

Memorandum



Date: March 19, 2015

To: Gary Hartfield, Director
Small Business Development

From: Lester Sola, Director
Miami-Dade Water and Sewer Department

A handwritten signature in black ink, appearing to read "Lester Sola", written over the "From:" field.

Subject: Review Item: Design-Build Services for Replacement of Water Mains and Service Conversions in the South Miami Heights Area (PHASE B)
Project No. DB14-WASD-07

It is recommended that the Small Business Development division of the Internal Services Department review the attached request for Small Business Enterprise (SBE) measures for Architectural and Engineering (A/E), Construction and Goods and Services (G/S), in order to proceed with the advertisement and subsequent consultant selection for the above subject Project.

The duration of the proposed Design-Build contract is 920 calendar days; and the maximum compensation for the Design-Build contract is **\$26,706,064**, which includes the following:

- \$21,177,678 estimated construction cost
- \$ 1,735,770 estimated engineering cost
- \$ 1,058,884 contingency fees for construction (5%)
- \$ 173,577 contingency fees for engineering (10%)
- \$ 1,924,825 dedicated Allowance
- \$ 635,330 permitting fees (3%)

The scope of services shall include, but is not limited to, surveying, geotechnical investigations, engineering, design, technical specifications, permitting, construction, testing and commissioning services, customer contact, negotiation and agreement execution for the installation of new 8-inch, 12-inch, and 16-inch water mains, new water services, and fire hydrants and restoration within private property for the installation of all required piping, fittings and accessories for the water service conversion.

The project consists of the replacement of the existing undersized and deteriorated water mains and existing main loop closures in order to improve system pressure and provide fire flow protection, and for water service conversions (transfer of services from the rear to the front of properties and replacement of certain existing old services in front of properties to meet new standards) in the South Miami Heights area Phase B of unincorporated Miami-Dade County, Florida. The project location for Phase B is the area bounded by S.W. 184 Street to the North,

S.W. 191 Terrace to the South, S.W. 127 Avenue to the West, and S.W. 113 Avenue to the East. The Project includes the following main elements:

1. Approximately 68,607 linear feet of 8-inch ductile iron water main pipe and fittings, 9,679 linear feet of 12-inch ductile iron water main pipe and fittings, 3,103 linear feet of 16-inch ductile iron water main pipe and fittings, and 6,200 linear feet of 6-inch ductile iron water main pipe and fittings to include, but not be limited to the following: all required resilient seated gate valves, all required fire hydrant assemblies with guard posts, approximately 700 dual water services and approximately 32 single water services with approximately 1,432 water service conversions from rear of property to front of property to include all required piping, fittings and accessories, and testing and restoration within private property including providing safety and protection of homeowner's property, tapping connections of various sizes to existing mains including tapping sleeves and valves, in-line water main connections to existing mains of various sizes, air release valve and flushing valve outlet assemblies, polyethylene encasement for ductile iron pipe and fittings, if ordered by the engineer, sheeting and shoring ordered left in place by the engineer, additional suitable backfill, if needed, furnish all materials, equipment and supplies necessary for cleaning, testing and disinfecting the mains, removal of existing asphalt pavement and sod, milling and resurfacing of existing asphalt pavement, removal, transport, salvage and legal disposal of demolition material, placing existing water mains out of service upon completion of work, traffic control, installation and restoration of pedestrian curb ramps and installation of detectable warning surfaces, temporary and permanent replacement of any utilities, pavement, sidewalk, curb and gutter, valley gutter, traffic circle roundabout, tree, landscaping, sod, pavement markings, and/or driveway damaged by construction and all other appurtenant and miscellaneous items and work for a complete and fully functional installation.

The Design-Builder shall design and construct all ancillary piping, tapping, temporary bypass, and tie-in connections to facilitate successful construction and commissioning of the new 8-inch, 12-inch, and 16-inch water mains without any interruption of service to the existing Miami-Dade Water and Sewer customers. The design and construction services rendered by the Design-Builder shall result in a complete, functional, and operable piping project with a standard design life.

