

Memorandum



Date: May 24, 2012

To: Veronica Clark, Assistant to the Director
Regulatory and Economic Resources Department

From: Miriam Singer, CPPO
Assistant Director
Internal Services Department 

Subject: Notice of MCC 7360 Plan Contract, ISD RPQ No. W100156, NSP 16961 SW 298th Street, Miami, FL 33030

The Internal Services Department (ISD) respectfully requests that you review the attached recommendation for "no measures or goals". This project is federally funded and will be reimbursed through funds from the Community Development Block Grant (CDBG); the Community Workforce Program is not applicable to this funding source.

The project consists of furnishing all materials, labor, services, supervision, tools, equipment, and all other items necessary to remove and replace the rear flat roof of the house. In addition, the selected contractor will be responsible for the removal and proper disposal of all work related debris, obtaining all permits and completing the scope of work.

The selected contractor is responsible for restoring all surfaces disturbed in the process. Please refer to the Specifications included for additional project details.

If additional information is required, please contact Ramon Cortes, P.E., MCC Coordinator, Contracts Administration Section (CAS), at (786) 469-2739.

cc: Jose R. Perez, AIA, LEED@AP, Director, DCSD
Fernando V. Ponassi, MA Arch., LEED@AP, CAS
Ramon Cortes, P.E., MCC Coordinator, CAS
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Project File 

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RECEIVED
DEPT. BUSINESS DEV.

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.: W100156

Contract/Project Title: NSP 16961 SW 298TH ST., MIAMI, FL 33125

Description/Scope of Work: The project consists of furnishing all materials, labor, services, supervision, tools, equipment, and all other items necessary to remove and replace the rear flat roof of the house. In addition, the selected contractor is responsible for the removal and proper disposal of all work related debris, obtaining all permits and completing the scope of work.

Estimated Cost: \$6,000.00

Funding Source: Federal CDBG

Location of Project : 16961 SW 298 St. Miami, Florida, 33125

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:N/A

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: **This contract is funded through CDBG**

Date submitted to SBD:

4/5/12

Contact Person:

Ramon Cortes, P.E. MCC Coordinator, CAS

Telephone No.:

786-469-2739

ASPHALT SHINGLE SPECIFICATION

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Asphalt roofing shingles.
- B. Leak barrier and deck protection.
- C. Metal flashing associated with shingle roofing.
- D. Attic Ventilation.

1.02 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry: Framing, wood decking, and roof sheathing.
- B. Section 07620 - Flashing and Sheet Metal: Sheet metal flashing not associated with shingle roofing; gutters and downspouts.
- C. Section 07810-07820 - Unit Skylights: Skylights.

1.03 REFERENCES

- A. Florida Building Code (Current Edition)
- B. ASTM D 3018 - Standard Specification for Class A Asphalt Shingles Surfaced with Mineral Granules.
- C. ASTM D 3161 - Standard Test Method for Wind-Resistance of Asphalt Shingles (Fan-Induced Method).
- D. ASTM D 3462 - Standard Specification for Asphalt Shingles.
- E. ASTM D 4586 - Standard Specification for Asphalt Roof Cement, Asbestos-Free.
- F. UL 790 - Tests for Fire Resistance of Roof Covering Materials.
- G. UL 997 - Wind Resistance of Prepared Roof Covering Materials.
- H. Asphalt Roofing Manufacturers Association (ARMA)
- I. National Roofing Contractors Association (NRCA)

1.04 SUBMITTALS

- A. Shall as a minimum, be two copies of product data sheets, detail drawings and samples for each type of roofing product used on project, in accordance with contract CIIS 7040-0/07.

ASPHALT SHINGLE SPECIFICATION

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: All products must be Miami-Dade County Product Control Approved.
- B. Installer Qualifications:
 - 1. Installer shall be familiar with manufactures' published installation instruction, and FBC RAS 115.

1.06 REGULATORY REQUIREMENTS

- A. All products must be Miami-Dade County Product Control Approved.
- B. Provide a roofing system achieving an Underwriters Laboratories (UL) Class A fire classification.
- C. Install all roofing products in accordance with all federal, state and local building codes.
- D. All work shall be performed in a manner consistent with current OSHA guidelines.

1.07 PRE-CONSTRUCTION MEETING

- A. Shall be in accordance with contract CIIS 7040-0/07.

1.08 DELIVERY, STORAGE, AND HANDLING

- A. Products shall be stored in manufacturer's unopened, labeled packaging until they are ready for installation, and in accordance with product manufactures recommendations.
- B. Store bundles on a flat surface. Maximum stacking height shall not exceed manufacturer's recommendations. Store all rolls on end.
- C. Store and dispose of solvent-based materials in accordance with all federal, state and local regulations.

