETAINING WALL, Sta. 18+65.63 to Sta. 19+39.20 | LS | 1 | \$35,000.00 | \$35,000.00 | \$40,000.00 | \$40,000.00 | \$40,000.00 | \$40,000.00 | \$21,999.00 | \$21,999.00 |
| | | | | | | | | | | | | |
| | BASES | | | | | | | | | | | |
| 96. | 0620-0120000J | COLD PLANE PAVEMENT REMOVAL, 2 INCHES DEEP | SQYD | 667 | \$4.00 | \$2,668.00 | \$12.00 | \$8,004.00 | \$18.00 | \$12,006.00 | \$8.50 | \$5,669.50 |
| 97. | 0641-0112000M | 3/4 INCH - 0 AGGREGATE BASE | TON | 1683 | \$39.00 | \$65,637.00 | \$93.00 | \$156,519.00 | \$54.00 | \$90,882.00 | \$45.00 | \$75,735.00 |
| 98. | 0641-0117000M | 1-1/2 INCH - 0 AGGREGATE BASE | TON | 2109 | \$45.00 | \$94,905.00 | \$37.00 | \$78,033.00 | \$24.00 | \$50,616.00 | \$42.00 | \$88,578.00 |



SCHEDULE OF PRICES

S 1ST STREET AND STRAND STREET ROAD AND UTILITIES EXTENSION
PROJECT NO. P-525

ADDENDUM NO. 2

BASE BID SCHEDULE

St. Helens: S. 1st/Strand Streets

| | | KIND OF WORK Roadway, Earthwork, Structures, Drainage, Planting, Illumination | | DATE 8/5/22 | Engineer's Estimate | | Kerr Construction | | Moore Excavation | | TFT | |
|--------|---------------|--|------|----------------|---------------------|--------------|-------------------|--------------|------------------|--------------|-------------|--------------|
| ITEM # | SPEC SECTION | ITEM DESCRIPTION | UNIT | AMOUNT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| | | | | | | | | | | | | |
| | | ASPHALT CONCRETE PAVEMENT | | | | | | | | | | |
| 99. | 0730-010000M | EMULSIFIED ASPHALT FOR TACK COAT | TON | 2.5 | \$300.00 | \$750.00 | \$1,000.00 | \$2,500.00 | \$5.00 | \$12.50 | \$850.00 | \$2,125.00 |
| 100. | 0744-020200M | LEVEL 2, 1/2 INCH ACP MIXTURE | TON | 1752 | \$140.00 | \$245,280.00 | \$100.00 | \$175,200.00 | \$182.00 | \$318,864.00 | \$87.00 | \$152,424.00 |
| 101. | 0745-062000M | PG 64-22 ASPHALT IN LEVEL 2 ACP | TON | 106 | \$110.00 | \$11,660.00 | \$750.00 | \$79,500.00 | \$5.00 | \$530.00 | \$850.00 | \$90,100.00 |
| 102. | 0749-0114000J | TEMPORARY ASPHALT WALKS | SQFT | 568 | \$10.00 | \$5,680.00 | \$20.00 | \$11,360.00 | \$10.00 | \$5,680.00 | \$21.50 | \$12,212.00 |
| | | | | | | | | | | | | |
| | | CONCRETE PAVEMENT | | | | | | | | | | |
| 103. | 0756-0101000J | PLAIN CONCRETE PAVEMENT, UNDOWELED, 6 INCHES THICK | SQYD | 1959 | \$150.00 | \$293,850.00 | \$155.00 | \$303,645.00 | \$150.00 | \$293,850.00 | \$171.00 | \$334,989.00 |
| 104. | 0756-0111000J | PLAIN CONCRETE PAVEMENT, UNDOWELED, 6 INCHES THICK WITH STEEL REINFORCEMENT | SQYD | 237 | \$170.00 | \$40,290.00 | \$163.00 | \$38,631.00 | \$185.00 | \$43,845.00 | \$180.30 | \$42,731.10 |
| 105. | 0755-030000E | FLEXIBLE TO RIGID PAVEMENT TRANSITIONS | EACH | 18 | \$2,050.00 | \$36,900.00 | \$2,400.00 | \$43,200.00 | \$3,000.00 | \$54,000.00 | \$2,632.00 | \$47,376.00 |
| | | | | | | | | | | | | |
| | | MISC. PORTLAND CEMENT CONCRETE STRUCTURES | | | | | | | | | | |
| 106. | 0759-010000F | CONCRETE CURBS | FOOT | 615 | \$40.00 | \$24,600.00 | \$36.00 | \$22,140.00 | \$40.00 | \$24,600.00 | \$32.20 | \$19,803.00 |
| 107. | 0759-010000F | CONCRETE CURBS, PLANTER CURB | FOOT | 526 | \$45.00 | \$23,670.00 | \$82.00 | \$43,132.00 | \$225.00 | \$118,350.00 | \$79.50 | \$41,817.00 |
| 108. | 0759-0103000F | CONCRETE CURBS, CURB AND GUTTER | FOOT | 2559 | \$48.00 | \$122,832.00 | \$40.00 | \$102,360.00 | \$45.00 | \$115,155.00 | \$37.25 | \$95,322.75 |
| 109. | 0759-0127000J | CONCRETE DRIVEWAYS, REINFORCED | SQFT | 966 | \$25.00 | \$24,150.00 | \$16.00 | \$15,456.00 | \$26.00 | \$25,116.00 | \$18.10 | \$17,484.60 |
| 110. | 0759-0128000J | CONCRETE WALKS | SQFT | 40233 | \$14.00 | \$563,262.00 | \$14.00 | \$563,262.00 | \$14.00 | \$563,262.00 | \$14.70 | \$591,425.10 |
| 111. | 0759-0138000J | 4 INCH CONCRETE SURFACING | SQFT | 2140 | \$12.00 | \$25,680.00 | \$14.00 | \$29,960.00 | \$15.00 | \$32,100.00 | \$14.70 | \$31,458.00 |
| 112. | 0759-0150000K | CONCRETE STAIRS | SQFT | 213 | \$120.00 | \$25,560.00 | \$300.00 | \$63,900.00 | \$275.00 | \$58,575.00 | \$312.00 | \$66,456.00 |
| 113. | 0759-0154100E | EXTRA FOR NEW CURB RAMPS | EACH | 19 | \$1,000.00 | \$19,000.00 | \$1,400.00 | \$26,600.00 | \$2,200.00 | \$41,800.00 | \$1,587.00 | \$30,153.00 |
| 114. | 0759-0510000J | TRUNCATED DOMES ON NEW SURFACES | SQFT | 1182 | \$60.00 | \$70,920.00 | \$45.00 | \$53,190.00 | \$45.00 | \$53,190.00 | \$44.00 | \$52,008.00 |
| 115. | 0760-0100000J | UNIT PAVERS | SQFT | 873 | \$25.00 | \$21,825.00 | \$22.00 | \$19,206.00 | \$36.00 | \$31,428.00 | \$55.00 | \$48,015.00 |
| | | | | | | | | | | | | |
| | | PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES | | | | | | | | | | |
| 116. | 0815-010000E | BOLLARDS | EACH | 32 | \$1,200.00 | \$38,400.00 | \$1,500.00 | \$48,000.00 | \$2,500.00 | \$80,000.00 | \$1,800.00 | \$57,600.00 |
| 117. | 0905-010000A | REMOVE EXISTING SIGNS | LS | 1 | \$1,500.00 | \$1,500.00 | \$6,000.00 | \$6,000.00 | \$5,000.00 | \$5,000.00 | \$7,500.00 | \$7,500.00 |
| 118. | 0930-0116000A | PIPE SIGN SUPPORTS | LS | 1 | \$8,000.00 | \$8,000.00 | \$11,000.00 | \$11,000.00 | \$75,000.00 | \$75,000.00 | \$23,290.00 | \$23,290.00 |
| 119. | 0940-0202000J | SIGNS, STANDARD SHEETING, SHEET ALUMINIUM | SQFT | 350 | \$17.00 | \$5,950.00 | \$41.00 | \$14,350.00 | \$35.00 | \$12,250.00 | \$25.00 | \$8,750.00 |
| | | | | | | | | | | | | |
| | | PAVEMENT MARKERS, MARKINGS & REMOVAL | | | | | | | | | | |
| 120. | 0860-020000F | LONGITUDINAL PAVEMENT MARKINGS - PAINT | FOOT | 4100 | \$0.90 | \$3,690.00 | \$1.50 | \$6,150.00 | \$4.00 | \$16,400.00 | \$1.50 | \$6,150.00 |
| 121. | 0865-0160000F | THERMOPLASTIC, EXTRUDED OR SPRAYED, SURFACE, NON-PROFILED | FOOT | 5000 | \$0.71 | \$3,550.00 | \$2.00 | \$10,000.00 | \$2.25 | \$11,250.00 | \$2.00 | \$10,000.00 |
| 122. | 0867-0131000E | PAVEMENT LEGEND, TYPE B-HS: BICYCLE LANE STENCIL | EACH | 15 | \$279.00 | \$4,185.00 | \$300.00 | \$4,500.00 | \$400.00 | \$6,000.00 | \$500.00 | \$7,500.00 |
| 123. | 0867-0145100J | PAVEMENT BAR, TYPE B-HS | SQFT | 400 | \$9.50 | \$3,800.00 | \$16.00 | \$6,400.00 | \$16.00 | \$6,400.00 | \$12.00 | \$4,800.00 |
| 124. | 0867-0165100E | PAVEMENT LEGEND, TYPE B-HS: ON-STREET PARKING | EACH | 65 | \$35.00 | \$2,275.00 | \$55.00 | \$3,575.00 | \$150.00 | \$9,750.00 | \$500.00 | \$32,500.00 |
| 125. | 0867-0173100E | PAVEMENT LEGEND, TYPE B-HS: DISABLED PARKING | EACH | 6 | \$300.00 | \$1,800.00 | \$260.00 | \$1,560.00 | \$700.00 | \$4,200.00 | \$500.00 | \$3,000.00 |
| 126. | 0869-0200000F | CURB MARKING, PAINT | FOOT | 1440 | \$2.25 | \$3,240.00 | \$2.00 | \$2,880.00 | \$3.00 | \$4,320.00 | \$5.00 | \$7,200.00 |
| | | | | | | | | | | | | |
| | | PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEM | | | | | | | | | | |



