SBD - CM Review Form

Project Review & Analysis - Construction To:

From: SBD Engineer - Eric Perez

Contact: Issac Smith **Department:** Miami Dade Water & Sewer Department

Resubmittal: Date: 7/2/2019

PROJECT NUMBER: P0226

CD 1.11 - EMERGENCY GENERATORS 1 THROUGH 4 REHAB. SOUTH DISTRICT WASTE WATER PROJECT TITLE:

TREATMENT PLANT

South District Waste Water Treatment Plant located at 23300 SW 88 Ave., Section 21, Township

56, Range 40; Miami Dade County Florida. PROJECT LOCATION:

SCOPE OF WORK/DESCRIPTION: The scope of work includes, but is not limited to, furnishing all materials, labor, and equipment necessary to rehabilitate four (4) existing generator enclosures and connect existing Generators 1, 2, 3 and 4 to remove radiator systems; modification work; demolition work; removal of radiators and modify enclosure frame, roof, floor, walls, floor beans; removal of stack metal covers; removal of mufflers from Generator 3 and 4; removal of existing day tank and replacement with proposed double walled fuel oil day tank; furnish and install new louvers and exhaust fans; installing Department furnished radiator assembly; mechanical work; electrical work, including electrical systems, motor control centers, cables, raceways, conduits, disconnect switches and grounding systems; all piping (including fuel, oil and water), valves and fittings; painting; roofing; site restoration; testing; cleanup and all appurtenant and miscellaneous items and work for a complete, satisfactory, and functional installation.

LICENSES: The types of licenses required are: State General Building Contractor (Prime), General Engineering Contractor (Prime), General Mechanical(sub), Demolition(Sub), Electrical (Sub).and/or other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

SPECIAL REQUIREMENTS: Bidders shall submit proof that his/her firm has at least the minimum successful contract experience as requested below:

- A. With his bid, the successful Bidder shall submit proof that his/her firm has at least the minimum successful contract experience as required below for this Contract being bid. Such proof shall consist of a list of projects, completed prior to the bid date, with the names and telephone numbers of the owners or representatives the Department can call and confirm the listed experience.
- B. In addition to submittal requirements stated elsewhere, to qualify for work on this Contract the Bidder or Bidder's Electrical Subcontractor shall be experienced with Generator installations, including medium voltage electrical power systems, and standby diesel generators. The Bidder Subcontractor shall also be experienced in construction of metal structures and steel framing welding. The welding Contractor shall be certified by the AWS with a minimum of five years of experience.
- C. The Bidder or Bidder's Electrical Subcontractor shall have successfully completed a minimum of three (3) projects demonstrating experience with low and medium voltage power supply and standby diesel generators within the last ten (10) years meeting the following requirements:
- 1. Low Voltage: Minimum generator size 150 kW
- 2. Medium Voltage: Minimum generator size 1,000 kW

Date: 7/3/19 Initial: 1 of 3

TRADES/SUBTRADES	AMOUNT	COMMENTS
	Ge	eneral Building Contractor/ General Engineering
Site Mobilization and Demobilization	\$30,000.00	
Site Restoration		residencial and residue, after a strategic contraction of the strategic co
	\$20,000.00	*Possible opportunities for Small Businesses
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	THE PERSON NAMED IN COLUMN NAM	*Possible opportunities for Small Businesses
Excavation, Backfill and Compaction-Radiator Base	\$105,000.00	CHINALINE AND ADDRESS OF THE PROPERTY OF THE P
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Construction of Radiator Base Pad	\$35,000.00	
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	420,000,00	transaction of the control of the co
New Radiator Installation	\$20,000.00	AGRAMATICA STATE OF THE STATE O
Now Book Continue	¢84.000.00	*Possible opportunities for Small Businesses
New Roof Sections	\$84,000.00	este word to a constitutivat for the field
		*Possible opportunities for Small Businesses
New Wall, Floor and Exhaust End Sections	\$202,000.00	1 Cooline opposition of the control
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New Exhaust Fan Hood & Guard	\$44,000.00	encomment is not all all of a function of the
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Intake, Stack & Muffler	\$138,000.00	
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	ATOMORRAL METALONICAL METALONI	*Possible opportunities for Small Businesses
Roof Replacement	\$58,000.00	
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	¢112.000.00	
Structural Work	\$112,000.00	netermon, a et a p. a maneur han Arthur
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Door Replacement (including overhead doors)	\$72,000.00	
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	TOTAL CONTRACTOR AND	*Possible opportunities for Small Businesses
Painting - Generator Enclosure	\$60,000.00	
	<u> </u>	eneral Mechanical/Plumbing/HVAC Contractor
	m / April (Grandin)	*Possible opportunities for Small Businesses
Demolition & Disposal	\$145,000.00	·····································
	AND PERSONAL PROPERTY OF THE PERSONAL PROPERTY	
Black steel piping & fittings	\$221,400.00	
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Supply Fans The standard and the standard and the standard and the standard and the standard tension of the standard and the standard tension of the standard and the standard	\$60,000.00	The Manager State
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Fuel Day Tank	\$74,000.00	
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	CHITTAGA (C.C.)	
Expansion Tank, Louvers & Miscellaneous Items	\$175,000.00	To compare the compare to the compar

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Date: 7/13/19

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Danielista (Diaman)	ÇL 000 00		Possible opportunities for small businesses
Demolition & Disposal	\$5,000.00		
	Approximation with		Vertical and the second
Neutral Ground Resistors	\$22,000.00		volument of the state of the st
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Feeder, 400A	\$25,380.00	na kana mangan ing malalah kana kana kana kana kana kana kana ka	
	A PARTITION OF THE PART		
	A CONTRACTOR OF THE CONTRACTOR		*Possible opportunities for Small Businesses
Supply Wiring for 480V Motors ***Comparison Comparison	\$28,000.00	and 古马马克斯·克里德·克里德·克里克	
	er cycle vancount (.m.		the second of
Electrical Equipment	\$142,368.00		
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	THE PROPERTY TO THE PROPERTY T		Possible opportunities for Small businesses
Grounding of Radiator and Resistor	\$5,552.00		
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	Spikedamina	Concessor Control of C	
Control & Signal Wiring	\$1,700.00	Action and action	
BASE TO	OTAL \$1,960,000.00	90.91%	
Contingency Allowance (10% of Base Estimate)	\$196,000.00	9.09%	
TOTAL AMO	UNT \$2,156,000.00	100.00%	

Small Business Development Signature:

Date:

7/3/19

*Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM

WASD is recommending

17.21%

Initial: FP

Date: 7 | 3 | 19