



INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Committee
FROM: Henry Hash, Public Works Director
BY: Ryan Larson, Senior Program Manager
CC: Mayor Allan Ekberg
DATE: February 23, 2018
SUBJECT: 53rd Avenue South (S 137th St – S 144th St)
Project No. 99110301
Bid Award

ISSUE

Award construction contract to SCI Infrastructure, LLC for the 53rd Avenue South project.

BACKGROUND

The 53rd Avenue South Project will construct roadway, drainage, sidewalks, illumination, water and sewer upgrades, and undergrounding of overhead utilities between South 137th Street and South 144th Street. City Residential Street, Water, Sewer, and Surface Water funds are being used to fund different components of the design and construction. Transportation Improvement Board (TIB) Funding of \$2,141,400 was obtained to fund a portion of the construction and right-of-way with the remaining funding from Seattle City Light, and City bond funds.

Following bid opening, staff requested additional TIB grant funds since the low bid amount was more than the original cost estimate. TIB agreed to provide an additional \$200,000.00 in overall project funding.

ANALYSIS

The 53rd Avenue South project was advertised for bids on January 23 and January 30, 2018. Three bids were received and opened on February 13, 2018. The bids were checked, tabulated and several math errors were corrected on the apparent low bidder, SCI Infrastructure. SCI Infrastructure's bid as submitted is \$5,954,217.10 but the corrected amount is \$5,953,249.60. The engineer's estimate is \$7,712,522.50. SCI Infrastructure has successfully constructed other municipal projects as well as projects for the City. They have also been hired to complete emergency repair work for the City.

BUDGET AND BID SUMMARY

Table with 4 columns: Bid, Budget, Other Sources. Rows include SCI Bid (Overall), Residential Streets, Undergrounding, Water (401), Sewer (402), Surface Water (412), Water Quality Retrofit (412), TIB Additional Approved Funding, S. 144th St. Phase II – Excess Funding, Utility Reimbursement, 10% Contingency (of Overall Bid), and Total.

RECOMMENDATION

Council is being asked to approve the contract with SCI Infrastructure, LLC in the amount of \$5,953,250.00 for the 53rd Avenue South Project and consider this item on the Consent Agenda at the March 5, 2018 Regular Meeting.

Attachments: Recommendation Letter
Bid Tabulation

February 13, 2018

Ryan Larson, PE
Project Manager
City of Tukwila
6300 Southcenter Blvd
Tukwila, WA 98188

RE: 53rd Ave S
Project No. 99110301

Dear Ryan,

On February 13, 2018 sealed bids were received and opened for the 53rd Ave S project. Three (3) bids were submitted, with the results of the bids and Engineer's Estimate as follows:

Bidder's Name	Written Bid	Governed Bid
Frank Coluccio Construction Co.	\$ 9,195,935.00	\$ 9,195,935.00
SCI Infrastructure, LLC	\$ 5,954,217.10	\$ 5,953,249.60
Marshbank Construction, Inc.	\$ 7,350,463.20	\$ 7,350,463.20
<i>Engineer's Estimate</i>	\$ 7,712,522.50	\$ 7,712,522.50

SCI Infrastructure, LLC is the apparent low bidder.

Contractor Qualifications

- Verified Bidder Responsibility Checklist
 - Proposal
 - Bid Security/**Bid Bond**
 - Addendum #1 & 2 acknowledged
 - Non-Collusion Affidavit signed and notarized
 - Proposed Equipment
 - Proposed Subcontractors
 - Past Project Log

- Exhibit 1: Bid Tabulations indicate that SCI Infrastructure has prepared the proposal as the low bid. Bid tabulations show mathematical corrections verified and corrected. Unit prices govern written total amounts per the Contract and prices have been corrected and conformed thereto.

- Exhibit 2: Verification of SCI Infrastructure, LLC contractor's license from the Department of Labor and Industries; verification of Business Registration; verification of Insurance of

Coverage, verification of State Excise Tax Registration, verification that SCI Infrastructure, LLC is not on the State Tax payment delinquent list.

- Exhibit 3: Verification SCI Infrastructure, LLC is not on the State L&I “Debarred Contractors Not Allowed to Bid on Public Works Projects” list; verification that SCI Infrastructure, LLC is not on the State L&I Contractor Strike List. (Listed Subcontractors have been checked on these lists as well, but are not included in this exhibit.)
- Exhibit 4: Reference Check Conversation Log

Based on the outcome of the bids and a check of the Contractor’s qualifications, I recommend that the City of Tukwila award a construction contract to SCI Infrastructure, LLC.

Governed Price Schedule Breakdown:

Schedule A Total Bid: \$3,187,821.00

Schedule B Total Bid: \$1,166,445.50

Schedule C Total Bid: \$1,598,983.10

Total Bid: \$5,953,249.60

Please call me with any questions, (206) 286-1640.