SCHEDULE OF PRICES

S 1ST STREET AND STRAND STREET ROAD AND UTILITIES EXTENSION
PROJECT NO. P-525

ADDENDUM NO. 2

BASE BID SCHEDULE

St. Helens: S. 1st/Strand Streets

| | | KIND OF WORK Roadway, Earthwork, Structures, Drainage, Planting, Illumination | | DATE 8/5/22 | Engineer's Estimate | | Kerr Construction | | Moore Excavation | | TFT | |
|--------|--------------------------------------|---|------|----------------|---------------------|--------------|-------------------|--------------|------------------|--------------|--------------|--------------|
| ITEM # | SPEC SECTION | ITEM DESCRIPTION | UNIT | AMOUNT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 127. | 0970-0100000A | POLE FOUNDATIONS | LS | 1 | \$110,000.00 | \$110,000.00 | \$110,000.00 | \$110,000.00 | \$125,000.00 | \$125,000.00 | \$127,600.00 | \$127,600.00 |
| 128. | 0970-0104000A | LUMINAIRES, LAMPS, AND BALLASTS | LS | 1 | \$150,000.00 | \$150,000.00 | \$130,000.00 | \$130,000.00 | \$150,000.00 | \$150,000.00 | \$121,000.00 | \$121,000.00 |
| 129. | 0970-0105000A | SWITCHING, CONDUIT, AND WIRING | LS | 1 | \$175,000.00 | \$175,000.00 | \$400,000.00 | \$400,000.00 | \$450,000.00 | \$450,000.00 | \$814,000.00 | \$814,000.00 |
| 130. | 0970-0200000A | LIGHTING POLES AND ARMS | LS | 1 | \$360,000.00 | \$360,000.00 | \$200,000.00 | \$200,000.00 | \$200,000.00 | \$200,000.00 | \$128,700.00 | \$128,700.00 |
| | | | | | | | | | | | | |
| | RIGHT OF WAY DEVELOPMENT AND CONTROL | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | PLANTING | | | | | | | | | | | |
| 131. | 1030-0108000R | NATIVE PLANT SEEDING | SQFT | 30732 | \$0.30 | \$9,219.60 | \$3.00 | \$92,196.00 | \$0.35 | \$10,756.20 | \$0.50 | \$15,366.00 |
| 132. | 1030-0108000R | LAWN SEEDING | SQFT | 1960 | \$0.30 | \$588.00 | \$1.50 | \$2,940.00 | \$0.50 | \$980.00 | \$1.00 | \$1,960.00 |
| 133. | 1030-0118000R | WATER QUALITY SEEDING | SQFT | 1405 | \$0.30 | \$421.50 | \$3.00 | \$4,215.00 | \$1.40 | \$1,967.00 | \$1.00 | \$1,405.00 |
| 134. | 1030-0140000R | MULCHING | SQFT | 34097 | \$0.10 | \$3,409.70 | \$1.50 | \$51,145.50 | \$0.15 | \$5,114.55 | \$0.90 | \$30,687.30 |
| 135. | 1040-0130000E | TREE | EACH | 95 | \$800.00 | \$76,000.00 | \$600.00 | \$57,000.00 | \$500.00 | \$47,500.00 | \$550.00 | \$52,250.00 |
| 136. | 1040-0101000K | TOPSOIL | CUYD | 2132 | \$50.00 | \$106,600.00 | \$62.00 | \$132,184.00 | \$60.00 | \$127,920.00 | \$50.00 | \$106,600.00 |
| 137. | 1040-0196000M | ROCK MULCH | TON | 37 | \$80.00 | \$2,960.00 | \$82.00 | \$3,034.00 | \$175.00 | \$6,475.00 | \$300.00 | \$11,100.00 |
| 138. | 1040-9Z90000A | BARK MULCH | CUYD | 100 | \$65.00 | \$6,500.00 | \$82.00 | \$8,200.00 | \$80.00 | \$8,000.00 | \$150.00 | \$15,000.00 |
| 139. | 1040-9Z90000A | ROOT BARRIER | FOOT | 420 | \$15.00 | \$6,300.00 | \$22.00 | \$9,240.00 | \$19.00 | \$7,980.00 | \$20.00 | \$8,400.00 |
| 140. | 1040-9Z90000A | SHRUBS AND GROUNDCOVER | SQFT | 15999 | \$5.00 | \$79,995.00 | \$6.00 | \$95,994.00 | \$7.50 | \$119,992.50 | \$25.00 | \$399,975.00 |
| 141. | 1040-9Z90000B | WATER QUALITY PLANTING AREAS | SQFT | 3747 | \$5.00 | \$18,735.00 | \$12.00 | \$44,964.00 | \$5.50 | \$20,608.50 | \$20.00 | \$74,940.00 |
| 142. | 1069-0100000F | METAL HANDRAIL | FOOT | 82 | \$125.00 | \$10,250.00 | \$175.00 | \$14,350.00 | \$200.00 | \$16,400.00 | \$150.00 | \$12,300.00 |
| 143. | 1069-0100000F | METAL GUARDRAIL | FOOT | 173 | \$200.00 | \$34,600.00 | \$205.00 | \$35,465.00 | \$300.00 | \$51,900.00 | \$250.00 | \$43,250.00 |
| 144. | 1095-0100000E | PEDESTRIAN DIRECTIONAL SIGNS | EACH | 2 | \$3,000.00 | \$6,000.00 | \$5,000.00 | \$10,000.00 | \$500.00 | \$1,000.00 | \$600.00 | \$1,200.00 |
| 145. | 1095-0100000E | BENCHES | EACH | 15 | \$1,500.00 | \$22,500.00 | \$3,000.00 | \$45,000.00 | \$2,200.00 | \$33,000.00 | \$3,000.00 | \$45,000.00 |
| 147. | 1095-9Z90000A | INTERPRETIVE PANELS | EACH | 2 | \$6,500.00 | \$13,000.00 | \$10,000.00 | \$20,000.00 | \$18,000.00 | \$36,000.00 | \$3,250.00 | \$6,500.00 |
| 148. | 1095-9Z90000B | BASALT COLUMN | EACH | 26 | \$840.00 | \$21,840.00 | \$1,700.00 | \$44,200.00 | \$1,600.00 | \$41,600.00 | \$2,200.00 | \$57,200.00 |
| 149. | 1095-9Z90000C | DRINKING FOUNTAIN | EACH | 1 | \$5,000.00 | \$5,000.00 | \$7,000.00 | \$7,000.00 | \$8,000.00 | \$8,000.00 | \$8,500.00 | \$8,500.00 |
| 150. | 1095-9Z90000C | TRASH CAN | EACH | 3 | \$1,300.00 | \$3,900.00 | \$4,000.00 | \$12,000.00 | \$3,500.00 | \$10,500.00 | \$3,000.00 | \$9,000.00 |
| 151. | 1095-9Z90000C | PET WASTE BAG DISPENSER | EACH | 2 | \$500.00 | \$1,000.00 | \$1,600.00 | \$3,200.00 | \$1,200.00 | \$2,400.00 | \$4,500.00 | \$9,000.00 |
| 152. | 1095-X | SKATE DETERRENT | EACH | 68 | \$250.00 | \$17,000.00 | \$300.00 | \$20,400.00 | \$165.00 | \$11,220.00 | \$400.00 | \$27,200.00 |
| 153. | 1095-X | STONE VENEER SEAT WALL W/ PRECAST CONCRETE TOP | FOOT | 337 | \$300.00 | \$101,100.00 | \$500.00 | \$168,500.00 | \$900.00 | \$303,300.00 | \$200.00 | \$67,400.00 |
| 154. | 1095-X | STONE VENEER END COLUMN W/ PRECAST CONCRETE TOP | EACH | 48 | \$1,500.00 | \$72,000.00 | \$3,000.00 | \$144,000.00 | \$6,500.00 | \$312,000.00 | \$900.00 | \$43,200.00 |
| 155. | 1095-X | STONE VENEER BASE FOR LIGHT POLE | EACH | 10 | \$1,000.00 | \$10,000.00 | \$1,600.00 | \$16,000.00 | \$4,500.00 | \$45,000.00 | \$1,200.00 | \$12,000.00 |
| 156. | 1095-X | TRAFFIC BARRIER ARM | EACH | 1 | \$30,000.00 | \$30,000.00 | \$27,000.00 | \$27,000.00 | \$40,000.00 | \$40,000.00 | \$2,500.00 | \$2,500.00 |
| | | | | | | | | | | | | |
| | WATER SUPPLY SYSTEMS | | | | | | | | | | | |
| 157. | 1120-0100000A | IRRIGATION SYSTEM | SQFT | 21153 | \$2.00 | \$42,306.00 | \$2.50 | \$52,882.50 | \$8.00 | \$169,224.00 | \$6.00 | \$126,918.00 |
| 158. | 1140-0145000F | 8-INCH POTABLE WATER PIPE, FITTINGS & COUPLINGS WITH RESTRAINED JOINTS AND CLASS B BACKFILL | FOOT | 91 | \$180.00 | \$16,380.00 | \$174.00 | \$15,834.00 | \$200.00 | \$18,200.00 | \$250.00 | \$22,750.00 |
| 159. | 1140-0145000F | 12-INCH POTABLE WATER PIPE, FITTINGS & COUPLINGS WITH RESTRAINED | FOOT | 2550 | \$200.00 | \$510,000.00 | \$140.00 | \$357,000.00 | \$190.00 | \$484,500.00 | \$300.00 | \$765,000.00 |
| 160. | 1140-0195000E | BLOWOFF ASSEMBLY, 2 INCH | EACH | 4 | \$2,400.00 | \$9,600.00 | \$4,000.00 | \$16,000.00 | \$3,500.00 | \$14,000.00 | \$8,500.00 | \$34,000.00 |
| 161. | 1140-0300000E | 12 INCH CONNECTION TO 12 INCH EXISTING MAIN | EACH | 3 | \$12,000.00 | \$36,000.00 | \$8,000.00 | \$24,000.00 | \$3,000.00 | \$9,000.00 | \$8,500.00 | \$25,500.00 |