Firms providing engineering services must be certified in the following technical categories and the respective percentages of the disciplines as indicated below:

Technical Category No.	Description	Total Percentage	CBE Percentage
6.01 Prime	WATER AND SANITARY SEWER SYSTEMS - WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION	40%	
16.00 Prime	GENERAL CIVIL ENGINEERING	15%	
3.04 Other	HIGHWAY SYSTEMS - TRAFFIC ENGINEERING STUDIES	2%	2%
9.02 Other	SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES	2%	2%
10.05 Other	ENVIRONMENTAL ENGINEERING - CONTAMINATION ASSESSMENT AND MONITORING	1%	1%
12.00 Other	GENERAL MECHANICAL ENGINEERING	5%	
15.01 Other	SURVEYING AND MAPPING - LAND SURVEYING	15%	15%
15.03 Other	SURVEYING AND MAPPING - UNDERGROUND UTILITY LOCATION	5%	
17.00 Other	ENGINEERING CONSTRUCTION MANAGEMENT	15%	
	TOTAL	100%	20%

WASD is recommending a 20% SBE A/E, SBE Construction 16% and 0.25% SBE G/S (Maintenance of Traffic) participation goal. Attached are WASD's Departmental Input Worksheets and the Minimum Experience and Qualifications for your review and approval

If you have any questions, please contact Patty David, Chief, Intergovernmental Affairs Section at pattyd@miamidade.gov or (786) 552-8040.

Attachments

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

DATE:

TO: Gary Hartfield, Director
Small Business Development

FROM: Lester Sola, Director
Water and Sewer Department



TITLE: Design-Build Services for Replacement of Water Mains and Service
Conversions in the South Miami Heights Area (Phase B)
Project No. DB14-WASD-07

Construction Cost	\$21,177,678
Construction Contingency 5%	\$ 1,058,884
Dedicated Allowance	\$ 1,924,825
Permitting Fees 3%	\$ 635,330
TOTAL:	\$ 24,796,717

ITEM	DESIGN BUILD SUBTRADE	ESTIMATED COST CONSTRUCTION	% CONSTRUCTION COST	% SBE AVAILABILITY
1	Water Main Construction	\$ 6,687,971	31.90%	
2	Water Services & Service Conversions	\$ 6,321,475	30.00%	8%
3	Sidewalk ADA Ramps Curbs & Gutter & Pavement Replacement	\$ 7,245,589	33.82%	8%
4	Trench Protection	\$ 822,643	3.80%	
5	Mobilization/Maintenance of Traffic/Demobilization	\$ 100,000	.48 %	
	Total Construction Cost	\$21,177,678	100%	16%
	Contingency Allowance 5%	\$ 1,058,884		
	Dedicated Allowance	\$ 1,924,825		
	Permitting 3%	\$ 635,330		
	Total Estimated Construction Cost including Dedicated Allowance, Contingency and Permitting Fees	\$24,796,717		

**DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION**

Contract/Project Title: Design-Build Services for Replacement of Water Mains and Service Conversions in the South Miami Heights Area (PHASE B) Project No. DB14-WASD-07

Contract/Project No. DB14-WASD-07

Description: Design-Build Services for Replacement of Water Mains and Service Conversions in the South Miami Heights Area (PHASE B) Project No. DB14-WASD-07

Department: Miami-Dade Water and Sewer Department

Contact: Patty David

Phone: (786) 552-8040

Estimated Cost: \$26,706,064

Funding Source: Future WASD Revenue Bonds

ANALYSIS

Commodity/Service No. _____ SIC: _____

Trade/Commodity/Service Opportunities

Contract/Project History of Previous Purchases for Previous Three (3) Years
Check Here if this is a New Contract/Purchase with no Previous History

	<u>Existing</u>	<u>2nd Year</u>	<u>1st Year</u>
Contractor _____	_____	_____	_____
Ethnicity/Race _____	_____	_____	_____
Gender _____	_____	_____	_____
Contract Value _____	_____	_____	_____

COMMENTS: _____

CBE GOAL BID PREFERENCE NO MEASURE
20 %

Analysis for Goal Recommendation

<u>Sub-Trade</u>	<u>Est. Cost</u>	<u>% of Item to Base Bid</u>	<u>Availability</u>
_____	\$ _____	_____	_____
_____	\$ _____	_____	_____
_____	\$ _____	_____	_____
Total:	\$ _____	_____	_____