Sincerely,



Kelsey Anderson, PE
Project Engineer

Attachments: Verified Bidder Responsibility Checklist
Exhibits 1-4



Section No.		Item	Total		Engineer's Estimate		Frank Coluccio Construction Company		SCI Infrastructure, LLC.		Marshbank Construction, Inc.	
No.	Quantity		Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
Schedule A												
A1	1	Unexpected Site Changes	EST	\$ 30,000.00	\$ 30,000	\$30,000.00	\$ 30,000	\$30,000.00	\$ 30,000	\$30,000.00	\$ 30,000	\$30,000.00
A2	1	Roadway Surveying	LS	\$ 100,000.00	\$ 100,000	\$45,000.00	\$ 45,000	\$45,000.00	\$ 45,000	\$45,000.00	\$ 45,000	\$45,000.00
A3	1	ADA Features Surveying	LS	\$ 40,000.00	\$ 40,000	\$5,000.00	\$ 5,000	\$10,000.00	\$ 10,000	\$10,000.00	\$ 10,000	\$10,000.00
A4	1	SPCC Plan	LS	\$ 2,500.00	\$ 2,500	\$2,500.00	\$ 2,500	\$1,000.00	\$ 1,000	\$1,000.00	\$ 1,000	\$250.00
A5	1	Resolution of Utility Conflicts	EST	\$ 30,000.00	\$ 30,000	\$30,000.00	\$ 30,000	\$30,000.00	\$ 30,000	\$30,000.00	\$ 30,000	\$30,000.00
A6	1	Utility Potholing	EST	\$ 25,000.00	\$ 25,000	\$25,000.00	\$ 25,000	\$25,000.00	\$ 25,000	\$25,000.00	\$ 25,000	\$25,000.00
A7	1	Type B Progress Schedule	LS	\$ 10,000.00	\$ 10,000	\$5,000.00	\$ 5,000	\$5,000.00	\$ 5,000	\$5,000.00	\$ 5,000	\$6,000.00
A8	1	Field Office Building	LS	\$ 30,000.00	\$ 30,000	\$40,000.00	\$ 40,000	\$28,000.00	\$ 28,000	\$28,000.00	\$ 28,000	\$28,000.00
A9	1	Mobilization	LS	\$ 500,000.00	\$ 500,000	\$159,000.00	\$ 159,000	\$400,000.00	\$ 400,000	\$400,000.00	\$ 400,000	\$320,000.00
A10	1	Project Temporary Traffic Control	LS	\$ 300,000.00	\$ 300,000	\$300,000.00	\$ 300,000	\$300,000.00	\$ 300,000	\$300,000.00	\$ 300,000	\$320,000.00
A11	60	Uniformed Police Officer	HR	\$ 110.00	\$ 6,600	\$85.00	\$ 5,100	\$100.00	\$ 6,000	\$100.00	\$ 6,000	\$4,800
A12	1	Clearing and Grubbing	LS	\$ 30,000.00	\$ 30,000	\$120,000.00	\$ 120,000	\$30,000.00	\$ 30,000	\$30,000.00	\$ 30,000	\$75,000.00
A13	2	Removal of Structure and Obstruction	LS	\$ 50,000.00	\$ 50,000	\$5,000.00	\$ 5,000	\$42,000.00	\$ 42,000	\$42,000.00	\$ 42,000	\$55,000.00
A14	2	Gravel Borrow Incl. Haul	TON	\$ 35.00	\$ 34,650	\$25.00	\$ 24,750	\$21.85	\$ 21,632	\$21.85	\$ 21,632	\$36,630
A15	2	Roadway Excavation Incl. Haul	CY	\$ 35.00	\$ 84,000	\$50.00	\$ 120,000	\$25.00	\$ 60,000	\$25.00	\$ 60,000	\$74,400
A16	390	Unsuitable Foundation Excavation Incl. Haul	CY	\$ 35.00	\$ 13,650	\$50.00	\$ 19,500	\$27.50	\$ 10,725	\$27.50	\$ 10,725	\$12,480
A17	920	Structure Excavation Class A Incl Haul for Walls	CY	\$ 35.00	\$ 32,200	\$100.00	\$ 92,000	\$30.00	\$ 27,600	\$30.00	\$ 27,600	\$32,200
A18	2	Shoring or Extra Excavation Class A for Structural Earth Walls	LS	\$ 40,000.00	\$ 40,000	\$20,000.00	\$ 20,000	\$5,000.00	\$ 5,000	\$5,000.00	\$ 5,000	\$1,600.00
A19	2500	Crushed Surfacing Base Course	TON	\$ 40.00	\$ 100,000	\$25.00	\$ 62,500	\$28.00	\$ 70,000	\$28.00	\$ 70,000	\$62,500
A20	970	Crushed Surfacing Top Course	TON	\$ 45.00	\$ 43,650	\$25.00	\$ 24,250	\$30.00	\$ 29,100	\$30.00	\$ 29,100	\$32,010
A21	2140	HMA CI 1/2" PG 64-22	TON	\$ 120.00	\$ 256,800	\$100.00	\$ 214,000	\$77.00	\$ 164,780	\$77.00	\$ 164,780	\$207,580
A22	5	Commercial HMA	TON	\$ 175.00	\$ 38,500	\$166.00	\$ 36,520	\$180.00	\$ 39,600	\$180.00	\$ 39,600	\$36,960
A23	6	Modular Block Wall	SF	\$ 25.00	\$ 60,750	\$35.00	\$ 85,050	\$23.00	\$ 55,890	\$23.00	\$ 55,890	\$92,340
A24	5540	Structural Earth Wall	SF	\$ 45.00	\$ 249,300	\$35.00	\$ 193,900	\$22.00	\$ 121,880	\$22.00	\$ 121,880	\$166,200
A25	600	Gravel Borrow for Structural Earth Wall Incl. Haul	CY	\$ 60.00	\$ 36,000	\$35.00	\$ 21,000	\$45.00	\$ 27,000	\$45.00	\$ 27,000	\$34,800
A26	1	Erosion Control and Water Pollution Prevention	LS	\$ 75,000.00	\$ 75,000	\$20,000.00	\$ 20,000	\$10,000.00	\$ 10,000	\$10,000.00	\$ 10,000	\$35,000.00
A27	150	Integral Curb	LF	\$ 20.00	\$ 3,000	\$30.00	\$ 4,500	\$85.00	\$ 12,750	\$85.00	\$ 12,750	\$14,400
A28	8	Extruded Curb, Type 5	LF	\$ 20.00	\$ 1,600	\$25.00	\$ 2,000	\$17.00	\$ 1,360	\$17.00	\$ 1,360	\$1,360
A29	4810	Cement Conc. Traffic Curb and Gutter	LF	\$ 20.00	\$ 96,200	\$15.00	\$ 72,150	\$16.75	\$ 80,567.50	\$16.75	\$ 80,567.50	\$91,390
A30	20	Cement Conc. Traffic Curb	LF	\$ 30.00	\$ 600	\$29.00	\$ 580	\$31.00	\$ 620	\$31.00	\$ 620	\$900
A31	400	Cement Conc. Pedestrian Curb	LF	\$ 30.00	\$ 12,000	\$25.00	\$ 10,000	\$27.00	\$ 10,800	\$27.00	\$ 10,800	\$12,000
A32	450	Cement Conc. Driveway Entrance Type 1	SY	\$ 65.00	\$ 29,250	\$55.00	\$ 24,750	\$66.00	\$ 29,700	\$66.00	\$ 29,700	\$23,400
A33	420	Cement Conc. Driveway Entrance Type 2	SY	\$ 65.00	\$ 27,300	\$55.00	\$ 23,100	\$66.00	\$ 27,720	\$66.00	\$ 27,720	\$21,840
A34	510	Cement Conc. Driveway	SY	\$ 60.00	\$ 30,600	\$55.00	\$ 28,050	\$66.00	\$ 33,660	\$66.00	\$ 33,660	\$26,520
A35	1072	Black Vinyl Coated Chain Link Fence	LF	\$ 40.00	\$ 42,880	\$30.00	\$ 32,160	\$30.00	\$ 32,160	\$30.00	\$ 32,160	\$31,088
A36	300	Remove and Replace Wooden Fence	LF	\$ 75.00	\$ 22,500	\$40.00	\$ 12,000	\$40.00	\$ 12,000	\$40.00	\$ 12,000	\$13,200
A37	90	Remove and Reset Chain Link Fence	LF	\$ 40.00	\$ 3,600	\$30.00	\$ 2,700	\$35.00	\$ 3,150	\$35.00	\$ 3,150	\$2,700
A38	3	Remove and Reset Chain Link Gate	EA	\$ 1,000.00	\$ 3,000	\$200.00	\$ 600	\$400.00	\$ 1,200	\$400.00	\$ 1,200	\$255
A39	3	Remove and Install Monument Assembly	EA	\$ 1,500.00	\$ 4,500	\$1,000.00	\$ 3,000	\$2,200.00	\$ 6,600	\$2,200.00	\$ 6,600	\$11,100
A40	27	Remove and Replace Mailbox Support	EA	\$ 750.00	\$ 20,250	\$400.00	\$ 10,800	\$600.00	\$ 16,200	\$600.00	\$ 16,200	\$32,400
A41	30	Stairs Hand Railing	LF	\$ 400.00	\$ 12,000	\$160.00	\$ 4,800	\$150.00	\$ 4,500	\$150.00	\$ 4,500	\$4,800
Sidewalk												

