

Memorandum



Date: August 19, 2019

To: Gary Hartfield, Division Director
Small Business Development

From: Juan Kuryla, Port Director
PortMiami

Subject: Recommendation for Construction Contract Services for North Cruise Boulevard
Extension Phase II B, Contract / Project No. 2017-035.02B

PortMiami respectfully requests that the Division of Small Business Development (SBD) evaluate Project No. 2017-035.02B – North Cruise Boulevard Extension Phase II B, to assign Small Business Enterprise (SBE) and Community Workforce Program measures.

North Cruise Boulevard Extension Phase II B: This project is for the multi lane roadway construction from Port Boulevard to the connection of North Cruise Boulevard east of Cruise Terminal B. The scope of work consists of, but is not limited to: providing all labor, tools, materials, equipment, and incidentals necessary for the complete, functional, and satisfactory construction of the multi lane roadway, installation of new street lighting; new drainage system; relocation of existing utilities; new signing and pavement marking; new overhead guide sign; new CCTV camera pole / camera infrastructure, temporary maintenance of traffic, and any supportive ancillary tasks to the primary scope of services, to successfully complete all phases of the project.

The construction cost estimate for the project is \$6,696,189.52, which includes 10% contingency. The SBE goal recommendations are 18.26% for Construction, 2.20% for Goods, and 10.00% for the Community Workforce Program.

We appreciate your assistance, in order to proceed with the advertisement and subsequent bidding of the project. Should you have any questions, please feel free to contact Mrs. Gyselle Pino, Chief of Contracts, Procurement & Materials Management at (305) 347-4833.

Attachments

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST
 NORTH CRUISE BOULEVARD EXTENSION PHASE IIB
 PROJECT NO. 2017-035.02B

ROADWAY

SUMMARY

ITEM	AMOUNT
ROADWAY	\$ 1,898,015.99
MOT	\$ 404,807.37
DRAINAGE	\$ 888,640.98
SIGNING	\$ 556,796.51
LIGHTING	\$ 498,720.00
UTILITIES	\$ 825,890.00
SUBTOTAL	\$ 5,072,870.85
Mobilization (10%)	\$ 507,287.09
General Requirements (10%)	\$ 507,287.09
Contingency (10% of (SUBTOTAL + General Requirements + Mobilization))	\$ 608,744.50
Dedicated Allowance for Permits	
Contingency (3%)	\$ 182,623.35
TOTAL	\$ 6,878,812.87

TOTAL SBD Goals %	18.26%
TOTAL Goods %	2.20%

ROADWAY

ITEM NO.	ITEM	UNIT	QUANT.		UNIT PRICE AVERAGE	AMOUNT	SBE-CON
			Vol 1	Vol 2			
110-1-1	CLEARING AND GRUBBING	LS	1	1	\$ 62,500.00	\$ 62,500.00	\$ 62,500.00
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	200		\$ 19.11	\$ 3,822.00	\$ 3,822.00
120-1	REGULAR EXCAVATION	CY	162	990	\$ 5.00	\$ 5,760.00	
120-6	EMBANKMENT	CY	2501	298	\$ 11.49	\$ 32,160.51	
121-70	FLOWABLE FILL	CY		100	\$ 120.00	\$ 12,000.00	
160-4	STABILIZATION, TYPE B	SY	12133	4995	\$ 4.08	\$ 69,882.24	
285-709	OPTIONAL BASE GROUP 9 (10" DEPTH)	SY	11695	4659	\$ 12.00	\$ 196,248.00	
327-70-1	PAVEMENT MILLING (AVG. DEPTH 1")	SY	4713	923	\$ 5.00	\$ 28,180.00	
334-1-12	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B)	TN	643	256	\$ 175.00	\$ 157,393.25	
337-7-80	ASPHALTIC CONCRETE FRICTION COURSE FC-9.5 (1" DEPTH)	TN	902	307	\$ 166.37	\$ 201,207.88	
520-1-10	CONC. CURB AND GUTTER TYPE F	LF	1692	1459	\$ 21.00	\$ 66,171.00	\$ 66,171.00
520-2-4	CONC. CURB TYPE D	LF		205	\$ 18.00	\$ 3,690.00	\$ 3,690.00
520-5-41	CONC. TRAFFIC SEPARATOR (TYPE IV, 4' WIDTH)	LF	996		\$ 31.39	\$ 31,264.44	\$ 31,264.44
521-1-11	MEDIAN CONC. BARRIER, 38" HEIGHT	LF	132		\$ 254.87	\$ 33,642.84	
521-1-12	MEDIAN CONC. BARRIER, SHORT GRADE SEP	LF	517		\$ 209.67	\$ 108,399.39	
521-1-13	MEDIAN CONC. BARRIER, TALL GRADE SEP	LF	1628		\$ 365.71	\$ 595,375.88	
521-1-14	MEDIAN CONC. BARRIER, VAR SECT WIDTH	LF	127		\$ 300.00	\$ 38,100.00	
	MEDIAN CONC. BARRIER, SPECIAL (see 400-4-11 and 415-1-6)	LF	361			\$ -	
400-4-11	CONC CLASS IV, RETAINING WALLS	CY	267		\$ 520.00	\$ 138,840.00	
415-1-6	REINF STEEL - MISCELLANEOUS	LB	32490		\$ 1.75	\$ 56,857.50	
521-72-60	SHOULDER BARRIER	LF	116		\$ 194.00	\$ 22,504.00	
521-9-1	OPAQUE VISUAL BARRIER	LF	52		\$ 147.26	\$ 7,657.52	
570-1-10	PERFORMANCE TURF, SOD	SY		179	\$ 147.26	\$ 26,359.54	
TOTAL						\$ 1,898,015.99	\$ 167,447.44
Total SBE-CON %							2.50%