Basis for Recommendation: WASD proposes that the goal can be achieved with SBE firms assisting with 3.04 – 2%; 9.02 – 2%; 10.05 – 1%; and 15.01 – 15%

Lester Sola 3/19/15
By: Lester Sola, Director Date
Water and Sewer Department

Internal Services Department Date

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.: **DB14-WASD-07**
 *Reference corresponding project number when submitting a work order

Contract/Project Title: **Design-Build Services for the Replacement of Water Mains and Service Conversions in the South Miami Heights Area Phase "B"**

Description/Scope of Work: **The scope of work shall include, but is not limited to surveying, engineering design, permitting, installation and testing and commissioning services for the installation of new watermains, new water services, and new firehydrants.**

Estimated Cost: **26706064** Funding Source: **Other (specify)**

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.
S.W 184 ST to the North; S.W. 191 TERR. to the south; S.W. 127 Ave. to the West; S.W. 113th Ave. to the East

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
Pavement Markings Restoration Laborer	3	120
Concrete Sidewalk/ADA Ramp Restoration Laborer	3	330
Plumbing Laborer	3	330

Comments: **Funding Sources - Water Renewal and Replacement Fund, Future WASD Revenue Bonds, WASD 2013 Revenue Bonds and WASD Revenue Bonds Sold**

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
Pvmt Markings	\$40,000	0.15%	
Conc. Sdwl/Ramps	\$1,267,109	4.74 %	
Plumbing	\$5,472,000	21.44%	

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation: **Trade availability & project scope**

Date submitted to DBD: _____
 Contact Person: **Patty David**
 Telephone : **786-552-8040**

Telephone No.: _____

ROUGH PRELIMINARY ESTIMATE PROPOSAL

DESIGN-BUILD CRITERIA
South Miami Heights Cadastral Support Services
Phase B
(AREA BOUNDED BY SW 184th St & SW 191st Ter and SW 127th Ave & SW 113th Ave)
PROJECT No. EDP WS-S-197

MUNICIPALITY: Miami Dade

Portions of Sec.01, Twp. 56 S., Rge. 39 & Sec.06, Twp. 56 S., Rge. 39

Item	Description	Qty	Units	\$/Units	Total
1.	For performing preparatory work and operations in mobilizing for beginning the work of the Project, including preparation and acceptance of M.O.T., but excluding materials and permit costs, both of which are paid under other payment items, and demobilization .		Aggregate Sum		\$100,000.00
Pipe Line Installation					
2	For selling and delivering to the Department 16-inch ductile iron pipe, fittings and restrainers for water main.	3,103	Lin. Ft	\$120.00	\$372,330.00
3	For installing 16-inch ductile iron pipe, fittings and restrainers for water main.	3,103	Lin. Ft	\$60.00	\$186,165.00
4	For selling and delivering to the Department 16-inch M.J. Butterfly Valve for water main complete with valve box, valve cover and riser pipe.	3	Each	\$3,500.00	\$10,500.00
5	For installing 16-inch Butterfly Valves for water main complete with valve box, valve cover and riser pipe.	3	Each	\$2,200.00	\$6,600.00
6	For selling and deliver to the Department 12-inch ductile iron pipe, fittings and restrainers for water main.	9,679	Lin. Ft.	\$65.00	\$629,128.50
7	For installing 12-inch ductile iron pipe, fittings and restrainers for water main.	9,679	Lin. Ft.	\$30.00	\$290,367.00
8	For selling and delivering to the Department 12-inch M.J. resilient seated in-line gate valve, complete with valve box, valve cover and riser pipe.	21	Each	\$3,500.00	\$73,500.00
9	For installing 12-inch M.J. resilient seated in-line gate valve, complete with valve box, valve cover and riser pipe.	21	Each	\$2,500.00	\$52,500.00
10	For selling and delivering to the Department 16-inch x 12-inch ductile iron tapping sleeve and 12-inch resilient seated in-line tapping valve for water main complete with valve box, valve cover and riser pipe.	2	Each	\$5,500.00	\$11,000.00
11	For installing 16-inch x12-inch ductile iron tapping sleeve and 12-inch resilient seated in-line tapping valve complete with valve box, valve cover and riser pipe for the connection to an existing 16-inch water main at SW 119 Ave and SW 184 St.	2	Each	\$3,250.00	\$6,500.00
12	For selling and delivering to the Department 8-inch ductile iron pipe, fittings, and restrainers for water main.	68,607	Lin. Ft	\$24.00	\$1,646,568.00
13	For installing 8-inch ductile iron pipe, fittings and restrainers for water main.	68,607	Lin. Ft.	\$22.00	\$1,509,354.00
14	For selling and delivering to the Department 8-inch M.J. resilient seated in-line gate valve, complete with valve box, valve cover, and riser pipe.	148	Each	\$700.00	\$103,600.00