SCHEDULE OF PRICES

S 1ST STREET AND STRAND STREET ROAD AND UTILITIES EXTENSION
PROJECT NO. P-525



ADDENDUM NO. 2


BASE BID SCHEDULE

St. Helens: S. 1st/Strand Streets

| ITEM # | SPEC SECTION | KIND OF WORK Roadway, Earthwork, Structures, Drainage, Planting, Illumination | UNIT | DATE 8/5/22 | Engineer's Estimate | | Kerr Construction | | Moore Excavation | | TFT | |
|----------------|---------------|--|------|----------------|---------------------|------------------|-------------------|-----------------|------------------|-----------------|-------------|-----------------|
| | | | | | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 163. | 1140-040000F | 6-INCH DUCTILE IRON PIPE WITH CLASS B BACKFILL | FOOT | 125 | \$156.00 | \$19,500.00 | \$150.00 | \$18,750.00 | \$200.00 | \$25,000.00 | \$200.00 | \$25,000.00 |
| 164. | 1140-0610000E | DUCTILE IRON PIPE TEES, 8x8x6 INCH | EACH | 1 | \$720.00 | \$720.00 | \$2,000.00 | \$2,000.00 | \$1,000.00 | \$1,000.00 | \$645.00 | \$645.00 |
| 165. | 1140-0610000E | DUCTILE IRON PIPE TEES, 12x12x6 INCH | EACH | 6 | \$720.00 | \$4,320.00 | \$2,500.00 | \$15,000.00 | \$1,600.00 | \$9,600.00 | \$995.00 | \$5,970.00 |
| 166. | 1140-0640000E | DUCTILE IRON PIPE CROSS, 12x12x8x8 INCH | EACH | 1 | \$1,800.00 | \$1,800.00 | \$2,600.00 | \$2,600.00 | \$3,000.00 | \$3,000.00 | \$2,165.00 | \$2,165.00 |
| 167. | 1140-0670000E | DUCTILE IRON PIPE REDUCER, 12x6 INCH | EACH | 1 | \$720.00 | \$720.00 | \$1,900.00 | \$1,900.00 | \$750.00 | \$750.00 | \$595.00 | \$595.00 |
| 168. | 1140-0650000E | DUCTILE IRON PIPE BEND, 12 INCH | EACH | 12 | \$720.00 | \$8,640.00 | \$2,000.00 | \$24,000.00 | \$1,300.00 | \$15,600.00 | \$900.00 | \$10,800.00 |
| 169. | 1150-0100000E | 1-INCH AIR RELEASE VALVE | EACH | 2 | \$2,400.00 | \$4,800.00 | \$4,300.00 | \$8,600.00 | \$3,200.00 | \$6,400.00 | \$5,400.00 | \$10,800.00 |
| 170. | 1150-0100000E | 6 AND 8 INCH GATE VALVES | EACH | 9 | \$2,100.00 | \$18,900.00 | \$3,400.00 | \$30,600.00 | \$1,800.00 | \$16,200.00 | \$3,000.00 | \$27,000.00 |
| 171. | 1150-0100000E | 12 INCH GATE VALVES | EACH | 7 | \$2,400.00 | \$16,800.00 | \$6,600.00 | \$46,200.00 | \$4,000.00 | \$28,000.00 | \$5,000.00 | \$35,000.00 |
| 172. | 1150-0700000E | 6 INCH TAPPING SLEEVE AND 6 INCH VALVE ASSEMBLY | EACH | 1 | \$4,800.00 | \$4,800.00 | \$7,500.00 | \$7,500.00 | \$7,000.00 | \$7,000.00 | \$6,500.00 | \$6,500.00 |
| 173. | 1150-0700000E | 12 INCH TAPPING SLEEVE AND 12 INCH VALVE ASSEMBLY | EACH | 1 | \$6,000.00 | \$6,000.00 | \$11,530.00 | \$11,530.00 | \$11,000.00 | \$11,000.00 | \$8,500.00 | \$8,500.00 |
| 174. | 1160-0100000E | HYDRANT ASSEMBLIES | EACH | 1 | \$12,000.00 | \$12,000.00 | \$9,700.00 | \$9,700.00 | \$8,000.00 | \$8,000.00 | \$10,500.00 | \$10,500.00 |
| 175. | 1160-0102000E | MOVING EXISTING HYDRANTS | EACH | 1 | \$3,600.00 | \$3,600.00 | \$2,000.00 | \$2,000.00 | \$3,800.00 | \$3,800.00 | \$5,000.00 | \$5,000.00 |
| 176. | 1170-0103000F | 1 INCH WATER SERVICE CONNECTION PIPING | FOOT | 190 | \$96.00 | \$18,240.00 | \$90.00 | \$17,100.00 | \$70.00 | \$13,300.00 | \$80.00 | \$15,200.00 |
| 177. | 1170-0110000E | 1 INCH WATER METER ASSEMBLY | EACH | 5 | \$3,600.00 | \$18,000.00 | \$3,000.00 | \$15,000.00 | \$2,000.00 | \$10,000.00 | \$2,000.00 | \$10,000.00 |
| 178. | 1170-0111000E | RELOCATE 1 INCH WATER METER ASSEMBLY | EACH | 3 | \$2,160.00 | \$6,480.00 | \$2,500.00 | \$7,500.00 | \$2,500.00 | \$7,500.00 | \$4,500.00 | \$13,500.00 |
| 179. | 4300-x | ABANDON EXISTING WATER LINE | FOOT | 535 | \$25.00 | \$13,375.00 | \$16.00 | \$8,560.00 | \$15.00 | \$8,025.00 | \$20.00 | \$10,700.00 |
| TOTAL BASE BID | | | | | Total Engineers | \$ 11,185,883.18 | Total Kerr | \$13,986,743.00 | Total Moore | \$12,291,902.25 | Total TFT | \$12,493,833.00 |