ROADWAY

ITEM NO.	ITEM	UNIT	QUANT.	UNIT PRICE	AMOUNT
0102 1	MAINTENANCE OF TRAFFIC	DA	380	\$ 450.00	\$ 171,000.00
0102 60	WORK ZONE SIGN	ED	16110	\$ 0.19	\$ 3,060.90
0102 71 16	BARRIER WALL, TEMPORARY, F&I, TYPE K	LF	3804	\$ 23.13	\$ 87,986.52
0102 71 26	BARRIER WALL, TEMPORARY, RELOCATE, TYPE K	LF	5511	\$ 12.00	\$ 66,131.60
0102 74 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	38145	\$ 0.06	\$ 2,288.70
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	2310	\$ 0.24	\$ 554.40
0102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	15	\$ 720.70	\$ 10,810.50
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	2010	\$ 8.03	\$ 16,140.30
160-4	TEMPORARY - TYPE B STABILIZATION	SY	1274.43	\$ 0.38	\$ 484.28
285-709	TEMPORARY - OPTIONAL BASE (BASE GROUP 09)	SY	1274.43	\$ 11.35	\$ 14,464.78
0334 1 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	154.000	\$ 175.00	\$ 26,950.00
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	4.761	\$ 621.93	\$ 2,960.95
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	176.50	\$ 1.04	\$ 183.56
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.167	\$ 357.56	\$ 59.65
0710 11141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.612	\$ 355.45	\$ 217.65
0710 11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	2.337	\$ 615.65	\$ 1,438.73
0710 11241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.203	\$ 367.95	\$ 74.85
				TOTAL	\$ 404,807.37