02/13/18		Total		Engineer's Estimate		Frank Coluccio Construction Company		SCI Infrastructure, LLC.		Marshbank Construction, Inc.		
No.	Section No.	Item	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
A42	8-14	Cement Conc. Sidewalk	1890	SY	\$ 45.00	\$ 85,050	\$50.00	\$ 94,500	\$37.50	\$ 70,875	\$44.00	\$ 83,160
A43	8-14	Thickened Edge Sidewalk	1070	LF	\$ 35.00	\$ 37,450	\$60.00	\$ 64,200	\$65.00	\$ 69,550	\$70.00	\$ 74,900
A44	8-14	Cement Conc. Stairs	30	SY	\$ 150.00	\$ 4,500	\$850.00	\$ 25,500	\$795.00	\$ 23,850	\$900.00	\$ 27,000
A45	8-14	Cement Conc. Curb Ramp Type Parallel A	3	EA	\$ 3,500.00	\$ 10,500	\$6,500.00	\$ 19,500	\$1,300.00	\$ 3,900	\$1,600.00	\$ 4,800
A46	8-14	Cement Conc. Curb Ramp Type Parallel B	1	EA	\$ 3,500.00	\$ 3,500	\$6,200.00	\$ 6,200	\$1,950.00	\$ 1,950	\$2,300.00	\$ 2,300
A47	8-14	Cement Conc. Curb Ramp Type Single Direction A	3	EA	\$ 3,500.00	\$ 10,500	\$5,000.00	\$ 15,000	\$2,100.00	\$ 6,300	\$2,500.00	\$ 7,500
A48	8-14	Cement Conc. Curb Ramp Type Single Direction B	5	EA	\$ 3,500.00	\$ 17,500	\$5,000.00	\$ 25,000	\$2,000.00	\$ 10,000	\$2,400.00	\$ 12,000
Storm Drainage												
A49	2-02	Removal/Abandonment of Existing Storm Catch Basin	34	EA	\$ 750.00	\$ 25,500	\$500.00	\$ 17,000	\$400.00	\$ 13,600	\$225.00	\$ 7,650
A50	2-02	Removal/Abandonment of Existing Storm Main	2820	LF	\$ 15.00	\$ 42,300	\$15.00	\$ 42,300	\$9.00	\$ 25,380	\$7.50	\$ 21,150
A51	2-09	Shoring or Extra Excavation Class B for Storm Drainage	13000	SF	\$ 1.50	\$ 19,500	\$2.00	\$ 26,000	\$1.50	\$ 19,500	\$0.50	\$ 6,500
A52	2-09	Trench Backfill Incl. Haul for Storm Trench	1400	CY	\$ 45.00	\$ 63,000	\$35.00	\$ 49,000	\$45.00	\$ 63,000	\$34.00	\$ 47,600
A53	7-01	Wall Underdrain Pipe 6 In. Diam.	1510	LF	\$ 50.00	\$ 75,500	\$30.00	\$ 45,300	\$10.00	\$ 15,100	\$1.15	\$ 1,737
A54	7-01	Drain Pipe 6 In. Diam.	410	LF	\$ 45.00	\$ 18,450	\$70.00	\$ 28,700	\$40.00	\$ 16,400	\$49.00	\$ 20,090
A55	7-04	Ductile Iron Pipe 12 In. Diam	150	LF	\$ 95.00	\$ 14,250	\$120.00	\$ 18,000	\$87.00	\$ 13,050	\$65.00	\$ 9,750
A56	7-04	Storm Sewer Pipe 12 In. Diam.	1060	LF	\$ 80.00	\$ 84,800	\$110.00	\$ 116,600	\$56.00	\$ 59,360	\$41.00	\$ 43,460
A57	7-04	Storm Sewer Pipe 18 In. Diam.	1390	LF	\$ 100.00	\$ 139,000	\$125.00	\$ 173,750	\$69.00	\$ 95,910	\$60.00	\$ 83,400
A58	7-04	Storm Sewer Pipe 24 In. Diam.	100	LF	\$ 125.00	\$ 12,500	\$270.00	\$ 27,000	\$110.00	\$ 11,000	\$82.00	\$ 8,200
A59	7-04	Storm Drainage Television Inspection	1	LS	\$ 10,000.00	\$ 10,000	\$5,000.00	\$ 5,000	\$7,500.00	\$ 7,500	\$10,000.00	\$ 10,000
A60	7-05	Yard Drain	7	EA	\$ 1,000.00	\$ 7,000	\$2,000.00	\$ 14,000	\$700.00	\$ 4,900	\$750.00	\$ 5,250
A61	7-05	Catch Basin Type 1	16	EA	\$ 1,200.00	\$ 19,200	\$3,000.00	\$ 48,000	\$1,200.00	\$ 19,200	\$1,000.00	\$ 16,000
A62	7-05	Catch Basin Type 1L	9	EA	\$ 1,400.00	\$ 12,600	\$3,500.00	\$ 31,500	\$1,375.00	\$ 12,375	\$1,000.00	\$ 9,000
A63	7-05	Catch Basin Type 2 48 In. Diam.	11	EA	\$ 3,500.00	\$ 38,500	\$6,500.00	\$ 71,500	\$2,750.00	\$ 30,250	\$2,700.00	\$ 29,700
A64	7-05	Catch Basin Type 2 54 In. Diam.	3	EA	\$ 5,000.00	\$ 15,000	\$8,000.00	\$ 24,000	\$3,100.00	\$ 9,300	\$2,900.00	\$ 8,700
A65	7-05	Flow Splitter Catch Basin Type 2 72 In. Diam.	1	EA	\$ 10,000.00	\$ 10,000	\$10,000.00	\$ 10,000	\$10,800.00	\$ 10,800	\$8,000.00	\$ 8,000
A66	7-05	Adjust Catch Basin	3	EA	\$ 600.00	\$ 1,800	\$1,000.00	\$ 3,000	\$500.00	\$ 1,500	\$500.00	\$ 1,500
A67	7-05	Replace Frame & Grate with Solid Locking Cover	5	EA	\$ 600.00	\$ 3,000	\$700.00	\$ 3,500	\$700.00	\$ 3,500	\$600.00	\$ 3,000
A68	7-05	Connect Proposed Pipe to Existing Drainage Structure	4	EA	\$ 1,000.00	\$ 4,000	\$3,500.00	\$ 14,000	\$450.00	\$ 1,800	\$1,000.00	\$ 4,000
A69	7-05	Connect Existing Pipe to Proposed Drainage Structure	2	EA	\$ 800.00	\$ 1,600	\$3,500.00	\$ 7,000	\$450.00	\$ 900	\$500.00	\$ 1,000
A70	7-05	Storm Drain Marker	34	EA	\$ 50.00	\$ 1,700	\$200.00	\$ 6,800	\$600.00	\$ 20,400	\$75.00	\$ 2,550
A71	7-10	Modular Wetland Unit, 8' x 20'	2	EA	\$ 125,000.00	\$ 250,000	\$185,000.00	\$ 370,000	\$114,000.00	\$ 228,000	\$125,000.00	\$ 250,000
A72	7-11	Temporary Water Bypass System	1	LS	\$ 25,000.00	\$ 25,000	\$30,000.00	\$ 30,000	\$29,500.00	\$ 29,500	\$7,500.00	\$ 7,500
Illumination												
A73	8-20	Illumination System, Complete	1	LS	\$ 175,000.00	\$ 175,000	\$175,000.00	\$ 175,000	\$245,000.00	\$ 245,000	\$165,000.00	\$ 165,000
Traffic Control Devices												
A74	8-09	Raised Pavement Marker Type 1	4	HUND	\$ 350.00	\$ 1,400	\$445.00	\$ 1,780	\$520.00	\$ 2,080	\$525.00	\$ 2,100
A75	8-09	Raised Pavement Marker Type 2	0.5	HUND	\$ 1,500.00	\$ 750	\$560.00	\$ 280	\$775.00	\$ 387.50	\$800.00	\$ 400
A76	8-21	Permanent Signing	1	LS	\$ 20,000.00	\$ 20,000	\$15,000.00	\$ 15,000	\$8,000.00	\$ 8,000	\$10,000.00	\$ 10,000
A77	8-22	Plastic Stop Line	80	LF	\$ 16.00	\$ 1,280	\$10.00	\$ 800	\$8.50	\$ 680	\$8.50	\$ 680
A78	8-22	Paint Line	170	LF	\$ 6.00	\$ 1,020	\$4.00	\$ 680	\$4.00	\$ 680	\$3.20	\$ 544
A79	8-22	Plastic Crosswalk Line	890	SF	\$ 10.00	\$ 8,900	\$6.00	\$ 5,340	\$5.50	\$ 4,895	\$5.30	\$ 4,717
A80	8-22	Sharrow Bicycle Symbol	19	EA	\$ 400.00	\$ 7,600	\$350.00	\$ 6,650	\$150.00	\$ 2,850	\$135.00	\$ 2,565
Roadside Development												
A81	8-02	Property Restoration	1	EST	\$ 30,000.00	\$ 30,000	\$30,000.00	\$ 30,000	\$30,000.00	\$ 30,000	\$30,000.00	\$ 30,000
A82	8-02	Topsoil Type A	650	CY	\$ 50.00	\$ 32,500	\$42.00	\$ 27,300	\$36.00	\$ 23,400	\$37.00	\$ 24,050
A83	8-02	Bark or Wood Chip Mulch	70	CY	\$ 50.00	\$ 3,500	\$30.00	\$ 2,100	\$47.00	\$ 3,290	\$48.00	\$ 3,360
A84	8-02	Seeded Lawn Installation	2250	SY	\$ 2.50	\$ 5,625	\$2.00	\$ 4,500	\$1.60	\$ 3,600	\$1.60	\$ 3,600