| ADD 1 BID SCHEDULE | | | | | | | | | | | | |
|-----------------------------------|---|--|------|----------------|--------------------|---------------|--------------|---------------|------------------|---------------|--------------|---------------|
| St. Helens: S. 1st/Strand Streets | | | | | | | Kerr | | Moore Excavation | | TFT | |
| |  | KIND OF WORK Roadway, Earthwork, Structures, Drainage, Planting, Illumination | | DATE 8/5/22 | Engineers Estimate | | | | | | | |
| ITEM # | SPEC SECTION | ITEM DESCRIPTION | UNIT | AMOUNT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| | MOBILIZATION AND TRAFFIC CONTROL | | | | | | | | | | | |
| 1. | 0210-0100000A | MOBILIZATION | LS | 1 | 10% | \$ 194,555.38 | \$100,000.00 | \$ 100,000.00 | \$175,000.00 | \$ 175,000.00 | \$124,000.25 | \$ 124,000.25 |
| 2. | 0221-0100000A | TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE | LS | 1 | \$15,000.00 | \$ 15,000.00 | \$100,000.00 | \$ 100,000.00 | \$35,000.00 | \$ 35,000.00 | \$75,000.00 | \$ 75,000.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | EROSION AND SEDIMENT CONTROL | | | | | \$ - | | \$ - | | | | |
| 4. | 0280-0100000A | EROSION CONTROL | LS | 1 | \$5,000.00 | \$ 5,000.00 | \$25,000.00 | \$ 25,000.00 | \$20,000.00 | \$ 20,000.00 | \$27,500.00 | \$ 27,500.00 |
| 6. | 0280-0104020R | TEMPORARY MULCHING, STRAW | ACRE | 1.3 | \$15,000.00 | \$ 19,500.00 | \$2,700.00 | \$ 3,510.00 | \$5,700.00 | \$ 7,410.00 | \$2,800.00 | \$ 3,640.00 |
| 14. | 0280-0114040E | INLET PROTECTION, TYPE 4 | EACH | 12 | \$80.00 | \$ 960.00 | \$100.00 | \$ 1,200.00 | \$110.00 | \$ 1,320.00 | \$300.00 | \$ 3,600.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | ENVIRONMENTAL PROTECTION | | | | | \$ - | | \$ - | | | | |
| 15. | 0290-0100000A | POLLUTION CONTROL PLAN | LS | 1 | \$1,500.00 | \$ 1,500.00 | \$1,000.00 | \$ 1,000.00 | \$1,000.00 | \$ 1,000.00 | \$1,500.00 | \$ 1,500.00 |
| 19. | 0294-0600000A | SEGREGATE AND STOCKPILE CONTAMINATED SOIL | LS | 1 | \$2,500.00 | \$ 2,500.00 | \$20,000.00 | \$ 20,000.00 | \$6,800.00 | \$ 6,800.00 | \$10,000.00 | \$ 10,000.00 |
| 20. | 0294-0700000E | SOIL SAMPLE COLLECTION AND ANALYTICAL TESTING | EACH | 8 | \$500.00 | \$ 4,000.00 | \$600.00 | \$ 4,800.00 | \$675.00 | \$ 5,400.00 | \$1,200.00 | \$ 9,600.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | CONSTRUCTION SURVEY WORK | | | | | \$ - | | \$ - | | | | |
| 23. | 0305-0100000A | CONSTRUCTION SURVEY WORK | LS | 1 | \$15,000.00 | \$ 15,000.00 | \$45,000.00 | \$ 45,000.00 | \$50,000.00 | \$ 50,000.00 | \$21,875.00 | \$ 21,875.00 |
| 24. | 0305-0100000Z | CONSTRUCTION AS-BUILT SURVEY | LS | 1 | \$2,500.00 | \$ 2,500.00 | \$2,000.00 | \$ 2,000.00 | \$5,000.00 | \$ 5,000.00 | \$2,500.00 | \$ 2,500.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | REMOVAL OF STRUCTURES AND OBSTRUCTIONS | | | | | \$ - | | \$ - | | | | |
| 26. | 0310-0103000J | REMOVAL OF SURFACINGS | SQYD | 1368 | \$15.00 | \$ 20,520.00 | \$9.00 | \$ 12,312.00 | \$8.50 | \$ 11,628.00 | \$4.50 | \$ 6,156.00 |
| 32. | 0310-0106000A | REMOVAL OF STRUCTURES AND OBSTRUCTIONS | LS | 1 | \$3,000.00 | \$ 3,000.00 | \$50,000.00 | \$ 50,000.00 | \$30,000.00 | \$ 30,000.00 | \$15,000.00 | \$ 15,000.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | CLEARING AND GRUBBING | | | | | \$ - | | \$ - | | | | |
| 37. | 0320-0100000A | CLEARING AND GRUBBING | AC | 0.32 | \$2,500.00 | \$ 800.00 | \$10,000.00 | \$ 3,200.00 | \$6,500.00 | \$ 2,080.00 | \$7,500.00 | \$ 2,400.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | EARTHWORK | | | | | \$ - | | \$ - | | | | |
| 38. | 0330-0105000K | GENERAL EXCAVATION | CUYD | 3182 | \$25.00 | \$ 79,550.00 | \$51.00 | \$ 162,282.00 | \$37.00 | \$ 117,734.00 | \$35.00 | \$ 111,370.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | GEOSYNTHETIC INSTALLATION | | | | | \$ - | | \$ - | | | | |
| 39. | 0350-0105000J | SUBGRADE GEOTEXTILE | SQYD | 4376 | \$1.50 | \$ 6,564.00 | \$2.00 | \$ 8,752.00 | \$1.25 | \$ 5,470.00 | \$2.00 | \$ 8,752.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | RIRAP PROTECTION | | | | | \$ - | | \$ - | | | | |
| | | | | | | \$ - | | \$ - | | | | |
| | SANITARY, STORM, CULVERT PIPE | | | | | \$ - | | \$ - | | | | |
| 43. | 0405-0100000K | ROCK EXCAVATION | CUYD | 35 | \$200.00 | \$ 7,000.00 | \$300.00 | \$ 10,500.00 | \$200.00 | \$ 7,000.00 | \$250.00 | \$ 8,750.00 |
| 44. | 0415-0100000F | MAINLINE VIDEO INSPECTION | FOOT | 577 | \$5.00 | \$ 2,885.00 | \$20.00 | \$ 11,540.00 | \$4.00 | \$ 2,308.00 | \$8.00 | \$ 4,616.00 |
| 45. | 0445-030008AF | 8 INCH SANITARY SEWER PIPE, 5 FT DEPTH | FOOT | 142 | \$175.00 | \$ 24,850.00 | \$160.00 | \$ 22,720.00 | \$125.00 | \$ 17,750.00 | \$90.00 | \$ 12,780.00 |
| 54. | 0445-035010AF | 10 INCH STORM SEWER PIPE, 5 FT DEPTH | FOOT | 130 | \$130.00 | \$ 16,900.00 | \$141.00 | \$ 18,330.00 | \$160.00 | \$ 20,800.00 | \$100.00 | \$ 13,000.00 |
| 55. | 0445-035010BF | 10 INCH STORM SEWER PIPE, 10 FT DEPTH | FOOT | 58 | \$150.00 | \$ 8,700.00 | \$162.00 | \$ 9,396.00 | \$175.00 | \$ 10,150.00 | \$120.00 | \$ 6,960.00 |
| 57. | 0445-035012BF | 12 INCH STORM SEWER PIPE, 10 FT DEPTH | FOOT | 111 | \$215.00 | \$ 23,865.00 | \$153.00 | \$ 16,983.00 | \$115.00 | \$ 12,765.00 | \$160.00 | \$ 17,760.00 |
| 64. | 0445-060010AF | 10 INCH DUCTILE IRON PIPE, 5 FT DEPTH | FOOT | 136 | \$170.00 | \$ 23,120.00 | \$177.00 | \$ 24,072.00 | \$200.00 | \$ 27,200.00 | \$180.00 | \$ 24,480.00 |
| 71. | 0445-SP | 2-INCH CONDUIT | FOOT | 129 | \$30.00 | \$ 3,870.00 | \$11.00 | \$ 1,419.00 | \$5.50 | \$ 709.50 | \$8.00 | \$ 1,032.00 |
| 72. | 0445-SP | 3-INCH CONDUIT | FOOT | 2990 | \$40.00 | \$ 119,600.00 | \$16.00 | \$ 47,840.00 | \$9.00 | \$ 26,910.00 | \$16.00 | \$ 47,840.00 |

