

Memorandum



Date: July 18, 2019

To: Gary Hartfield, Division Director
Small Business Development

From: Juan Kuryla, Port Director
PortMiami *FJD [Signature]*

Subject: Recommendation for 7360 Miscellaneous Construction Contract Services for North Cruise Boulevard Extension - Phase 2A - FPL Vaults Relocation / Project No. 2017-035.02A

PortMiami respectfully requests that the Division of Small Business Development (SBD) evaluate Project No. 2017-035.02A - North Cruise Boulevard Extension - Phase 2A - FPL Vaults Relocation, to assign Small Business Enterprise (SBE) and Community Workforce Program measures, in order to proceed with the advertisement and subsequent bidding of the solicitation.

North Cruise Boulevard Extension - Phase 2A - FPL Vaults Relocation: The Work of this Contract comprises the general construction related to the relocation of two (2) Florida Power & Light (FPL) vaults, located at Miami-Dade County Seaport Department. The work is comprised of, but not limited to, installation of new FPL transformer pad and equipment, including necessary pavement demolition and disposal; electrical connections from the new transformer location to existing facilities; demolition of existing buildings, slabs, foundations and utilities at each FPL vault; pavement restoration of areas after demolition of vaults; cutting and capping of existing utilities servicing vaults; and any ancillary work necessary to complete the project.

The construction cost estimate for the project is \$393,310.70, which includes 10% contingency.

The SBE goal recommendations are 12.99% for SBE-Construction; 0.00% for SBE-Goods; 0.00% for SBE-Services; and 10.00% for the Community Workforce Program (CWP).

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

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: 2017-035.02A

*Reference corresponding project number when submitting a work order

Contract/Project Title: N. Cruise Blvd. Extension Phase 2A - FPL Vaults Relocation

Description/Scope of Work: See attached

Estimated Cost: \$393,310.70 **Funding Source:** Future Financing

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.
1015 N. America Way, Miami, FL 33132

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Engineer/Department or Agency's estimated required workforce for Project Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job

Comments: _____

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure
Basis for Recommendation: _____

Date submitted to DBD: _____

Contact Person: Gyselle Pino

Telephone No.: (305) 347-4833

**PORTMIAMI
FPL VAULTS RELOCATION**

PROJECT No. 2017-035.02A

Items		Costs			SBE	
VAULT	WORK TYPE	Item	Unit Price	Unit	Extended Total	Construction Goals
G-1 General Requirements						
		SUBTOTAL 1 x 10%	\$29,796.26	LS	\$29,796.26	
G-2 Mobilization						
		SUBTOTAL 1 x 10%	\$29,796.26	LS	\$29,796.26	
D-1 Demolition and Restoration of East Vault						
	Demolition					
		Dumpster	\$658.79	WK	\$2,635.16	
		Saw cut existing road - Asphalt Apron	\$1.47	LF	\$242.41	
		Backhoe-loader	\$4,531.08	WK	\$9,062.15	
		Skid-steer	\$4,257.07	WK	\$8,514.13	
		Hauling	\$8.86	CY	\$17.72	
		Building Removal	\$21,000.00	LS	\$21,000.00	
		Asbestos Handling and Process	\$5,000.00	LS	\$5,000.00	
	Demolition Backfill					
		Select Backfill	\$31.05	BCY	\$3,885.49	
		Fill Hauling, 20 CY truck	\$8.79	LCY	\$1,650.20	
		Compacting bedding in Trench	\$6.97	CY	\$872.52	
	Pipe Plug Installation					
		Trench box	\$326.48	WK	\$652.96	
		Cut&Cap (Mechanical Joint Plug)	\$543.36	EA	\$543.36	
		Total East Vault			\$54,076.11	
D-2 Demolition and Restoration of West Vault						
	Site					
		Remove Tree	\$220.00	EA	\$220.00	
		Remove Fence and Gates	\$6.87	LF	\$1,600.87	
		Remove Bollards	\$233.20	EA	\$1,166.00	
	Demolition					
		Dumpster	\$658.79	WK	\$1,317.58	
		Saw cut existing road - Asphalt Apron	\$1.47	LF	\$121.94	
		Backhoe-loader	\$4,531.08	WK	\$4,531.08	
		Skid-steer	\$4,257.07	WK	\$4,257.07	
		Hauling	\$8.86	CY	\$8.86	
		Building Removal	\$15,000.00	LS	\$15,000.00	
		Asbestos Handling and Process	\$3,500.00	LS	\$3,500.00	
	Demolition Backfill					
		Select Backfill	\$31.05	BCY	\$972.92	
		Fill Hauling, 20 CY truck	\$8.79	LCY	\$413.21	
		Compacting bedding in Trench	\$6.97	CY	\$218.48	
	Pipe Plug Installation					
		Trench box	\$326.48	WK	\$326.48	
		Total West Vault			\$33,654.48	
E-1 Relocation of Electrical Equipment						
	Demolition					
		West Vault	\$2,126.30	LS	\$2,126.30	\$2,126.30
		East Vault	\$3,259.30	LS	\$3,259.30	\$3,259.30
		Conductor Removal	\$1.10	LF	\$3,685.00	\$3,685.00
	Service Point					
		Pull Box	\$880.00	EA	\$10,560.00	\$10,560.00
		Meter Cans	\$616.00	EA	\$3,080.00	\$3,080.00
		Disconnect Switch	\$3,300.00	EA	\$13,200.00	\$13,200.00
		Lighting Control Panel	\$13,200.00	EA	\$13,200.00	\$13,200.00
		Electrical Gutter	\$1,980.00	EA	\$1,980.00	\$1,980.00
		Conduit	\$20.90	LF	\$40,859.50	
		Conductor 8-6	\$1.29	LF	\$2,915.06	
		Conductor 4-2	\$1.80	LF	\$2,646.47	
		Conductor 1/0 - 3/0	\$3.65	LF	\$20,432.94	
		Conductor 600 KMC	\$12.10	LF	\$10,890.00	
		Electrical Ductbank	\$231.00	LF	\$71,610.00	
		9" Concrete Pad	\$450.00	CY	\$8,437.50	
		12" Concrete Pad	\$450.00	CY	\$1,350.00	
		Total Electrical			\$210,232.06	
SUBTOTALS						
		SUBTOTAL 1 (D1+D2+E1)			\$297,962.65	
		SUBTOTAL 2 (G1+G2+D1+D2+E1)			\$357,555.18	
		Permits (SUBTOTAL 2 x 3%)		3%	\$10,726.66	
		Contingency (SUBTOTAL 2 x 10%)		10%	\$35,755.52	
TOTAL OPINION OF PROBABLE CONSTRUCTION COST (SUBTOTAL 2 + Permits + Contingency)					\$404,037.35	\$51,090.60
					Goal Recommendations	12.99%

\$393,310.70
Base + Contingency