02/13/18		Total		Engineer's Estimate		Frank Coluccio Construction Company		SCI Infrastructure, LLC.		Marshbank Construction, Inc.		
No.	Section No.	Item	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
A85	8-02	PSIPE Nyssa sylvatica 'David Odor' / Afterburner Tupelo; 2.5" Cal., 12'-14' H	11	EA	\$ 500.00	\$ 5,500	\$350.00	\$ 3,850	\$400.00	\$ 4,400	\$400.00	\$ 4,400
A86	8-02	PSIPE Pyrus calleryana 'Glen's Form' / Chanticleer Pear; 2.5" Cal., 12'-14' H	9	EA	\$ 500.00	\$ 4,500	\$350.00	\$ 3,150	\$350.00	\$ 3,150	\$340.00	\$ 3,060
A87	8-02	PSIPE Berberis thunbergii 'Concorde' / Concorde Japanese Barberry; 1 Gal.	160	EA	\$ 18.00	\$ 2,880	\$16.00	\$ 2,560	\$12.50	\$ 2,000	\$13.00	\$ 2,080
A88	8-02	PSIPE Calluna vulgaris 'Spring Torch' / Spring Torch Scotch Heather; 1 Gal.	157	EA	\$ 18.00	\$ 2,826	\$12.00	\$ 1,884	\$12.50	\$ 1,962.50	\$13.00	\$ 2,041
A89	8-02	PSIPE Lavandula angustifolia 'Hidcote Blue' / Hidcote Blue English Lavender;	242	EA	\$ 18.00	\$ 4,356	\$12.00	\$ 2,904	\$11.00	\$ 2,662	\$11.00	\$ 2,662
A90	8-02	PSIPE Spiraea japonica 'Walburna' / Magic Carpet Spirea; 1 Gal. Cont.	210	EA	\$ 18.00	\$ 3,780	\$12.00	\$ 2,520	\$10.50	\$ 2,205	\$11.00	\$ 2,310
A91	8-02	PSIPE Teucrium chamaedrys / Wall Germander; 1 Gal. Cont.	69	EA	\$ 18.00	\$ 1,242	\$12.00	\$ 828	\$12.50	\$ 862.50	\$13.00	\$ 897
A92	8-02	PSIPE Fragaria 'Lipstick' / Lipstick Ornamental Strawberry; 1 Gal. Cont.	405	EA	\$ 12.00	\$ 4,860	\$40.00	\$ 16,200	\$10.50	\$ 4,252.50	\$11.00	\$ 4,455
A93	8-02	PSIPE Helianthemum nummularium 'Fire Dragon' / Fire Dragon Sunrose; 1 Gal.	595	EA	\$ 12.00	\$ 7,140	\$12.00	\$ 7,140	\$12.50	\$ 7,437.50	\$13.00	\$ 7,735
A94	8-02	PSIPE Rubus callycinoides 'Emerald Carpet' / Emerald Carpet Creeping Bram	505	EA	\$ 12.00	\$ 6,060	\$12.00	\$ 6,060	\$10.50	\$ 5,302.50	\$11.00	\$ 5,555
A95	8-02	PSIPE Veronica peduncularis 'Georgia Blue' / Georgia Blue Speedwell; 1 Gal.	800	EA	\$ 12.00	\$ 9,600	\$12.00	\$ 9,600	\$10.50	\$ 8,400	\$11.00	\$ 8,800
A96	8-02	PSIPE Schizachyrium scoparium 'The Blues' / The Blues Little Bluestem; 1 Gal.	40	EA	\$ 15.00	\$ 600	\$12.00	\$ 480	\$12.00	\$ 480	\$12.00	\$ 480
A97	8-03	Automatic Irrigation System, Complete	1	LS	\$ 50,000.00	\$ 50,000	\$35,000.00	\$ 35,000	\$53,000.00	\$ 53,000	\$41,000.00	\$ 41,000
					Schedule A Total		\$ 3,981,999.00		\$ 3,187,821.00		\$ 3,210,990.50	
					Schedule A Written				\$ 3,185,854.50			
Schedule B												
Water												
B1	1-04	Unexpected Site Changes	1	EST	\$ 20,000.00	\$ 20,000	\$20,000.00	\$ 20,000	\$20,000.00	\$ 20,000	\$20,000.00	\$ 20,000
B2	2-02	Removal of Structure and Obstruction	1	LS	\$ 15,000.00	\$ 15,000	\$35,000.00	\$ 35,000	\$7,800.00	\$ 7,800	\$150,000.00	\$ 150,000
B3	2-02	Removal/Abandonment of Existing Water Main	6000	LF	\$ 15.00	\$ 90,000	\$7.00	\$ 42,000	\$5.00	\$ 30,000	\$7.00	\$ 42,000
B4	2-03	Unsuitable Foundation Excavation & Backfill Incl. Haul	370	CY	\$ 35.00	\$ 12,950	\$50.00	\$ 18,500	\$27.50	\$ 10,175	\$35.00	\$ 12,950
B5	2-09	Shoring or Extra Excavation Class B for Water	22800	SF	\$ 1.00	\$ 22,800	\$1.00	\$ 22,800	\$1.00	\$ 22,800	\$0.50	\$ 11,400