| ADD 1 BID SCHEDULE | | | | | | | | | | | | |
|---|---|--|------|----------------|--------------------|---------------|------------|------------------|-------------|---------------|------------|---------------|
|  | | St. Helens: S. 1st/Strand Streets | | | | Kerr | | Moore Excavation | | TFT | | |
| |  | KIND OF WORK Roadway, Earthwork, Structures, Drainage, Planting, Illumination | | DATE 8/5/22 | Engineers Estimate | | | | | | | |
| ITEM # | SPEC SECTION | ITEM DESCRIPTION | UNIT | AMOUNT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 73. | 0445-SP | FRANCHISE UTILITY TRENCH | FOOT | 997 | \$20.00 | \$ 19,940.00 | \$61.00 | \$ 60,817.00 | \$84.00 | \$ 83,748.00 | \$40.00 | \$ 39,880.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | MANHOLES, CATCH BASINS, INLETS, AND VAULTS | | | | | \$ - | | \$ - | | | | |
| 74. | 0470-0100000E | CONCRETE SANITARY SEWER MANHOLES | EACH | 1 | \$10,200.00 | \$ 10,200.00 | \$6,000.00 | \$ 6,000.00 | \$8,000.00 | \$ 8,000.00 | \$6,500.00 | \$ 6,500.00 |
| 75. | 0470-0101000E | CONCRETE STORM SEWER MANHOLES | EACH | 2 | \$7,500.00 | \$ 15,000.00 | \$7,500.00 | \$ 15,000.00 | \$6,500.00 | \$ 13,000.00 | \$6,000.00 | \$ 12,000.00 |
| 79. | 0470-0315000E | CONCRETE INLETS, TYPE G-2 (20"X24" CATCH BASIN) | EACH | 12 | \$2,200.00 | \$ 26,400.00 | \$2,600.00 | \$ 31,200.00 | \$3,400.00 | \$ 40,800.00 | \$3,000.00 | \$ 36,000.00 |
| 80. | 0470-SP | 575-CRPUD Vaults (UV SWITCH 3P) | EACH | 2 | \$10,000.00 | \$ 20,000.00 | \$7,600.00 | \$ 15,200.00 | \$8,000.00 | \$ 16,000.00 | \$6,200.00 | \$ 12,400.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | WORK ON EXISTING SEWERS AND STRUCTURES | | | | | \$ - | | \$ - | | | | |
| 87. | 0490-0104000E | CONNECTION TO EXISTING STRUCTURES | EACH | 2 | \$1,600.00 | \$ 3,200.00 | \$2,500.00 | \$ 5,000.00 | \$3,200.00 | \$ 6,400.00 | \$2,500.00 | \$ 5,000.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | CAST-IN-PLACE CONCRETE RETAINING WALLS | | | | | \$ - | | \$ - | | | | |
| | | | | | | \$ - | | \$ - | | | | |
| | BASES | | | | | \$ - | | \$ - | | | | |
| 97. | 0641-0112000M | 3/4 INCH - 0 AGGREGATE BASE | TON | 1019 | \$39.00 | \$ 39,741.00 | \$78.00 | \$ 79,482.00 | \$52.00 | \$ 52,988.00 | \$45.00 | \$ 45,855.00 |
| 98. | 0641-0117000M | 1-1/2 INCH - 0 AGGREGATE BASE | TON | 1185 | \$45.00 | \$ 53,325.00 | \$37.00 | \$ 43,845.00 | \$28.00 | \$ 33,180.00 | \$42.00 | \$ 49,770.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | ASPHALT CONCRETE PAVEMENT | | | | | \$ - | | \$ - | | | | |
| 99. | 0730-0100000M | EMULSIFIED ASPHALT FOR TACK COAT* | TON | 2 | \$300.00 | \$ 600.00 | \$1,100.00 | \$ 2,200.00 | \$5.00 | \$ 10.00 | \$800.00 | \$ 1,600.00 |
| 100. | 0744-0202000M | LEVEL 2, 1/2 INCH ACP MIXTURE | TON | 1273 | \$140.00 | \$ 178,220.00 | \$103.00 | \$ 131,119.00 | \$180.00 | \$ 229,140.00 | \$87.00 | \$ 110,751.00 |
| 101. | 0745-0620000M | PG 64-22 ASPHALT IN LEVEL 2 ACP | TON | 77 | \$110.00 | \$ 8,470.00 | \$750.00 | \$ 57,750.00 | \$5.00 | \$ 385.00 | \$850.00 | \$ 65,450.00 |
| *Bid tab spreadsheet showed this as being 2, but was rounded up from 1.6. Spreadsheet corrected to keep as rounded up to 2. | | | | | | \$ - | | \$ - | | | | |
| | CONCRETE PAVEMENT | | | | | \$ - | | \$ - | | | | |
| | | | | | | \$ - | | \$ - | | | | |
| | MISC. PORTLAND CEMENT CONCRETE STRUCTURES | | | | | \$ - | | \$ - | | | | |
| 106. | 0759-0100000F | CONCRETE CURBS | FOOT | 90 | \$40.00 | \$ 3,600.00 | \$40.00 | \$ 3,600.00 | \$55.00 | \$ 4,950.00 | \$34.05 | \$ 3,064.50 |
| 107. | 0759-0100000F | CONCRETE CURBS, PLANTER CURB | FOOT | 185 | \$45.00 | \$ 8,325.00 | \$85.00 | \$ 15,725.00 | \$210.00 | \$ 38,850.00 | \$81.05 | \$ 14,994.25 |
| 108. | 0759-0103000F | CONCRETE CURBS, CURB AND GUTTER | FOOT | 1938 | \$48.00 | \$ 93,024.00 | \$40.00 | \$ 77,520.00 | \$36.00 | \$ 69,768.00 | \$37.15 | \$ 71,996.70 |
| 109. | 0759-0127000J | CONCRETE DRIVEWAYS, REINFORCED | SQFT | 836 | \$25.00 | \$ 20,900.00 | \$17.00 | \$ 14,212.00 | \$26.00 | \$ 21,736.00 | \$18.25 | \$ 15,257.00 |
| 110. | 0759-0128000J | CONCRETE WALKS | SQFT | 20830 | \$14.00 | \$ 291,620.00 | \$14.00 | \$ 291,620.00 | \$12.00 | \$ 249,960.00 | \$14.65 | \$ 305,159.50 |
| 113. | 0759-0154100E | EXTRA FOR NEW CURB RAMPS | EACH | 8 | \$1,000.00 | \$ 8,000.00 | \$1,500.00 | \$ 12,000.00 | \$1,400.00 | \$ 11,200.00 | \$1,594.00 | \$ 12,752.00 |
| 114. | 0759-0510000J | TRUNCATED DOMES ON NEW SURFACES | SQFT | 128 | \$60.00 | \$ 7,680.00 | \$41.00 | \$ 5,248.00 | \$37.00 | \$ 4,736.00 | \$44.00 | \$ 5,632.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES | | | | | \$ - | | \$ - | | | | |
| 117. | 0905-0100000A | REMOVE EXISTING SIGNS | LS | 1 | \$0.00 | \$ - | \$4,000.00 | \$ 4,000.00 | \$2,000.00 | \$ 2,000.00 | \$4,500.00 | \$ 4,500.00 |
| 118. | 0930-0116000A | PIPE SIGN SUPPORTS | LS | 1 | \$4,000.00 | \$ 4,000.00 | \$6,000.00 | \$ 6,000.00 | \$15,000.00 | \$ 15,000.00 | \$6,655.00 | \$ 6,655.00 |
| 119. | 0940-0202000J | SIGNS, STANDARD SHEETING, SHEET ALUMINIUM | SQFT | 100 | \$17.00 | \$ 1,700.00 | \$41.00 | \$ 4,100.00 | \$32.00 | \$ 3,200.00 | \$25.00 | \$ 2,500.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | PAVEMENT MARKERS, MARKINGS & REMOVAL | | | | | \$ - | | \$ - | | | | |
| 120. | 0860-0200000F | LONGITUDINAL PAVEMENT MARKINGS - PAINT | FOOT | 2300 | \$0.90 | \$ 2,070.00 | \$1.50 | \$ 3,450.00 | \$4.00 | \$ 9,200.00 | \$1.50 | \$ 3,450.00 |
| 121. | 0865-0119600F | THERMOPLASTIC, SPRAYED, SURFACE, PROFILED | FOOT | 2000 | \$0.71 | \$ 1,420.00 | \$2.00 | \$ 4,000.00 | \$2.25 | \$ 4,500.00 | \$2.00 | \$ 4,000.00 |
| 122. | 0867-0131000E | PAVEMENT LEGEND, TYPE B-HS: BICYCLE LANE STENCIL | EACH | 5 | \$279.00 | \$ 1,395.00 | \$251.00 | \$ 1,255.00 | \$400.00 | \$ 2,000.00 | \$500.00 | \$ 2,500.00 |
| 123. | 0867-0145100J | PAVEMENT BAR, TYPE B-HS | SQFT | 400 | \$9.50 | \$ 3,800.00 | \$16.00 | \$ 6,400.00 | \$16.00 | \$ 6,400.00 | \$12.00 | \$ 4,800.00 |