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PROJECT No. EDP WS-S-197

MUNICIPALITY: Miami Dade

Portions of: Sec.01, Twp. 56 S., Rge. 39 & Sec.06, Twp. 56 S., Rge. 39

Item	Description	Qty	Units	\$/Units	Total
15	For installing 8-inch M.J. resilient seated in-line gate valve, complete with valve box, valve cover, and riser pipe.	148	Each	\$350.00	\$51,800.00
16	For selling and delivering to the Department 16-inch x 8-inch ductile iron tapping sleeve and 8-inch resilient seated in-line tapping valve for water main complete with valve box, valve cover and riser pipe.	9	Each	\$4,800.00	\$43,200.00
17	For installing 16-inch x 8-inch ductile iron tapping sleeve and 8-inch resilient seated in-line tapping valve complete with valve box, valve cover and riser pipe for the connection to an existing 16-inch water main along SW 122 Ave and SW 115 Ave.	9	Each	\$2,780.00	\$25,020.00
18	For constructing Air Release Valve Assemblies (A.R.V.'s), complete.	193	Each	\$1,450.00	\$279,850.00
19	For selling and delivering to the Department 6-inch ductile iron pipe, fittings and restrainers from water main to Fire Hydrant Assembly.	6,200	Lin. Ft	\$15.00	\$93,000.00
20	For installing 6-inch ductile iron pipe, fittings and restrainers from water main to Fire Hydrant Assembly.	6,200	Lin. Ft.	\$55.00	\$341,000.00
21	For selling and delivering to the Department 6-inch M.J. resilient seated gate valve, complete with valve box, valve cover, and riser pipe for Fire Hydrants.	124	Each	\$485.00	\$60,140.00
22	For installing 6-inch M.J. resilient seated gate valve, complete with valve box, valve cover, and riser pipe Fire Hydrant Assembly.	124	Each	\$280.00	\$34,720.00
23	Selling and delivering to the Department Fire Hydrant Assembly, complete per Standard detail WS 4.50	118	Each	\$950.00	\$112,100.00
24	Installing Fire Hydrant Assembly, complete per Standard detail WS 4.50	118	Each	\$1,100.00	\$129,800.00
25	The total Pipeline Installation Items (2) through (24)		SUBTOTAL 1 =		\$6,068,742.50
Water Services & Conversions					
26	Furnishing and installing new 1-inch single short, water services and meter boxes complete as shown in Standard details WS 2.10	18	Each	\$600.00	\$10,800.00
27	Furnishing and installing new 1-inch single long water services and meter boxes complete as shown in Standard details WS 2.10	14	Each	\$800.00	\$11,200.00
28	Furnishing and installing new 1-inch double short water services and meter boxes, complete as shown in Standard details WS 2.12	337	Each	\$650.00	\$219,050.00