ROADWAY

ITEM NO.	ITEM	UNIT	QUANT.		UNIT PRICE	AMOUNT
			Vol 1	Vol 2		
0425 1 351	CURB INLET, TYPE 5, <10'	EA	5	2	\$ 7,231.00	\$ 50,617.00
0425 1 355	CURB INLET, TYPE 5, PARTIAL	EA	2		\$ 3,363.00	\$ 6,726.00
0425 1 361	CURB INLET, TYPE 6, <10'	EA	2	1	\$ 7,946.00	\$ 23,838.00
0425 1 365	CURB INLET, TYPE 6, PARTIAL	EA	1		\$ 3,382.00	\$ 3,382.00
0425 1 541	DITCH BOTTOM INLET (TYPE D), <10'	EA		6	\$ 3,775.00	\$ 22,650.00
0425 2 42	MANHOLES, P-7, <10'	EA	12	2	\$ 5,444.00	\$ 76,216.00
0425 2 43	MANHOLES, P-7, PARTIAL	EA	18		\$ 2,282.00	\$ 41,076.00
0425 1 891	INLETS, BARRIER WALL, <= 10'	EA	26		\$ 4,800.00	\$ 124,800.00
0425 5	Adjust Manhole (Top Adjustment)	EA		4	\$ 1,000.00	\$ 4,000.00
0425 11	Modify Existing Structure (Core Drill)	EA		4	\$ 887.00	\$ 3,548.00
0430 174 118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/CD	LF	1142	114	\$ 81.00	\$ 101,736.00
0430 174 124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/CD	LF		389	\$ 93.00	\$ 36,177.00
0443 70 4	FRENCH DRAIN, 24"	LF	752	455	\$ 131.80	\$ 159,082.60
0444 70 11	DEEP WELL - OPEN HOLE, 24"	LF	420		\$ 181.30	\$ 76,146.00
0444 71 11	DEEP WELL CASING, 24"	LF	420		\$ 235.00	\$ 98,700.00
0444 73 12	STEEL WELL GRATE	LF	24		\$ 484.62	\$ 11,630.88
0444 74 1	DEEP WELL INJECTION BOX, STRUCTURE WITH NO FLOW	EA	6		\$ 6,805.00	\$ 40,830.00
0444 74 2	DEEP WELL INJECTION BOX, STRUCTURE WITH FLOW	EA	1		\$ 7,485.50	\$ 7,485.50
					TOTAL	\$ 888,640.98

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST
 SW 344th STREET PARK AND RIDE
 CONTRACT No CIP014-CTI-TR11

ROADWAY

ITEM NO.	ITEM	UNIT	QUANT.		UNIT PRICE AVERAGE	AMOUNT	SBE-CON
			Vol 1	Vol 2			
700-1-11	SINGLE POST SIGN (LESS THAN 12)	AS	7	2	\$ 386.41	\$ 3,477.69	\$ 3,477.69
700-1-13	SINGLE POST SIGN (21-30)	AS	1		\$ 1,503.21	\$ 1,503.21	\$ 1,503.21
700-1-14	SINGLE POST SIGN (31+)	AS	1		\$ 1,795.00	\$ 1,795.00	\$ 1,795.00
700-1-21	SINGLE POST SIGN (BARRIER MOUNT, LESS THAN 12)	AS	4		\$ 2,223.94	\$ 8,895.76	\$ 8,895.76
700-1-50	SINGLE POST SIGN - RELOCATE	AS	2		\$ 313.61	\$ 627.22	\$ 627.22
700-1-60	SINGLE POST SIGN - REMOVE	AS	4		\$ 23.38	\$ 93.52	\$ 93.52
700-3206	SIGN PANEL - F&I OH MOUNT, 101-200 SF	AS	6		\$ 5,368.38	\$ 32,210.28	\$ 32,210.28
700-3208	SIGN PANEL - F&I OH MOUNT, 301-400 SF	AS	1		\$ 10,512.24	\$ 10,512.24	\$ 10,512.24
700-3506	SIGN PANEL, RELOCATE, 101-200 SF	AS	3		\$ 895.06	\$ 2,685.18	\$ 2,685.18
700-3606	SIGN PANEL - REMOVE, 101-200 SF	AS	3		\$ 433.81	\$ 1,301.43	\$ 1,301.43
700-4114	OH STATIC SIGN STRUCTURE, CANTILEVER, 41-50 FT	AS	1	1	\$ 79,601.43	\$ 159,202.86	\$ 159,202.86
700-4125	OH STATIC SIGN STRUCTURE, SPAN, 51-100 FT	AS	2		\$ 159,400.00	\$ 318,800.00	\$ 318,800.00
706-1-1	MARKER PAVEMENT RETRO REFLECTIVE	EA	194		\$ 3.59	\$ 696.46	\$ 696.46
710-90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS	1			\$ -	
	PAINT, (SOLID WHITE 18")	LF	106		\$ 0.84	\$ 89.12	\$ 89.12
	PAINT (MESSAGE)	EA	3	5	\$ 34.97	\$ 279.76	\$ 279.76
	PAINT (ARROWS)	EA	3	4	\$ 22.52	\$ 157.64	\$ 157.64
	PAINT (SOLID YELLOW 18")	LF	320		\$ 0.80	\$ 255.92	\$ 255.92
	PAINT (SOLID WHITE 6")	GM	0.87	0.38	\$ 621.93	\$ 776.79	\$ 776.79
	PAINT (SOLID WHITE 8")	GM	0.09	0.08	\$ 808.75	\$ 134.25	\$ 134.25
	PAINT (10/30 SKIP WHITE 6")	GM	1.06	0.35	\$ 357.56	\$ 504.52	\$ 504.52
	PAINT (SOLID YELLOW 6")	GM	0.73	0.24	\$ 615.65	\$ 599.03	\$ 599.03
711-11-124	THERMOPLASTIC (SOLID WHITE 18")	LF	106		\$ 0.84	\$ 89.12	\$ 89.12
711-11-160	THERMOPLASTIC (MESSAGE)	EA	3	5	\$ 34.97	\$ 279.76	\$ 279.76
711-11-170	THERMOPLASTIC (ARROWS)	EA	3	4	\$ 22.52	\$ 157.64	\$ 157.64
711-11-224	THERMOPLASTIC (SOLID YELLOW 18")	LF	320		\$ 0.80	\$ 255.92	\$ 255.92
711-15-101	THERMOPLASTIC (SOLID WHITE 6")	GM	0.87	0.38	\$ 3,850.60	\$ 4,809.40	\$ 4,809.40
711-15-102	THERMOPLASTIC (SOLID WHITE 8")	GM	0.09	0.08	\$ 4,923.06	\$ 817.23	\$ 817.23
711-15-131	THERMOPLASTIC (10/30 SKIP WHITE 6")	GM	1.06	0.35	\$ 1,448.27	\$ 2,043.51	\$ 2,043.51
711-15-201	THERMOPLASTIC (SOLID YELLOW 6")	GM	0.73	0.24	\$ 3,850.00	\$ 3,746.05	\$ 3,746.05
TOTAL						\$ 556,796.51	\$ 556,796.51
SBD Goal %							8.32%