B6	2-09	Trench Backfill Incl. Haul	2080	CY	\$ 45.00	\$ 93,600	\$35.00	\$ 72,800	\$37.00	\$ 76,960	\$33.00	\$ 68,640
B7	5-04	HMA CI 1/2" PG 64-22	340	TON	\$ 150.00	\$ 51,000	\$145.00	\$ 49,300	\$140.00	\$ 47,600	\$136.00	\$ 46,240
B8	7-09	Class 52 Ductile Iron Pipe for Water Main, 4 In. Diam.	40	LF	\$ 50.00	\$ 2,000	\$100.00	\$ 4,000	\$100.00	\$ 4,000	\$33.00	\$ 1,320
B9	7-09	Class 52 Ductile Iron Pipe for Water Main, 6 In. Diam.	86	LF	\$ 90.00	\$ 7,740	\$120.00	\$ 10,320	\$100.00	\$ 8,600	\$30.00	\$ 2,580
B10	7-09	Class 52 Ductile Iron Pipe for Water Main, 8 In. Diam.	183	LF	\$ 75.00	\$ 13,725	\$150.00	\$ 27,450	\$75.00	\$ 13,725	\$50.00	\$ 9,150
B11	7-09	Class 52 Ductile Iron Pipe for Water Main, 10 In. Diam.	26	LF	\$ 100.00	\$ 2,600	\$150.00	\$ 3,900	\$170.00	\$ 4,420	\$96.00	\$ 2,496
B12	7-09	Class 52 Ductile Iron Pipe for Water Main, 12 In. Diam.	3423	LF	\$ 90.00	\$ 308,070	\$150.00	\$ 513,450	\$95.00	\$ 325,185	\$77.00	\$ 263,571
B13	7-09	Connection to Existing Water Main	13	EA	\$ 1,500.00	\$ 19,500	\$2,500.00	\$ 32,500	\$1,750.00	\$ 22,750	\$4,000.00	\$ 52,000
B14	7-09	Additional Class 52 Ductile Iron Pipe Fittings for Water Main	3000	LB	\$ 10.00	\$ 30,000	\$2.50	\$ 7,500	\$5.50	\$ 16,500	\$2.00	\$ 6,000
B15	7-09	Concrete for Thrust Blocking	40	CY	\$ 300.00	\$ 12,000	\$130.00	\$ 5,200	\$280.00	\$ 11,200	\$400.00	\$ 16,000
B16	7-09	Electronic Markers	130	EA	\$ 15.00	\$ 1,950	\$40.00	\$ 5,200	\$120.00	\$ 15,600	\$250.00	\$ 32,500
B17	7-12	Gate Valve 4 In.	1	EA	\$ 1,000.00	\$ 1,000	\$1,200.00	\$ 1,200	\$1,475.00	\$ 1,475	\$750.00	\$ 750
B18	7-12	Gate Valve 6 In.	1	EA	\$ 1,500.00	\$ 1,500	\$1,500.00	\$ 1,500	\$1,400.00	\$ 1,400	\$850.00	\$ 850
B19	7-12	Gate Valve 8 In.	4	EA	\$ 2,000.00	\$ 8,000	\$2,000.00	\$ 8,000	\$1,780.00	\$ 7,120	\$1,600.00	\$ 6,400
B20	7-12	Gate Valve 10 In.	1	EA	\$ 2,200.00	\$ 2,200	\$2,500.00	\$ 2,500	\$2,350.00	\$ 2,350	\$1,900.00	\$ 1,900
B21	7-12	Gate Valve 12 In.	29	EA	\$ 2,500.00	\$ 72,500	\$3,000.00	\$ 87,000	\$2,620.00	\$ 75,980	\$2,200.00	\$ 63,800
B22	7-14	Hydrant Assembly	13	EA	\$ 6,500.00	\$ 84,500	\$7,500.00	\$ 97,500	\$5,200.00	\$ 67,600	\$6,400.00	\$ 83,200
B23	7-15	Service Connection 3/4 In. Diam.	49	EA	\$ 1,800.00	\$ 88,200	\$2,000.00	\$ 98,000	\$1,685.00	\$ 82,565	\$1,000.00	\$ 49,000
B24	7-15	Service Connection 1 In. Diam.	2	EA	\$ 2,500.00	\$ 5,000	\$2,500.00	\$ 5,000	\$2,550.00	\$ 5,100	\$1,200.00	\$ 2,400
B25	7-15	Service Connection 1-1/2" In. Diam.	1	EA	\$ 3,000.00	\$ 3,000	\$4,500.00	\$ 4,500	\$5,000.00	\$ 5,000	\$3,300.00	\$ 3,300
B26	7-15	Service Connection 2" In. Diam.	3	EA	\$ 3,200.00	\$ 9,600	\$5,000.00	\$ 15,000	\$2,500.00	\$ 7,500	\$2,900.00	\$ 8,700
B27	7-15	Service Connection 4" In. Diam.	1	EA	\$ 5,000.00	\$ 5,000	\$5,000.00	\$ 5,000	\$3,000.00	\$ 3,000	\$2,400.00	\$ 2,400
B28	7-15	Temporary Water Service	1	LS	\$ 20,000.00	\$ 20,000	\$30,000.00	\$ 30,000	\$30,000.00	\$ 30,000	\$90,000.00	\$ 90,000
Sewer												
B29	2-02	Remove Asbestos Cement Sanitary Sewer Force Main	2000	LF	\$ 25.00	\$ 50,000	\$10.00	\$ 20,000	\$25.00	\$ 50,000	\$7.00	\$ 14,000