| ADD 1 BID SCHEDULE | | | | | | | | | | | | |
|---|---|---|-----------------|--------|--------------------|---------------|-----------------|---------------|------------------|---------------|-----------------|---------------|
| St. Helens: S. 1st/Strand Streets | | | | | | | Kerr | | Moore Excavation | | TFT | |
| |  | KIND OF WORK | | DATE | Engineers Estimate | | | | | | | |
| | | Roadway, Earthwork, Structures, Drainage, Planting, Illumination | | 8/5/22 | | | | | | | | |
| ITEM # | SPEC SECTION | ITEM DESCRIPTION | UNIT | AMOUNT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 124. | 0867-0165100E | PAVEMENT LEGEND, TYPE B-HS: ON-STREET PARKING | EACH | 15 | \$35.00 | \$ 525.00 | \$60.00 | \$ 900.00 | \$150.00 | \$ 2,250.00 | \$500.00 | \$ 7,500.00 |
| 126. | 0869-0200000F | CURB MARKING, PAINT | FOOT | 500 | \$2.25 | \$ 1,125.00 | \$2.00 | \$ 1,000.00 | \$3.00 | \$ 1,500.00 | \$5.00 | \$ 2,500.00 |
| | | | | | | \$ - | | \$ - | | | | |
| | PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEM | | | | | \$ - | | \$ - | | | | |
| 127. | 0970-0100000A | POLE FOUNDATIONS | LS | 1 | \$40,000.00 | \$ 40,000.00 | \$30,000.00 | \$ 30,000.00 | \$32,000.00 | \$ 32,000.00 | \$55,000.00 | \$ 55,000.00 |
| 128. | 0970-0104000A | LUMINAIRES, LAMPS, AND BALLASTS | LS | 1 | \$70,000.00 | \$ 70,000.00 | \$20,000.00 | \$ 20,000.00 | \$21,000.00 | \$ 21,000.00 | \$43,450.00 | \$ 43,450.00 |
| 129. | 0970-0105000A | SWITCHING, CONDUIT, AND WIRING | LS | 1 | \$80,000.00 | \$ 80,000.00 | \$80,000.00 | \$ 80,000.00 | \$80,000.00 | \$ 80,000.00 | \$394,900.00 | \$ 394,900.00 |
| 130. | 0970-0200000A | LIGHTING POLES AND ARMS | LS | 1 | \$120,000.00 | \$ 120,000.00 | \$42,000.00 | \$ 42,000.00 | \$45,000.00 | \$ 45,000.00 | \$60,170.00 | \$ 60,170.00 |
| | | | | | | | | | | | | |
| | RIGHT OF WAY DEVELOPMENT AND CONTROL | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | PLANTING | | | | | | | | | | | |
| 133. | 1030-0118000R | WATER QUALITY SEEDING | SQFT | 2302 | \$0.30 | \$ 690.60 | \$3.00 | \$ 6,906.00 | \$0.70 | \$ 1,611.40 | \$1.00 | \$ 2,302.00 |
| 134. | 1030-0140000R | MULCHING | SQFT | 2302 | \$0.10 | \$ 230.20 | \$2.00 | \$ 4,604.00 | \$0.15 | \$ 345.30 | \$0.90 | \$ 2,071.80 |
| 135. | 1040-0130000E | TREE | EACH | 38 | \$800.00 | \$ 30,400.00 | \$600.00 | \$ 22,800.00 | \$525.00 | \$ 19,950.00 | \$550.00 | \$ 20,900.00 |
| 136. | 1040-0101000K | TOPSOIL | CUYD | 249 | \$50.00 | \$ 12,450.00 | \$61.00 | \$ 15,189.00 | \$65.00 | \$ 16,185.00 | \$50.00 | \$ 12,450.00 |
| 138. | 1040-9Z90000A | BARK MULCH | CUYD | 21 | \$65.00 | \$ 1,365.00 | \$80.00 | \$ 1,680.00 | \$80.00 | \$ 1,680.00 | \$150.00 | \$ 3,150.00 |
| 139. | 1040-9Z90000A | ROOT BARRIER | FOOT | 680 | \$15.00 | \$ 10,200.00 | \$21.00 | \$ 14,280.00 | \$12.00 | \$ 8,160.00 | \$20.00 | \$ 13,600.00 |
| 140. | 1040-9Z90000A | SHRUBS AND GROUNDCOVER | SQFT | 3366 | \$5.00 | \$ 16,830.00 | \$6.00 | \$ 20,196.00 | \$15.00 | \$ 50,490.00 | \$25.00 | \$ 84,150.00 |
| 141. | 1040-9Z90000B | WATER QUALITY PLANTING AREAS | SQFT | 4216 | \$5.00 | \$ 21,080.00 | \$12.00 | \$ 50,592.00 | \$5.50 | \$ 23,188.00 | \$20.00 | \$ 84,320.00 |
| 146. | 1095-0101000E | BICYCLE RACKS | EACH | 4 | \$500.00 | \$ 2,000.00 | \$1,700.00 | \$ 6,800.00 | \$3,000.00 | \$ 12,000.00 | \$3,500.00 | \$ 14,000.00 |
| 152. | 1095-X | SKATE DETERRENT* | EACH | 28 | \$250.00 | \$ 7,000.00 | \$300.00 | \$ 8,400.00 | \$170.00 | \$ 4,760.00 | \$400.00 | \$ 11,200.00 |
| 153. | 1095-X | STONE VENEER SEAT WALL W/ PRECAST TOP | FOOT | 111 | \$300.00 | \$ 33,300.00 | \$500.00 | \$ 55,500.00 | \$900.00 | \$ 99,900.00 | \$200.00 | \$ 22,200.00 |
| 154. | 1095-X | STONE VENEER END COLUMN W/ PRECAST TOP | EACH | 14 | \$1,500.00 | \$ 21,000.00 | \$3,000.00 | \$ 42,000.00 | \$7,500.00 | \$ 105,000.00 | \$900.00 | \$ 12,600.00 |
| 155. | 1095-X | STONE VENEER BASE FOR LIGHT POLE | EACH | 3 | \$1,000.00 | \$ 3,000.00 | \$1,600.00 | \$ 4,800.00 | \$4,500.00 | \$ 13,500.00 | \$1,200.00 | \$ 3,600.00 |
| *Bid tab spreadsheet showed this as being 28, but was rounded up from 27.75. Spreadsheet corrected to keep as rounded up to 28. | | | | | | \$ - | | \$ - | | | | |
| | WATER SUPPLY SYSTEMS | | | | | \$ - | | \$ - | | | | |
| 157. | 1120-0100000A | IRRIGATION SYSTEM | SQFT | 9884 | \$2.00 | \$ 19,768.00 | \$3.00 | \$ 29,652.00 | \$7.50 | \$ 74,130.00 | \$7.00 | \$ 69,188.00 |
| 158. | 1140-0145000F | 8-INCH POTABLE WATER PIPE, FITTINGS & COUPLINGS WITH RESTRAINED JOINTS AND CLASS B BACKFILL | FOOT | 915 | \$180.00 | \$ 164,700.00 | \$168.00 | \$ 153,720.00 | \$180.00 | \$ 164,700.00 | \$250.00 | \$ 228,750.00 |
| 160. | 1140-0195000E | BLOWOFF ASSEMBLY, 2 INCH | EACH | 1 | \$2,400.00 | \$ 2,400.00 | \$4,000.00 | \$ 4,000.00 | \$3,500.00 | \$ 3,500.00 | \$4,500.00 | \$ 4,500.00 |
| 162. | 1140-0300000E | 8 INCH CONNECTION TO 12 INCH EXISTING MAIN | EACH | 1 | \$10,000.00 | \$ 10,000.00 | \$8,200.00 | \$ 8,200.00 | \$4,000.00 | \$ 4,000.00 | \$6,500.00 | \$ 6,500.00 |
| 163. | 1140-0400000F | 6-INCH DUCTILE IRON PIPE WITH CLASS B BACKFILL | FOOT | 71 | \$156.00 | \$ 11,076.00 | \$140.00 | \$ 9,940.00 | \$190.00 | \$ 13,490.00 | \$200.00 | \$ 14,200.00 |
| 164. | 1140-0610000E | DUCTILE IRON PIPE TEES, 8x8x6 INCH | EACH | 4 | \$720.00 | \$ 2,880.00 | \$2,000.00 | \$ 8,000.00 | \$1,000.00 | \$ 4,000.00 | \$645.00 | \$ 2,580.00 |
| 169. | 1150-0100000E | 1-INCH AIR RELEASE VALVE | EACH | 1 | \$2,400.00 | \$ 2,400.00 | \$4,400.00 | \$ 4,400.00 | \$3,200.00 | \$ 3,200.00 | \$5,400.00 | \$ 5,400.00 |
| 170. | 1150-0100000E | 6 AND 8 INCH GATE VALVES | EACH | 4 | \$2,100.00 | \$ 8,400.00 | \$3,500.00 | \$ 14,000.00 | \$1,800.00 | \$ 7,200.00 | \$3,000.00 | \$ 12,000.00 |
| 174. | 1160-0100000E | HYDRANT ASSEMBLIES | EACH | 3 | \$12,000.00 | \$ 36,000.00 | \$8,000.00 | \$ 24,000.00 | \$7,500.00 | \$ 22,500.00 | \$10,500.00 | \$ 31,500.00 |
| 176. | 1170-0103000F | 1 INCH WATER SERVICE CONNECTION PIPING | FOOT | 20 | \$96.00 | \$ 1,920.00 | \$80.00 | \$ 1,600.00 | \$55.00 | \$ 1,100.00 | \$80.00 | \$ 1,600.00 |
| | | | | | | | | | | | | |
| TOTAL ADD 1 BID | | | Total Engineers | | \$ 2,155,109.18 | Total Kerr | \$ 2,283,758.00 | Total Moore | \$ 2,362,925.20 | Total TFT | \$ 2,628,860.00 | |