ROADWAY

ITEM NO.	ITEM	UNIT	QUANT.		UNIT PRICE AVERAGE	AMOUNT	SBE-CON
			Vol 1	Vol 2			
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	0		\$ 13.48	\$ -	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	0		\$ 19.49	\$ -	
635-2-11	PULL BOX, F&I, 13" x 24" COVER SIZE	EA	33		\$ 891.00	\$ 29,403.00	\$ 29,403.00
635-3-13	JUNCTION BOX, FURNISH AND INSTALL, BARRIER WALL EMB	EA	22		\$ 629.10	\$ 13,840.20	\$ 13,840.20
715-1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8 - 6	LF	0		\$ 2.02	\$ -	
715-4-XY	LIGHTING POLE COMPLETE, FURNISH & INSTALL, 25' MOUNTING HEIGHT (1 ARM)	EA	18		\$ 6,336.00	\$ 114,048.00	\$ 114,048.00
715-4-XY	LIGHTING POLE COMPLETE, FURNISH & INSTALL, 25' MOUNTING HEIGHT (2 ARMS)	EA	12		\$ 6,925.00	\$ 83,100.00	\$ 83,100.00
715-4-60	LIGHT POLE COMPLETE, RELOCATE	EA	13		\$ 2,500.00	\$ 32,500.00	\$ 32,500.00
715- 5-XY	LUMINAIRE, FURNISH & INSTALL ON EXISTING RELOCATED F POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND	EA	13		\$ 500.00	\$ 6,500.00	\$ 6,500.00
715-500-1	INSTALL Lighting Systems	EA	43		\$ 1,821.60	\$ 78,328.80	\$ 78,328.80
		LS		1	\$ 141,000.00	\$ 141,000.00	\$ 141,000.00
TOTAL						\$ 498,720.00	\$ 498,720.00
SBD Goal %							7.45%

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST
SW 344th STREET PARK AND RIDE
CONTRACT No CIP014-CTI-TR11