02/13/18		Total		Engineer's Estimate		Frank Coluccio Construction Company		SCI Infrastructure, LLC.		Marshbank Construction, Inc.		
No.	Section No.	Item	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
B30	2-09	Shoring or Extra Excavation Class B for Sanitary Sewer	900	SF	\$ 1.50	\$ 1,350	\$3.00	\$ 2,700	\$2.00	\$ 1,800	\$0.50	\$ 450
B31	7-05	Adjust Sewer Manhole	9	EA	\$ 1,250.00	\$ 11,250	\$1,000.00	\$ 9,000	\$500.00	\$ 4,500	\$1,100.00	\$ 9,900
B32	7-05	Replace Sanitary Sewer Frame and Lid	9	EA	\$ 750.00	\$ 6,750	\$1,500.00	\$ 13,500	\$600.00	\$ 5,400	\$500.00	\$ 4,500
B33	7-17	Sanitary Sewer Pipe 8 In. Diam.	60	LF	\$ 170.00	\$ 10,200	\$1,500.00	\$ 90,000	\$250.00	\$ 15,000	\$500.00	\$ 30,000
B34	7-17	Temporary Sewer Bypass System	1	LS	\$ 15,000.00	\$ 15,000	\$20,000.00	\$ 20,000	\$7,000.00	\$ 7,000	\$34,000.00	\$ 34,000
B35	7-17	Sanitary Sewer Television Inspection	1	LS	\$ 10,000.00	\$ 10,000	\$2,000.00	\$ 2,000	\$1,500.00	\$ 1,500	\$8,500.00	\$ 8,500
B36	7-18	Sanitary Side Sewer	320	LF	\$ 90.00	\$ 28,800	\$300.00	\$ 96,000	\$120.00	\$ 38,400	\$250.00	\$ 80,000
B37	7-19	Sanitary Side Sewer Cleanout	16	EA	\$ 1,200.00	\$ 19,200	\$600.00	\$ 9,600	\$650.00	\$ 10,400	\$200.00	\$ 3,200
Schedule B Subtotal						\$ 1,155,985.00		\$ 1,487,920.00		\$ 1,060,405.00		\$ 1,234,097.00
10% Tax						\$ 115,598.50		\$ 148,792.00		\$ 106,040.50		\$ 123,409.70
Schedule B Total						\$ 1,271,583.50		\$ 1,636,712.00		\$ 1,166,445.50		\$ 1,357,506.70
Schedule C												
C1	1-04	Unexpected Site Changes	1	EST	\$ 25,000.00	\$ 25,000	\$25,000.00	\$ 25,000	\$25,000.00	\$ 25,000	\$25,000.00	\$ 25,000
C2	8-19	Adjust Gas Valve	6	EA	\$ 250.00	\$ 1,500	\$1,000.00	\$ 6,000	\$450.00	\$ 2,700	\$300.00	\$ 1,800
C3	8-31	Unsuitable Foundation Excavation Incl. Haul	230	CY	\$ 35.00	\$ 8,050	\$30.00	\$ 6,900	\$27.50	\$ 6,325	\$32.00	\$ 7,360
C4	8-31	Structure Excavation Class B Incl. Haul for Joint Utility Trench	4330	CY	\$ 75.00	\$ 324,750	\$192.00	\$ 831,360	\$38.00	\$ 164,540	\$120.00	\$ 519,600
C5	8-31	Shoring or Extra Excavation, Class B for Joint Utility Trench	20600	SF	\$ 1.50	\$ 30,900	\$5.00	\$ 103,000	\$1.00	\$ 20,600	\$10.00	\$ 206,000
C6	8-31	Joint Utility Trench Pipe Zone Bedding, Incl. Haul - Communications	320	CY	\$ 45.00	\$ 14,400	\$45.00	\$ 14,400	\$37.00	\$ 11,840	\$34.00	\$ 10,880
C7	8-31	Joint Trench Backfill, Incl. Haul - Communications	1000	CY	\$ 45.00	\$ 45,000	\$75.00	\$ 75,000	\$37.00	\$ 37,000	\$37.00	\$ 37,000
C8	8-31	Crushed Surface Base Course - Structures	430	TON	\$ 40.00	\$ 17,200	\$35.00	\$ 15,050	\$35.00	\$ 15,050	\$22.00	\$ 9,460
C9	8-32	Joint Utility Trench Pipe Zone Bedding, Incl. Haul - SCL	410	CY	\$ 45.00	\$ 18,450	\$45.00	\$ 18,450	\$29.00	\$ 11,890	\$37.00	\$ 15,170
C10	8-32	Joint Trench Backfill, Incl. Haul - SCL	2240	CY	\$ 45.00	\$ 100,800	\$75.00	\$ 168,000	\$37.00	\$ 82,880	\$33.00	\$ 73,920
C11	8-32	High Strength FTB - SCL	470	CY	\$ 250.00	\$ 117,500	\$416.00	\$ 195,520	\$100.00	\$ 47,000	\$210.00	\$ 98,700
C12	8-32	GDF - SCL Structures	230	CY	\$ 125.00	\$ 28,750	\$125.00	\$ 28,750	\$100.00	\$ 23,000	\$145.00	\$ 33,350
C13	8-31	Resolution of Utility Conflicts for Joint Utility Trench	1	EST	\$ 25,000.00	\$ 25,000	\$25,000.00	\$ 25,000	\$25,000.00	\$ 25,000	\$25,000.00	\$ 25,000
C14	8-32	Conduit, 3 In. Diam. - SCL LIGHTING	330	LF	\$ 25.00	\$ 8,250	\$18.00	\$ 5,940	\$16.00	\$ 5,280	\$19.00	\$ 6,270
C15	8-32	Conduit, 3 In. Diam. - SCL	2600	LF	\$ 18.00	\$ 46,800	\$18.00	\$ 46,800	\$18.00	\$ 46,800	\$19.00	\$ 49,400
C16	8-32	Conduit, 4 In. Diam. - SCL	12400	LF	\$ 25.00	\$ 310,000	\$20.00	\$ 248,000	\$21.00	\$ 260,400	\$21.00	\$ 260,400
C17	8-32	Street Lighting Conduit Bend, 3 In. Diam. - SCL	24	EA	\$ 600.00	\$ 14,400	\$350.00	\$ 8,400	\$389.00	\$ 9,336	\$750.00	\$ 18,000
C18	8-32	Primary Conduit Bend, 4 In. Diam. - SCL	66	EA	\$ 750.00	\$ 49,500	\$500.00	\$ 33,000	\$390.00	\$ 25,740	\$850.00	\$ 56,100
C19	8-32	Secondary Conduit Bend, 4 In. Diam. - SCL	105	EA	\$ 750.00	\$ 78,750	\$500.00	\$ 52,500	\$500.00	\$ 52,500	\$850.00	\$ 89,250
C20	8-33	Service Conduit Bend, 3 In. Diam. - SCL	164	EA	\$ 600.00	\$ 98,400	\$350.00	\$ 57,400	\$400.00	\$ 65,600	\$750.00	\$ 123,000
C21	8-31	Install Conduit, 2 In. Diam. - CENTURYLINK	2200	LF	\$ 8.00	\$ 17,600	\$10.00	\$ 22,000	\$5.25	\$ 11,550	\$10.00	\$ 22,000
C22	8-31	Install Conduit, 4 In. Diam. - CENTURYLINK	7400	LF	\$ 10.00	\$ 74,000	\$12.00	\$ 88,800	\$7.30	\$ 54,020	\$16.00	\$ 118,400
C23	8-31	Install Conduit, 2 In. Diam. - COMCAST	2000	LF	\$ 8.00	\$ 16,000	\$10.00	\$ 20,000	\$5.25	\$ 10,500	\$10.00	\$ 20,000
C24	8-31	Install Conduit, 4 In. Diam. - COMCAST	6500	LF	\$ 10.00	\$ 65,000	\$12.00	\$ 78,000	\$7.30	\$ 47,450	\$16.00	\$ 104,000
C25	8-32	Conduit Riser - SCL	10	EA	\$ 2,500.00	\$ 25,000	\$5,000.00	\$ 50,000	\$1,360.00	\$ 13,600	\$2,000.00	\$ 20,000
C26	8-31	Conduit Riser - CENTURYLINK	7	EA	\$ 1,500.00	\$ 10,500	\$3,000.00	\$ 21,000	\$850.00	\$ 5,950	\$2,500.00	\$ 17,500
C27	8-31	Conduit Riser - COMCAST	8	EA	\$ 1,500.00	\$ 12,000	\$3,000.00	\$ 24,000	\$850.00	\$ 6,800	\$2,500.00	\$ 20,000
C28	8-31	Core Drill Existing Vault - CENTURYLINK	2	EA	\$ 2,000.00	\$ 4,000	\$2,000.00	\$ 4,000	\$415.00	\$ 830	\$500.00	\$ 1,000
C29	8-31	Core Drill Existing Vault - COMCAST	2	EA	\$ 2,000.00	\$ 4,000	\$2,000.00	\$ 4,000	\$415.00	\$ 830	\$500.00	\$ 1,000
C30	8-32	Utility Structure, SCL Type 3 Handhole	2	EA	\$ 5,000.00	\$ 10,000	\$6,000.00	\$ 12,000	\$2,500.00	\$ 5,000	\$5,300.00	\$ 10,600
C31	8-32	Utility Structure, SCL 233-LA Handhole	13	EA	\$ 5,000.00	\$ 65,000	\$10,000.00	\$ 130,000	\$2,600.00	\$ 33,800	\$6,200.00	\$ 80,600
C32	8-32	Utility Structure, SCL 504-LA Handhole	3	EA	\$ 6,000.00	\$ 18,000	\$25,000.00	\$ 75,000	\$4,850.00	\$ 14,550	\$4,900.00	\$ 14,700
C33	8-32	Utility Structure, SCL 577-LDA Vault	5	EA	\$ 8,000.00	\$ 40,000	\$50,000.00	\$ 250,000	\$8,500.00	\$ 42,500	\$9,000.00	\$ 45,000
C34	8-31	Install Utility Structure, CENTURYLINK 264-TA Vault	1	EA	\$ 2,000.00	\$ 2,000	\$10,500.00	\$ 10,500	\$330.00	\$ 330	\$4,000.00	\$ 4,000
C35	8-31	Install Utility Structure, CENTURYLINK Pedestal	11	EA	\$ 1,500.00	\$ 16,500	\$2,500.00	\$ 27,500	\$200.00	\$ 2,200	\$1,000.00	\$ 11,000