1.09 WEATHER CONDITIONS

- A. Proceed with work only when existing and forecasted weather conditions will permit work to be performed in accordance with product manufactures' recommendations

1.10 WARRANTY

- A. Provide to the owner an 8 year contractor's Warranty.

ASPHALT SHINGLE SPECIFICATION

1.11 PRODUCTS MANUFACTURERS

- A. Acceptable Manufacturer: Any Miami-Dade County Approved manufacturer having a current Notice of Acceptance.
- B. Requests for substitutions will be considered in accordance with the provisions of contract CIIS 7040-0/07.

1.12 SHINGLES

- A. Any Miami-Dade County Approved 30 year dimensional, granule surfaced self sealing asphalt shingle.
 - 1. Color: As selected by Agency operating building.

1.13 HIP AND RIDGE SHINGLES

- A. Self sealing hip and ridge cap shingle matching the color of selected roof shingle. Or,
- B. Ridge cap shingle field fabricated from the same color and type of field shingle.

1.14 STARTER STRIP

- A. In accordance with The Florida Building Code RAS 115

1.15 LEAK BARRIER

- A. Not Applicable

1.16 SHINGLE UNDERLAYMENT

- A. In accordance with The Florida Building Code RAS 115

1.17 ROOFING CEMENT

- A. Miami-Dade County Approved Asphalt Plastic Roofing Cement meeting the requirements of ASTM D 4586.

1.18 ATTIC VENTILATION

- A. Install ridge vent, GAF Cobra type or equal.

1.19 NAILS

- A. In accordance with The Florida Building Code RAS 115.

ASPHALT SHINGLE SPECIFICATION

1.20 METAL FLASHING

- A. In accordance with The Florida Building Code RAS 111 & RAS 115
- B. Remove and replace all lead stack flashing and eave drip. Eave drip to be stainless steel.

PART 2 EXECUTION

2.01 EXAMINATION

- A. Do not begin installation until the roof deck has been properly prepared.

2.02 PREPARATION

- A. Remove all existing roofing down to the roof deck.
- B. Verify that the deck is dry, sound, clean and smooth. It shall be free of any depressions, waves, and projections. Cover with sheet metal, all holes over 1 inch (25 mm) in diameter, cracks over 1/2 inch (12 mm) in width, loose knots and excessively resinous areas.
- C. Replace damaged deck in accordance with FBC.
- D. Inspect all wood for damage and replace up to 4 sheets of 4'x8' CDX plywood of rotted or damaged wood sheathing. Submit per foot cost for additional wood replacement.
- E. Inspect all wood for damage and replace up to 100 lineal feet rotted wood fascia. Submit per foot cost for additional wood replacement.
- F. Re-nail deck in accordance with the FBC.

2.03 PREPARATION

- A. Clean deck surfaces thoroughly prior to installation of eaves protection membrane and underlayment.
- B. At areas that receive eaves protection membrane, fill knotholes and cracks with latex filler.

2.04 UNDERLAYMENT APPLICATION

- A. General:
 - 1. Install In accordance with The Florida Building Code RAS 115.
- B. Eaves:
 - 1. Install in accordance with The Florida Building Code RAS 115 & RAS 111.

ASPHALT SHINGLE SPECIFICATION

C. Penetrations:

1. Vent pipes: remove all existing vent pipe flashings and install new lead pipe flashings in accordance with RAS 115.
2. Remove and replace all goose necks
3. Remove existing pitch pans

2.05 INSTALLATION OF SHINGLES

A. General:

1. Install in accordance with the shingle's Miami-Dade County Notice of Acceptance and RAS 115.
2. Minimize breakage of shingles by avoiding dropping bundles on edge, by separating shingles carefully (not by "breaking" over ridge or bundles), and by taking extra precautions in temperatures below 40 degrees F (4 degrees C).
3. Handle carefully in hot weather to avoid scuffing the surfacing, or damaging the shingle edges. All damaged shingles and/or scuffed shingles shall be replaced.

B. Placement and Nailing:

1. Install in accordance with the shingle's Miami-Dade County Notice of Acceptance and RAS 115.
2. Nails must be driven flush with the shingle surface. Do not overdrive or under-drive the nails.
3. Shingle offset varies based on the type of shingle specified. Consult Miami-Dade County Notice of Acceptance for the specified shingle lay up details.

C. Penetrations

1. All Penetrations shall be flashed in accordance with RAS 115.

2.06 VENTILATION

A. General

1. Vents shall have Miami-Dade County Notice of Acceptance, and shall be installed in strict compliance with limitations of use listed within the Miami-Dade County Notice of Acceptance.

2.07 PROTECTION

- A. Protect installed products from foot traffic until completion of the project.
- B. Any roof areas that are not completed by the end of the workday are to be protected from moisture and contaminants.

END OF SECTION