ROADWAY

ITEM NO.	ITEM	UNIT	QUANT.		UNIT PRICE AVERAGE	AMOUNT	SBE- GOODS
			Vol 1	Vol 2			
1050-51-206	UTILITY PIPE DUCTILE IRON, FURNISH AND INSTALL, 6"	LF	20		\$ 100.00	\$ 2,000.00	\$ 560.00
1050-51-208	UTILITY PIPE DUCTILE IRON, FURNISH AND INSTALL, 8"	LF	445		\$ 150.00	\$ 66,750.00	\$ 18,690.00
1050-51-210	UTILITY PIPE DUCTILE IRON, FURNISH AND INSTALL, 10"	LF	300		\$ 200.00	\$ 60,000.00	\$ 16,800.00
1080- 23-112	UTILITY FIXTURE, TAPPING SAD/SL, FURNISH AND INSTALL, 12"X6"	EA	1		\$ 5,500.00	\$ 5,500.00	\$ 1,540.00
1080- 23-110	UTILITY FIXTURE, TAPPING SAD/SL, FURNISH AND INSTALL, 10"X10"	EA	4		\$ 5,000.00	\$ 20,000.00	\$ 5,600.00
1080- 23-110	UTILITY FIXTURE, TAPPING SAD/SL, FURNISH AND INSTALL, 10"X8"	EA	3		\$ 4,800.00	\$ 14,400.00	\$ 4,032.00
1080- 23-108	UTILITY FIXTURE, TAPPING SAD/SL, FURNISH AND INSTALL, 8"X8"	EA	1		\$ 4,600.00	\$ 4,600.00	\$ 1,288.00
1080- 23-108	UTILITY FIXTURE, TAPPING SAD/SL, FURNISH AND INSTALL, 8"X6"	EA	1		\$ 4,500.00	\$ 4,500.00	\$ 1,260.00
1055-51-208	UTILITY FITTINGS, TEE, FURNISH AND INSTALL, 8"X6"	EA	1		\$ 850.00	\$ 850.00	\$ 238.00
1080- 24-110	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 10"	EA	4		\$ 2,600.00	\$ 10,400.00	\$ 2,912.00
1080- 24-108	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 8"	EA	4		\$ 2,000.00	\$ 8,000.00	\$ 2,240.00
1080- 24-106	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 6"	EA	2		\$ 1,500.00	\$ 3,000.00	\$ 840.00
1644800	FIRE HYDRANT, RELOCATE, FURNISH AND INSTALL	EA	3		\$ 2,500.00	\$ 7,500.00	\$ 2,100.00
1644900	FIRE HYDRANT, REMOVE	EA	3		\$ 500.00	\$ 1,500.00	
1055- 51-510	UTILITY FITTINGS, CAP/PL, FURNISH AND INSTALL, 10"	EA	3		\$ 800.00	\$ 2,400.00	\$ 672.00
1055- 51-518	UTILITY FITTINGS, CAP/PL, FURNISH AND INSTALL, 8"	EA	3		\$ 650.00	\$ 1,950.00	\$ 546.00
1055- 51-516	UTILITY FITTINGS, CAP/PL, FURNISH AND INSTALL, 6"	EA	4		\$ 650.00	\$ 2,600.00	\$ 728.00
1055-51-110	UTILITY FITTINGS, 10"-45 ELBOW, FURNISH AND INSTALL (REST)	EA	7		\$ 1,300.00	\$ 9,100.00	\$ 2,548.00
1055-51-110	UTILITY FITTINGS, 10"-90 ELBOW, FURNISH AND INSTALL (REST)	EA	2		\$ 1,300.00	\$ 2,600.00	\$ 728.00
1055-51-108	UTILITY FITTINGS, 8"-45 ELBOW, FURNISH AND INSTALL (REST)	EA	7		\$ 800.00	\$ 5,600.00	\$ 1,568.00
1055-51-108	UTILITY FITTINGS, 8"-90 ELBOW, FURNISH AND INSTALL (REST)	EA	2		\$ 800.00	\$ 1,600.00	\$ 448.00
1050-18-004	UTILITY PIPE, REMOVE & DISPOSE, 8"	LF	74		\$ 20.00	\$ 1,480.00	
1050-18-003	UTILITY PIPE, PLUG & OUT OF SERV, 6"	LF	130		\$ 5.00	\$ 650.00	
1050-18-004	UTILITY PIPE, PLUG & OUT OF SERV, 8"	LF	400		\$ 10.00	\$ 4,000.00	