02/13/18		Total		Engineer's Estimate		Frank Coluccio Construction Company		SCI Infrastructure, LLC.		Marshbank Construction, Inc.		
No.	Section No.	Item	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
C36	8-31	Install Utility Structure, CENTURYLINK 467-TA Vault	6	EA	\$ 4,000.00	\$ 24,000	\$14,000.00	\$ 84,000	\$330.00	\$ 1,980	\$1,000.00	\$ 6,000
C37	8-31	Install Utility Structure, CENTURYLINK 3048 Vault	5	EA	\$ 4,000.00	\$ 20,000	\$8,000.00	\$ 40,000	\$430.00	\$ 2,150	\$1,000.00	\$ 5,000
C38	8-31	Install Utility Structure, CENTURYLINK 1730 Hand Hole	1	EA	\$ 2,000.00	\$ 2,000	\$1,500.00	\$ 1,500	\$430.00	\$ 430	\$1,000.00	\$ 1,000
C39	8-31	Install Utility Structure, CENTURYLINK 3x5' Vault	1	EA	\$ 4,000.00	\$ 4,000	\$5,000.00	\$ 5,000	\$430.00	\$ 430	\$1,000.00	\$ 1,000
C40	8-31	Install Utility Structure, COMCAST 2436 Vault	1	EA	\$ 2,000.00	\$ 2,000	\$4,000.00	\$ 4,000	\$200.00	\$ 200	\$1,000.00	\$ 1,000
C41	8-31	Install Utility Structure, COMCAST 1419 Vault	5	EA	\$ 1,500.00	\$ 7,500	\$1,000.00	\$ 5,000	\$60.00	\$ 300	\$1,000.00	\$ 5,000
C42	8-31	Install Utility Structure, COMCAST 3048 Vault	8	EA	\$ 4,000.00	\$ 32,000	\$8,000.00	\$ 64,000	\$330.00	\$ 2,640	\$2,000.00	\$ 16,000
C43	8-31	Install Utility Structure, COMCAST 1730 Vault	6	EA	\$ 2,000.00	\$ 12,000	\$1,200.00	\$ 7,200	\$200.00	\$ 1,200	\$2,000.00	\$ 12,000
C44	8-31	Install Utility Structure, COMCAST Pedestal	2	EA	\$ 1,500.00	\$ 3,000	\$2,500.00	\$ 5,000	\$200.00	\$ 400	\$2,000.00	\$ 4,000
C45	8-31	Install Utility Structure, COMCAST 2436 Intercept Vault	1	EA	\$ 2,000.00	\$ 2,000	\$6,000.00	\$ 6,000	\$200.00	\$ 200	\$2,000.00	\$ 2,000
C46	8-31	Install Utility Structure, COMCAST 1419 Intercept Vault	1	EA	\$ 1,500.00	\$ 1,500	\$2,000.00	\$ 2,000	\$650.00	\$ 650	\$2,000.00	\$ 2,000
C47	8-31	Install Utility Structure, COMCAST 3x5' Intercept Vault	1	EA	\$ 4,000.00	\$ 4,000	\$7,000.00	\$ 7,000	\$430.00	\$ 430	\$2,000.00	\$ 2,000
C48	8-33	Conduit, 3 In. Diam. - SCL Private Service	1400	LF	\$ 16.00	\$ 22,400	\$16.00	\$ 22,400	\$18.00	\$ 25,200	\$19.00	\$ 26,600
C49	8-33	Install Conduit, 2 In. Diam. - CENTURYLINK Private Service	1600	LF	\$ 10.00	\$ 16,000	\$10.00	\$ 16,000	\$7.30	\$ 11,680	\$11.00	\$ 17,600
C50	8-33	Install Conduit, 2 In. Diam. - COMCAST Private Service	1600	LF	\$ 10.00	\$ 16,000	\$10.00	\$ 16,000	\$7.30	\$ 11,680	\$11.00	\$ 17,600
C51	8-33	13951 53rd Ave S, Service Conversion	1	LS	\$ 6,000.00	\$ 6,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$5,300.00	\$ 5,300
C52	8-33	13969 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,800.00	\$ 4,800
C53	8-33	5216 S 142nd St, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,000.00	\$ 4,000
C54	8-33	14205 53rd Ave S, Service Conversion	1	LS	\$ 4,000.00	\$ 4,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,800.00	\$ 4,800
C55	8-33	14207 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C56	8-33	14219 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C57	8-33	14225 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C58	8-33	14231 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C59	8-33	14239 53rd Ave S, Service Conversion	1	LS	\$ 6,000.00	\$ 6,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C60	8-33	14241 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C61	8-33	14247 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C62	8-33	14255 53rd Ave S, Service Conversion	1	LS	\$ 4,000.00	\$ 4,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C63	8-33	14261 53rd Ave S, Service Conversion	1	LS	\$ 6,000.00	\$ 6,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,800.00	\$ 4,800
C64	8-33	5218 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C65	8-33	13726 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,800.00	\$ 4,800
C66	8-33	13738 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,800.00	\$ 4,800
C67	8-33	13744 53rd Ave S, Service Conversion	1	LS	\$ 4,000.00	\$ 4,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$5,300.00	\$ 5,300
C68	8-33	13902 53rd Ave S, Service Conversion	1	LS	\$ 4,000.00	\$ 4,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,800.00	\$ 4,800
C69	8-33	13910 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$6,400.00	\$ 6,400
C70	8-33	13924 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$5,800.00	\$ 5,800
C71	8-33	14004 53rd Ave S, Service Conversion	1	LS	\$ 4,000.00	\$ 4,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,800.00	\$ 4,800
C72	8-33	14010 53rd Ave S, Service Conversion	1	LS	\$ 4,000.00	\$ 4,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,800.00	\$ 4,800
C73	8-33	14028 53rd Ave S, Service Conversion	1	LS	\$ 20,000.00	\$ 20,000	\$9,000.00	\$ 9,000	\$4,500.00	\$ 4,500	\$8,000.00	\$ 8,000
C74	8-33	14030 53rd Ave S, Service Conversion	1	LS	\$ 8,000.00	\$ 8,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,800.00	\$ 4,800
C75	8-33	14038 53rd Ave S, Service Conversion	1	LS	\$ 8,000.00	\$ 8,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$7,200.00	\$ 7,200
C76	8-33	14038.5 53rd Ave S, Service Conversion	1	LS	\$ 15,000.00	\$ 15,000	\$9,000.00	\$ 9,000	\$4,500.00	\$ 4,500	\$8,000.00	\$ 8,000
C77	8-33	13970 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,800.00	\$ 4,800
C78	8-33	14108 53rd Ave S, Service Conversion	1	LS	\$ 8,000.00	\$ 8,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C79	8-33	14128 53rd Ave S, Service Conversion	1	LS	\$ 4,000.00	\$ 4,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C80	8-33	14202 53rd Ave S, Service Conversion	1	LS	\$ 4,000.00	\$ 4,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C81	8-33	14210 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C82	8-33	14218 53rd Ave S, Service Conversion	1	LS	\$ 7,000.00	\$ 7,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200

