

# SBA CM REVIEW FORM

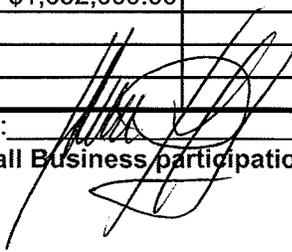
**To:** Business Opportunity Support Services - Construction  
**From:** SBD CM - Ileana Quintana  
**Department:** VIZCAYA **Contact:** Leigh Heinlein  
**Date:** 9 / 28 / 2011

**PROJECT NUMBER:** MCC-MH-002-11  
**PROJECT TITLE:** Skylight / Glass Canopy Replacement  
**PROJECT LOCATION:** Vizcaya Museum and Gardens / 3251 South Miami Avenue - Miami FI 33129

**SCOPE OF WORK/DESCRIPTION:** This construction project requires several specialized trades; the skylight, the metal fabrication and erection for the columns and support beams, special protection for Vizcaya's historic interiors, moving of art objects, careful demolition of existing skylight, repair, enhancement or replacement of associated rainwater, roofing, plumbing and electrical systems along with specialty conservation of historic materials in the Courtyard.

**SPECIAL REQUIREMENTS:** The General Contractor must have significant experience working with two or more large projects (\$2M or more) at building on the National Register of Historic Places;

TRADES / SUBTRADES	AMOUNT	COMMENTS
General Conditions	\$305,000.00	General Contractor
Skylight (fabrication & installation)	\$600,000.00	Specialty. Installation is provided by the fabricator to ensure product quality Demolition Contractor
Demolition (Remove existing skylight/preserve historic details)	\$112,000.00	Demolition Contractor must be extremely careful on removing the existing skylight (which is attached to the historic building in many ways) and the erection of protective barriers; must ensure that minimal vibration, dust, fumes or other disruption to the historic facility. Carpenter
Carpenter (Temporary protection & historic joist repairs)	\$75,000.00	The carpenter will be setting up and maintaining barricades along the perimeter of Vizcaya's Courtyard and protecting extremely valuable artifacts in and adjacent to the Courtyard; conservation-quality cleaning of historic wooden ceilings joists and protective treatment of these; professional conservator on its team
	\$1,092,000.00	

Small Business Development Signature:  Date: 9 / 29 / 2011

\* Trades/Subtrades identified for Small Business participation by SBD CM

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TRADES / SUBTRADES	AMOUNT	COMMENTS
	\$1,092,000.00	
		Structural Contractor
Metal fabricator & erector (Steel columns & beams)	\$240,000.00	Structural Contractor will custom-fabricate large steel columns and beams
		Metal Contractor
Metal conservator (Removing, cleaning, repainting copper gutters)	\$20,000.00	Contractor with specific training as conservators to undertake metal painting; will be required to remove existing historic copper gutters, to clean and repair these in accordance with conservation specifications; fabricate historically accurate attachment straps and to repatinate existing and replacement copper gutters to match one another.
		Painting Contractor
Painting conservator ( Patching historic lime paint finishes)	\$80,000.00	The painter contractor will be required to patch and paint areas in Vizcaya's Courtyard and the adjacent arcades and 2nd floor galleries that maybe damaged during the construction; this requires an expertise with lime based paint and faux finishes in historic structures particularly the capacity to match the surface the character of a historic stucco.
Stone conservator (Historic marble & limestone repairs)	\$40,000.00	Not a construction trade
Art handling (Removal & replacement of art objects)	\$40,000.00	
Landscaping (Planting trees)	\$40,000.00	
		Roofing Contractor
Roofing ( Moisture protection)	\$45,000.00	Possible subcontracting opportunity
		HVAC Contractor
A/C	\$25,000.00	Possible subcontracting opportunity
		Plumbing Contractor
Plumbing	\$92,000.00	Possible subcontracting opportunity
		Mechanical Contractor
Fire sprinkler	\$42,000.00	Possible subcontracting opportunity
		Electrical Contractor
Electrical	\$120,000.00	Possible subcontracting opportunity
Subtotal	\$1,876,000.00	
Contingency	\$181,812.00	
<b>Total Construction Cost</b>	<b>\$2,057,812.00</b>	