1050-18-004	UTILITY PIPE, PLUG & OUT OF SERV, 10"	EA	280		\$ 10.00	\$ 2,800.00	
1050-18-002	UTILITY PIPE, PLUG & OUT OF SERV, 4"	EA	530		\$ 5.00	\$ 2,650.00	
1660-11-211	ADJUST MANHOLE COVER (ADJUSTMENT PER MIAMI DADE WATER SEWER DEPARTMENT STANDARD DETAIL, NO DEVIATIONS ALLOWED) (INCLUDES SITE PREPARATION, REQUIRED FITTINGS AND APPURTENANCES TO ASSURE COMPLETE INSTALLATION ENSURE ABILITY OF THE SYSTEM TO FUNCTION IN ACCORDANCE WITH REGULATORY REQUIREMENTS)	EA	3	2	\$ 3,600.00	\$ 18,000.00	
	FURNISH AND INSTALL SOD AND 3-INCHES TOPSOIL (INCLUDES ALL EXCAVATION, SITE PREPARATION, LAYOUT AND DAILY WATERING TO ASSURE THAT NEW SOD IS FUNCTIONAL). (CONTRACTOR SHALL VERIFY TYPE OF EXISTING SOD AND MATCH ACCORDINGLY)	SY	65		\$ 24.00	\$ 1,560.00	
0520-1-10	FURNISH AND INSTALL TYPE F CURB AND GUTTER	LF	40		\$ 30.00	\$ 1,200.00	\$ 336.00
0334-1-12	FURNISH AND PLACE STRUCTURAL COURSE SUPERPAVE, LEVEL B (1") FRICTION COURSE FC-9.5 (1"). REPLACEMENT (INCLUDES COST OF ALL BITUMINOUS MATERIALS (TACK COAT & PRIME COAT (PER FDOT STDS)), SITE PREPARATION, AND ALL OTHER TASKS REQUIRED TO ENSURE COMPLETE INSTALLATION PER REGULATORY STANDARDS)	TON	15		\$ 240.00	\$ 3,600.00	
285706	FURNISH AND INSTALL 10" LIMEROCK (LBR 100) GROUP 9. (INCLUDES COST OF ALL MATERIALS, SITE PREPARATION, AND ALL OTHER TASKS REQUIRED TO ENSURE COMPLETE INSTALLATION PER REGULATORY STANDARDS)	SY	370		\$ 60.00	\$ 22,200.00	
	FURNISH AND INSTALL 12" STABILIZED SUB-BASE (LBR 40) TYPE B (INCLUDES COST OF ALL MATERIALS, SITE PREPARATION, AND ALL OTHER TASKS REQUIRED TO ENSURE COMPLETE INSTALLATION PER REGULATORY STANDARDS)	SY	370		\$ 50.00	\$ 18,500.00	
	REMOVE, FURNISH AND PLACE TRAFFIC RATED MANHOLE (INCLUDES SITE PREPARATION, REQUIRED FITTINGS AND APPURTENANCES TO ASSURE COMPLETE INSTALLATION ENSURE ABILITY OF THE SYSTEM TO FUNCTION IN ACCORDANCE WITH REGULATORY REQUIREMENTS)	EA	1		\$ 3,500.00	\$ 3,500.00	\$ 980.00
1820-1-AB	UTILITY CABLE, TELEPHONE/COMMUNICATIONS, FURNISH AND INSTALL	LF	50		\$ 50.00	\$ 2,500.00	\$ 700.00
	ADJUST HANDHOLE COVER (ADJUSTMENT PER FDOT, NO DEVIATIONS ALLOWED) (INCLUDES SITE PREPARATION, COMPLETE INSTALLATION ENSURE ABILITY OF THE SYSTEM TO FUNCTION IN ACCORDANCE WITH REGULATORY REQUIREMENTS)	EA	2		\$ 3,500.00	\$ 7,000.00	
0425-6	VALVE BOXES, ADJUST	EA	1	1	\$ 700.00	\$ 1,400.00	
	UTILITY ADJUSTMENT ALLOWANCE FOR ATT, FPL, POMTOC	LS	1		\$ 500,000.00	\$ 500,000.00	\$ 80,000.00
Subtotal						\$ 825,890.00	

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST
SW 344th STREET PARK AND RIDE
CONTRACT No CIP014-CTI-TR11

TOTAL	\$ 825,890.00	\$ 147,354.00
Total SBE Goods %		2.20%