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MUNICIPALITY: Miami Dade

Portions of Sec.01, Twp. 56 S., Rge. 39 & Sec.06, Twp. 56 S., Rge. 39

Item	Description	Qty	Units	\$/Units	Total
29	Furnishing and installing new 1-inch double long water services and meter boxes, complete as shown in Standard details WS 2.12	363	Each	\$875.00	\$317,625.00
30	For cutting and plugging the existing alley water mains, of various diameters, up to 4-inches, as required, to isolate said mains from the old distribution system. (calculated as 2 each, per every 1200 ft of prop. 8-inch water main installed).	116	Each	\$300.00	\$34,800.00
31	Water service conversion from rear water services to front water services within the project's area. For relocation of water service for a house at a specific address to include all labor, materials and supplies for the water service relocation and site restoration work, as required, complete.	1432	Each	\$4,000.00	\$5,728,000.00
32	The total Water Services & Conversions Items (26) through (31)		SUBTOTAL 2 =		\$6,321,475.00
Sidewalk and Pavement Repairs & Installations					
33	FB51:B56 For constructing limerock base for Type "M" permanent paving repairs.	27,474	Square Yards	\$13.00	\$357,165.90
34	For installation of ADA ramps.	354	Per Ramp	\$1,600.00	\$566,400.00
35	For constructing asphaltic concrete surface course for Type "I" temporary paving repairs.	132,843	Square Yards	\$12.00	\$1,594,113.43
36	Concrete sidewalk restoration (4" thick), (materials and labor). (applied to 50% of project).	175,177	Sq. Ft.	\$4.00	\$700,709.20
37	For replacement of pavement markings damaged, removed or obliterated by the Contractor's operations.		Aggr. Sum		\$40,000.00
38	For milling existing asphalt pavement to an average depth of 1", complete. (two traffic lanes).	265,686	Square Yards	\$5.00	\$1,328,427.86
39	For resurfacing, using Type "V" pavement repairs (nominal one-inch thick machine-laid asphaltic concrete surface overlay). (two traffic lanes).	265,686	Square Yards	\$8.00	\$2,125,484.57
40	For furnishing and installing traffic control for the project, complete (2% of the sum of items (25), (32), (33) - (39), and (48).		Aggregate Sum		\$413,287.80
41	The total of Sidewalk and Pavement Repairs & Installations Items (33) through (40)		SUBTOTAL 3 =		\$7,125,588.76

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PROJECT No. EDP WS-S-197

MUNICIPALITY: Miami Dade

Portions of: Sec.01, Twp. 56 S., Rge. 39 & Sec.06, Twp. 56 S., Rge. 39

Item	Description	Qty	Units	\$/Units	Total
Construction Contingency					
42	Concrete curb and gutter restoration.	6,000	Lin. Ft. (Contingent Item)	\$20.00	\$120,000.00
43	For furnishing and installing polyethylene encasement for D.I. pipe, fitting, or valve, if ordered by the Engineer.	87,589	Lin. Ft. (Contingent Item)	\$2.00	\$175,177.30
44	For sheeting and shoring ordered left in place by the Engineer.	22,851	Square Feet (Contingent Item)	\$20.00	\$457,024.00
45	For temporary sheeting and shoring for special trench conditions, if approved by the Engineer.	22,851	Square Feet (Contingent Item)	\$16.00	\$365,619.20
46	For trench overcut for any size pipe in 1-foot depth increments.	87,589	Lin. Ft. (Contingent Item)	\$5.00	\$437,943.25
47	For grouting of existing Asbestos Concrete (AC) water mains.	87	Cubic Yards (Contingent Item)	\$70.00	\$6,107.93
48	The total of Contingent Items (42) through (47)		SUBTOTAL 4 =		\$1,561,871.68
49	The total of item (1) plus SUBTOTAL 1 through SUBTOTAL 4.		SUBTOTAL 5 =		\$21,177,677.95
Dedicated Allowances					
50	For installation of electrical grounding for water service relocations, the aggregate sum of: (calculated at \$250.00 per home times 1432 homes).		Dedicated Allowance		\$358,000.00
51	For the cost of providing 1 off-duty police officer as required (1 x \$42.00/hr x 8 hrs. x 874 days).		Dedicated Allowance		\$293,664.00
52	Allowance for the relocation of sub-meters. (0.5% of SUBTOTAL 5 shown above)		Dedicated Allowance		\$105,888.39
53	Removal and remediation of hazardous materials (0.5% of SUBTOTAL 5 shown above).		Dedicated Allowance		\$105,888.39
54	For cost of required permits, fees, inspections, impact fees, if authorized by the Engineer, the sum of 3% of SUBTOTAL 5 shown above (0.03 x SUBTOTAL 5, item 49).		Dedicated Allowance		\$635,330.34