02/13/18		Total		Engineer's Estimate		Frank Coluccio Construction Company		SCI Infrastructure, LLC.		Marshbank Construction, Inc.		
No.	Section No.	Item	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
C83	8-33	14234 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C84	8-33	14250 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C85	8-33	14258 53rd Ave S, Service Conversion	1	LS	\$ 4,000.00	\$ 4,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C86	8-33	14264 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C87	8-33	14272 53rd Ave S, Service Conversion	1	LS	\$ 5,000.00	\$ 5,000	\$9,000.00	\$ 9,000	\$3,600.00	\$ 3,600	\$4,200.00	\$ 4,200
C88	8-33	Service Conversion, Property Restoration	1	EST	\$ 60,000.00	\$ 60,000	\$60,000.00	\$ 60,000	\$60,000.00	\$ 60,000	\$60,000.00	\$ 60,000
C89	8-34	Franchise Utility Coordination	1	LS	\$ 25,000.00	\$ 25,000	\$10,000.00	\$ 10,000	\$6,660.00	\$ 6,660	\$13,000.00	\$ 13,000
C90	8-35	Temporary Utility Pole Support	4	EA	\$ 6,000.00	\$ 24,000	\$3,000.00	\$ 12,000	\$1,000.00	\$ 4,000	\$1,000.00	\$ 4,000
Schedule C Subtotal						\$ 2,235,400.00		\$ 3,481,370.00		\$ 1,453,621.00		\$ 2,529,060.00
10% Tax						\$ 223,540.00		\$ 348,137.00		\$ 145,362.10		\$ 252,906.00
Schedule C Total						\$ 2,458,940.00		\$ 3,829,507.00		\$ 1,598,983.10		\$ 2,781,966.00
Schedule C Written Subtotal												
10% Tax Written												
Schedule C Written Total												
						\$ 7,712,522.50		\$ 9,195,935.00		\$ 5,953,249.60		\$ 7,350,463.20
									Governed:			
									Written Total:			
									\$ 5,954,217.10			