1st & St Helens Intersection Improvements
Bid Tabs - R-685
City of St. Helens



| | | | | | TFT Construction | | Kerr Contractors | | Moore Excavation | |
|---|------|----------------|-------------|-------------|------------------|--------------|------------------|--------------|------------------|--------------|
| ITEM | UNIT | TOTAL QUANTITY | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST |
| MOBILIZATION AND TRAFFIC CONTROL (00200) | | | | | | | | | | |
| Mobilization (00210) | LS | ALL | \$58,000.00 | \$58,000.00 | \$37,500.00 | \$37,500.00 | \$100,000.00 | \$100,000.00 | \$90,000.00 | \$90,000.00 |
| Temporary Work Zone Traffic Control, Complete (00225) | LS | ALL | \$27,000.00 | \$27,000.00 | \$42,600.00 | \$42,600.00 | \$100,000.00 | \$100,000.00 | \$50,000.00 | \$50,000.00 |
| Stripe Removal (00225) | LS | ALL | \$500.00 | \$500.00 | \$4,500.00 | \$4,500.00 | \$2,500.00 | \$2,500.00 | \$4,000.00 | \$4,000.00 |
| Erosion Control (00280) | LS | ALL | \$6,500.00 | \$6,500.00 | \$12,500.00 | \$12,500.00 | \$40,000.00 | \$40,000.00 | \$4,000.00 | \$4,000.00 |
| Inlet Protection Type 3 (00280) | EA | 4 | \$200.00 | \$800.00 | \$100.00 | \$400.00 | \$68.00 | \$272.00 | \$110.00 | \$440.00 |
| MOBILIZATION AND TRAFFIC CONTROL SUBTOTAL | | | | \$ 92,800 | \$ 97,500 | | \$ 242,772 | | \$ 148,440 | |
| ROADWORK (00300) | | | | | | | | | | |
| Construction Survey Work (00305) | LS | ALL | \$16,000.00 | \$16,000.00 | \$12,500.00 | \$12,500.00 | \$2,000.00 | \$2,000.00 | \$30,000.00 | \$30,000.00 |
| As-Built Survey (00305) | LS | ALL | \$8,500.00 | \$8,500.00 | \$2,500.00 | \$2,500.00 | \$5,000.00 | \$5,000.00 | \$5,000.00 | \$5,000.00 |
| Removal of Structures and Obstructions (00310) | LS | ALL | \$12,000.00 | \$12,000.00 | \$8,500.00 | \$8,500.00 | \$22,000.00 | \$22,000.00 | \$40,000.00 | \$40,000.00 |
| General Excavation (00330) | CY | 427 | \$70.00 | \$29,890.00 | \$40.00 | \$17,080.00 | \$66.00 | \$28,182.00 | \$72.00 | \$30,744.00 |
| Subgrade Geotextile (00350) | SY | 138 | \$1.00 | \$138.00 | \$4.00 | \$552.00 | \$3.00 | \$414.00 | \$1.25 | \$172.50 |
| ROADWORK SUBTOTAL | | | | \$ 66,528 | \$ 41,132 | | \$ 57,596 | | \$ 105,917 | |
| DRAINAGE AND SEWERS (00400) | | | | | | | | | | |
| Mainline Video Inspection (00415) | LF | 85 | \$25.00 | \$2,125.00 | \$25.00 | \$2,125.00 | \$22.00 | \$1,870.00 | \$4.00 | \$340.00 |
| 10 Inch Ductile Iron Pipe, 5 ft Depth (00445) | LF | 85 | \$240.00 | \$20,400.00 | \$200.00 | \$17,000.00 | \$190.00 | \$16,150.00 | \$265.00 | \$22,525.00 |
| Concrete Manholes, Shallow (00470) | EA | 2 | \$5,350.00 | \$10,700.00 | \$5,500.00 | \$11,000.00 | \$6,000.00 | \$12,000.00 | \$7,000.00 | \$14,000.00 |
| Concrete Inlets, Typical 20"x24" Catch Basin (00470) | EA | 2 | \$2,925.00 | \$5,850.00 | \$3,400.00 | \$6,800.00 | \$2,400.00 | \$4,800.00 | \$3,200.00 | \$6,400.00 |
| Extra for Manholes Over Existing Sewers (00490) | EA | 2 | \$2,000.00 | \$4,000.00 | \$1,200.00 | \$2,400.00 | \$3,000.00 | \$6,000.00 | \$5,500.00 | \$11,000.00 |
| DRAINAGE AND SEWERS SUBTOTAL | | | | \$ 43,075 | \$ 39,325 | | \$ 40,820 | | \$ 54,265 | |
| STRUCTURES (00500) | | | | | | | | | | |
| Seat Walls, End Columns, Standalone Columns (00598) | LS | ALL | \$68,000.00 | \$68,000.00 | \$32,500.00 | \$32,500.00 | \$68,000.00 | \$68,000.00 | \$160,000.00 | \$160,000.00 |
| Planter Curbs (00598) | LS | ALL | \$6,600.00 | \$6,600.00 | \$8,850.00 | \$8,850.00 | \$14,000.00 | \$14,000.00 | \$12,000.00 | \$12,000.00 |
| BRIDGES SUBTOTAL | | | | \$ 74,600 | \$ 41,350 | | \$ 82,000 | | \$ 172,000 | |
| BASES (00600) | | | | | | | | | | |
| Cold Plane Pavement Removal, 0-2 inched Deep (00620) | SY | 856 | \$10.00 | \$8,560.00 | \$8.50 | \$7,276.00 | \$15.00 | \$12,840.00 | \$14.00 | \$11,984.00 |
| Aggregate Base (00640) | TON | 381 | \$73.00 | \$27,779.58 | \$65.00 | \$24,735.24 | \$70.00 | \$26,637.96 | \$65.00 | \$24,735.24 |
| BASES SUBTOTAL | | | | \$ 36,340 | \$ 32,011 | | \$ 39,478 | | \$ 36,719 | |
| WEARING SURFACES (00700) | | | | | | | | | | |
| Level 3, 1/2 inch ACP Mixture (00744) | TON | 133 | \$215.00 | \$28,660.03 | \$174.25 | \$23,227.96 | \$206.00 | \$27,460.31 | \$280.00 | \$37,324.69 |
| Plain Concrete Pavement, Undowled, 6 Inches Thick (00756) | SY | 374 | \$134.00 | \$50,116.00 | \$259.00 | \$96,866.00 | \$235.00 | \$87,890.00 | \$250.00 | \$93,500.00 |
| Concrete Curbs, Standard 6" Curb (00759) | LF | 9 | \$45.00 | \$405.00 | \$40.00 | \$360.00 | \$46.00 | \$414.00 | \$110.00 | \$990.00 |
| Concrete Curbs, Standard Curb and Gutter (00759) | LF | 503 | \$56.00 | \$28,168.00 | \$38.00 | \$19,114.00 | \$55.00 | \$27,665.00 | \$50.00 | \$25,150.00 |
| Concrete Walks (00759) | SF | 6,531 | \$12.75 | \$83,270.25 | \$17.05 | \$111,353.55 | \$16.00 | \$104,496.00 | \$14.00 | \$91,434.00 |
| Truncated Domes (00759) | SF | 72 | \$37.00 | \$2,664.00 | \$44.00 | \$3,168.00 | \$40.00 | \$2,880.00 | \$40.00 | \$2,880.00 |
| Concrete Driveways (00759) | SF | 477 | \$17.50 | \$8,347.50 | \$17.80 | \$8,490.60 | \$40.00 | \$19,080.00 | \$20.00 | \$9,540.00 |