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South Miami Heights Cadastral Support Services
Phase B**

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PROJECT No. EDP WS-S-197**

MUNICIPALITY: Miami Dade

Portions of: Sec.01, Twp. 56 S., Rge. 39 & Sec.06, Twp. 56 S., Rge. 39

Item	Description	Qty	Units	\$/Units	Total
55	For quantity adjustments, if ordered by the Engineer, the sum of 5% of SUBTOTAL 5 shown above (0.05 x SUBTOTAL 5, item 49).		Dedicated Allowance		\$1,058,883.90
56	For Unforeseen conditions and minor construction changes. The sum of 5% of SUBTOTAL 5 shown above (0.05 x SUBTOTAL 5, item 49).		Dedicated Allowance		\$1,058,883.90
57	For QA/QC Project Manual		Dedicated Allowance		\$2,500.00
58	The total of Dedicated Allowances Items (50) through (57).		SUBTOTAL 6 =		\$3,619,038.91
59			CONSTRUCTION GRAND TOTAL =		\$24,796,716.86

Notes:

- 1) Costs for replacement of damaged grass, curb ramps, detectable warning surfaces & traffic loop detector assemblies, is included in pipe installation and connection costs.
- 2) Costs for removal and replacement of trees, is included in pipe installation and connection costs.
- 3) Items for selling and delivering of pipe and fittings, include restraintment in fittings and appurtenances, as required by the project.
- 4) Items for installing pipe and fittings, include restraintment in fittings and appurtenances, as required by the project.
- 5) This preliminary opinion of probable cost is based on preliminary information provided by the Department. Actual estimate may change significantly during the Design Phase in order to reflect actual field and unknown subsoil conditions, potential utility conflicts, relocations, and additional permit requirements.

ROUGH PRELIMINARY ESTIMATE PROPOSAL

**DESIGN-BUILD CRITERIA
South Miami Heights Cadastral Support Services
Phase B**

**(AREA BOUNDED BY SW 184th St & SW 191st Ter and SW 127th Ave & SW 113th Ave)
PROJECT No. EDP WS-S-197**

MUNICIPALITY: Miami Dade

Portions of Sec.01, Twp. 56 S., Rge. 39 & Sec.06, Twp. 56 S., Rge. 39

Item	Description	Qty	Units	\$/Units	Total
Engineering Design Costs					
1)	Engineering (7% of CONSTRUCTION GRAND TOTAL) =				\$1,735,770.18
2)	Design Contingency, 10% of Item 1).				\$173,577.02
	TOTAL Engineering =				\$1,909,347.20
	CONTRACT AMOUNT : SUBTOTAL 3 =				\$26,706,064.06
ER BUDGETARY ESTIMATE FOR THIS PROJECT					
1)	WASD STAFF- Construction Management (3% of CONTRACT AMOUNT) =				\$801,181.92
2)	WASD STAFF- Engineering (1% of CONTRACT AMOUNT) =				\$267,060.64
	SUB-TOTAL DIRECT COSTS =				\$1,068,242.56
4)	Overall Project Contingency (15% of CONTRACT AMOUNT) =				\$4,005,909.61
5)	Stores overhead charge / contractor selection (9.4% of CONTRACT AMOUNT) =				\$2,510,370.02
6)	Asset Retirement Costs (5% of CONTRACT AMOUNT) =				\$1,335,303.20
7)	Legal Costs (0.5% of CONTRACT AMOUNT) =				\$133,530.32
8)	SBD / CWF fee (0.44% of CONTRACT AMOUNT) =				\$117,506.68
9)	IG (Inspector General) fee (0.25% of CONTRACT AMOUNT) =				\$66,765.16
	SUB-TOTAL INDIRECT COSTS =				\$8,169,385.00
10)	Department Overhead (10.6% of (Direct plus Indirect Costs)) =				\$979,188.52
11)	Project Administration with Contingency (Total of Item (1) through (10)) =				\$10,216,816.08
	TOTAL PROJECT BUDGET ESTIMATE =				\$36,922,880.14