

## SBD – CM REVIEW FORM

<b>To:</b> Business Opportunity Support Division – Construction	
<b>From:</b> SBD CM Vivian Forhat-Diaz	
<b>Department:</b> PWWM	<b>Contact:</b> Olga Espinosa-Anderson
<b>Date:</b> 02/03/14	<b>RESUBMITTAL:</b> No

<b>PROJECT NUMBER:</b>	14S003
<b>PROJECT TITLE:</b>	South Dade Landfill Cell 5 Construction
<b>PROJECT LOCATION:</b>	South Dade Landfill

**SCOPE OF WORK/DESCRIPTION:** Construction of Cell 5 of the South Dade Landfill Facility (SDLF), a Class I landfill in Miami-Dade County, Florida. This cell will occupy approximately 50 acres, 46 of which are for waste disposal. Cell 5 will be constructed as 5 sub-cells – two approximate 5.5-acre sub-cells and three approximate 11-acre sub-cells. The construction of Cell 5 will include the installation of a landfill double liner system consisting of , from top to bottom: a 2-ft thick liner protective layer (or approved alternative); leachate collection system (LCS) geocomposite drainage layer, which consists of a geonet with nonwoven geotextiles heat-bonded on both sides; a primary liner consisting of 60-mil thick textured HDPE geomembrane liner; leachate detection system (LDS) geocomposite drainage layer, which consists of a geonet with nonwoven geotextiles heat-bonded on both sides; a composite secondary liner, which consists of 60-mil thick textured HDPE geomembrane placed on top of a geosynthetic clay liner (GCL) with a maximum hydraulic conductivity of  $1 \times 10^{-7}$  cm/sec; and a 6-inch (minimum) thick prepared subgrade layer. The LCS will also include a LCS corridor and below the geocomposite drainage layer of the LDS will be a collection corridor, which lies directly on top of the 60-mil thick textured HDPE geomembrane of the secondary liner. In addition, a collection sump area will be installed at each sub-cell (with three pumps each), and the project will also include grading activities & completion of the Cell 5 stormwater management system that is partially built.

**SPECIAL REQUIREMENTS:** Prime Contractor should have a minimum of five (5) years' experience layered liner and drainage systems, including Geotextile, HDPE, Net and protective layer installation. Subcontractors must have at least five (5) years of experience in earth work, electrical, and mechanical. In addition, the installer of liner and HDPE pipes must have a certification in heat fusion and seams that demonstrate training and qualification to perform these tasks.

TRADES/SUBTRADES	AMOUNT	COMMENTS
<b>PRIME</b>		
Layered Liner & drainage System including Geotextile, HDPE, Net and protective layer	\$9,182,500.00	Must meet special requirements.
<b>Electrical Contractor</b>		
Electrical Work	\$442,500.00	* Possible Subcontracting opportunities. Must meet special requirements
<b>Concrete Contractor</b>		
Concrete Work	\$75,000.00	* Possible Subcontracting opportunities. Must meet special requirements
<b>BASE SUB-TOTAL</b>	<b>\$9,700,000.00</b>	
<b>CONTINGENCY</b>		
Contingency (10% Base)	\$970,000.00	
<b>SUB-TOTAL</b>	<b>\$10,670,000.00</b>	

Small Business Development Signature:  Date: 02/03/14

\*Trades/Subtrades identified for possible subcontracting opportunities by SBD CM

PWWM is recommending 4.85% for CSBE participation.