1st & St Helens Intersection Improvements
Bid Tabs - R-685
City of St. Helens



| | | | | | TFT Construction | | Kerr Contractors | | Moore Excavation | |
|---|------|----------------|-------------|-------------|------------------|--------------|------------------|-------------|------------------|-------------|
| ITEM | UNIT | TOTAL QUANTITY | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST |
| Unit Pavers (00760) | LF | 80 | \$25.00 | \$2,000.00 | \$100.00 | \$8,000.00 | \$25.00 | \$2,000.00 | \$40.00 | \$3,200.00 |
| WEARING SURFACES SUBTOTAL | | | | | \$ 270,580 | | \$ 271,885 | | \$ 264,019 | |
| PERMANENT TRAFFIC CONTROL AND GUIDANCE DEVICES (00800) | | | | | | | | | | |
| Bi-Directional Blue Type IAR Markers, Recessed (0855) | EA | 1 | \$25.00 | \$25.00 | \$100.00 | \$100.00 | \$80.00 | \$80.00 | \$25.00 | \$25.00 |
| Thermoplastic, Extruded, Surface, Non-Profiled (00865) | LF | 3,315 | \$1.70 | \$5,635.50 | \$2.00 | \$6,630.00 | \$6.00 | \$19,890.00 | \$2.25 | \$7,458.75 |
| Pavement Legend, Type B-HS: Bicycle Lane Stencil (00867) | EA | 8 | \$310.00 | \$2,480.00 | \$500.00 | \$4,000.00 | \$700.00 | \$5,600.00 | \$400.00 | \$3,200.00 |
| Pavement Bar, Type AB (00867) | SF | 330 | \$13.50 | \$4,455.00 | \$12.00 | \$3,960.00 | \$11.00 | \$3,630.00 | \$16.00 | \$5,280.00 |
| PERMANENT TRAFFIC CONTROL AND GUIDANCE DEVICES SUBTOTAL | | | | | \$ 14,690 | | \$ 29,200 | | \$ 15,964 | |
| PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS (00900) | | | | | | | | | | |
| Remove Existing Signs (00905) | LS | ALL | \$500.00 | \$500.00 | \$1,800.00 | \$1,800.00 | \$1,600.00 | \$1,600.00 | \$500.00 | \$500.00 |
| Remove and Relocate Existing Signs (00905) | LS | ALL | \$500.00 | \$500.00 | \$1,800.00 | \$1,800.00 | \$2,500.00 | \$2,500.00 | \$3,500.00 | \$3,500.00 |
| Pipe Sign Supports (00930) | LS | ALL | \$1,000.00 | \$1,000.00 | \$5,575.00 | \$5,575.00 | \$2,500.00 | \$2,500.00 | \$5,000.00 | \$5,000.00 |
| Signs, Standard Sheeting, Sheet Aluminum (00940) | SF | 39 | \$25.00 | \$975.00 | \$50.00 | \$1,950.00 | \$42.00 | \$1,638.00 | \$35.00 | \$1,365.00 |
| Pole Foundations (00970) | LS | ALL | \$8,250.00 | \$8,250.00 | \$17,600.00 | \$17,600.00 | \$16,000.00 | \$16,000.00 | \$16,000.00 | \$16,000.00 |
| Lighting Poles, Fixed Base (00970) | LS | ALL | \$25,000.00 | \$25,000.00 | \$17,600.00 | \$17,600.00 | \$18,000.00 | \$18,000.00 | \$20,000.00 | \$20,000.00 |
| Luminaires, Lamps, and Ballasts (00970) | LS | ALL | \$2,000.00 | \$2,000.00 | \$13,200.00 | \$13,200.00 | \$15,000.00 | \$15,000.00 | \$16,000.00 | \$16,000.00 |
| Switching, Conduit, and Wiring (00970) | LS | ALL | \$8,800.00 | \$8,800.00 | \$134,200.00 | \$134,200.00 | \$65,000.00 | \$65,000.00 | \$70,000.00 | \$70,000.00 |
| PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS SUBTOTAL | | | | | \$ 193,725 | | \$ 122,238 | | \$ 132,365 | |
| RIGHT-OF-WAY DEVELOPMENT (01000) | | | | | | | | | | |
| Soil Testing (01040) | EA | 1 | \$500.00 | \$500.00 | \$1,200.00 | \$1,200.00 | \$500.00 | \$500.00 | \$150.00 | \$150.00 |
| Topsoil (01040) | CY | 17 | \$65.00 | \$1,105.00 | \$50.00 | \$850.00 | \$90.00 | \$1,530.00 | \$80.00 | \$1,360.00 |
| Soil Conditioners (01040) | CY | 3 | \$120.00 | \$360.00 | \$100.00 | \$300.00 | \$150.00 | \$450.00 | \$210.00 | \$630.00 |
| 4" Pot Plant (01040) | EA | 28 | \$14.00 | \$392.00 | \$10.00 | \$280.00 | \$12.00 | \$336.00 | \$16.00 | \$448.00 |
| 1 Gallon Size Plant (01040) | EA | 159 | \$22.00 | \$3,498.00 | \$15.00 | \$2,385.00 | \$15.00 | \$2,385.00 | \$15.00 | \$2,385.00 |
| 2 Gallon Size Plant (01040) | EA | 17 | \$38.00 | \$646.00 | \$20.00 | \$340.00 | \$25.00 | \$425.00 | \$35.00 | \$595.00 |
| Bark Mulch (01040) | CY | 3 | \$100.00 | \$300.00 | \$150.00 | \$450.00 | \$150.00 | \$450.00 | \$75.00 | \$225.00 |
| Hanging Basket (01040) | EA | 4 | \$600.00 | \$2,400.00 | \$200.00 | \$800.00 | \$75.00 | \$300.00 | \$1,500.00 | \$6,000.00 |
| Bench (01095) | EA | 1 | \$2,300.00 | \$2,300.00 | \$3,000.00 | \$3,000.00 | \$2,500.00 | \$2,500.00 | \$3,500.00 | \$3,500.00 |
| Bike Rack (01095) | EA | 4 | \$900.00 | \$3,600.00 | \$3,500.00 | \$14,000.00 | \$1,200.00 | \$4,800.00 | \$1,500.00 | \$6,000.00 |
| Trash Receptacle (01095) | EA | 2 | \$2,400.00 | \$4,800.00 | \$3,000.00 | \$6,000.00 | \$2,000.00 | \$4,000.00 | \$3,500.00 | \$7,000.00 |
| RIGHT-OF-WAY DEVELOPMENT SUBTOTAL | | | | | \$ 29,605 | | \$ 17,676 | | \$ 28,293 | |
| WATER SUPPLY SYSTEMS (01100) | | | | | | | | | | |
| Irrigation System (1120) | LS | ALL | \$15,400.00 | \$15,400.00 | \$8,500.00 | \$8,500.00 | \$35,000.00 | \$35,000.00 | \$35,000.00 | \$35,000.00 |
| Moving Existing Hydrants (01160) | LS | ALL | \$3,500.00 | \$3,500.00 | \$3,000.00 | \$3,000.00 | \$7,000.00 | \$7,000.00 | \$8,000.00 | \$8,000.00 |
| 1 Inch Water Service Connection Piping (01170) | LF | 35 | \$72.00 | \$2,520.00 | \$100.00 | \$3,500.00 | \$115.00 | \$4,025.00 | \$55.00 | \$1,925.00 |
| 1 Inch Water Meter Assembly (01170) | EA | 2 | \$5,000.00 | \$10,000.00 | \$2,000.00 | \$4,000.00 | \$3,500.00 | \$7,000.00 | \$2,000.00 | \$4,000.00 |
| Install Drinking Fountain (agency furnished) | EA | 1 | \$2,500.00 | \$2,500.00 | \$1,500.00 | \$1,500.00 | \$2,800.00 | \$2,800.00 | \$2,000.00 | \$2,000.00 |
| RIGHT-OF-WAY DEVELOPMENT SUBTOTAL | | | | | \$ 20,500 | | \$ 55,825 | | \$ 50,925 | |

1st & St Helens Intersection Improvements
Bid Tabs - R-685
City of St. Helens



| | | | | | TFT Construction | | Kerr Contractors | | Moore Excavation | | |
|------------------------------|------|----------------|------------|------------|------------------|------------|---|------------|------------------|------------|-------------------|
| ITEM | UNIT | TOTAL QUANTITY | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | |
| | | | | | | | | | | | |
| TOTAL CONSTRUCTION COST | | | | | \$ | 630,415 | BID | \$ | 959,490 | BID | \$1,008,906 |
| 5% Contingency | | | | | \$ | 31,530 | TFT CONSTRUCTION | | KERR CONTACTORS | | MOORE EXCAVATING* |
| TOTAL ESTIMATED PROJECT COST | | | | | \$ | 661,945 | * Total Price different than submitted bid due to hand calculations not accounting for rounded quantity values. | | | | |