


Memorandum



Date: September 3, 2015

To: Gary Hartfield, Division Director
Internal Services Department, Small Business Development Division

From: Milton L. Collins, Associate Director 
Miami-Dade Aviation Department, Minority Affairs Division

Subject: RPQ #10038377
MCC-7360 for Terrazzo & Miscellaneous Flooring Installation, Maintenance, Repairs
and/or Replacement at MDAD Operated Facilities

RECOMMENDATION:

This is a request for the Small Business Development Division to approve the subject project in order for the Aviation Department to proceed with the **MCC-7360 for Terrazzo & Miscellaneous Flooring Installation, Maintenance, Repairs and/or Replacement at MDAD Operated Facilities, RPQ #10038377** project. The Minority Affairs Division, MIA Facilities staff and SBD has reviewed the subject project and a recommendation of **SBE/Construction No Measure goal** is being recommended. SBD staff has forwarded Verification of Availability to Bid process forms to SBE certified contractors and due to insufficient availability of firms to perform the scope of services outlined, a No Measure is being recommended. Attached is the Work Description Breakdown and MDAD Contract Measure Analysis Worksheet.

This contract shall be for a maximum term of three (3) years. The total contract allocation shall be not to exceed \$4,000,000.00. Work will be authorized on an as needed basis via Work Orders by the MDAD Project Manager. MDAD offers no guarantee that the \$4,000,000.00 will be used in full nor that the contract will extend for the entire three (3) years maximum term.

The Community Workforce Program (CWP): The assigned CWP goal will be reflected on the corresponding MCC 7360 RPQ for subsequent advertising.

Scope of Services:

The majority of the work shall entail maintenance, repair, replacement and/or installation of terrazzo flooring. Work shall also entail installation of vinyl composition tiles (VCT) flooring, Tecway tiles, application of a seamless composite waterproofing system and a double broadcast quartz blend floor finish as well as other miscellaneous flooring rehabilitation, maintenance and/or repair activities.

Tasks consist of removal of existing flooring (carpet, terrazzo base, vinyl, tile, marble or other existing flooring) and replacement with an epoxy matrix terrazzo system, VCT, Tecway tiles, a quartz blend or other flooring system. All flooring systems must be installed according to Manufacturer's specifications and/or applicable MDAD Design Guidelines to be distributed by the MDAD project manager (PM) at the mandatory pre-bid meeting. New epoxy matrix terrazzo systems shall be 3/8" in thickness. Repair to the existing terrazzo and/or floor polishing, shall be as directed by the PM. Floor leveling work shall be performed utilizing approved concrete leveling mixes and/or feathering products. Applications/techniques shall be such that carpet, vinyl tile, ceramic tile or terrazzo can be installed. Replacement color for repairs shall match the existing in color, finish and chip composition. Preliminary mock-ups and "test patch repairs" are required. The majority of work shall be completed at night to minimize impact to the MDAD's routine business operations.

A waterproofing vapor barrier may be required as well as shot blasting the existing concrete substrate to ensure adhesion predominantly when moisture testing results are above 3 lb./cubic ft. and replacement sections are greater than 1 sq. ft. Areas outside the construction limit(s) shall be protected and maintained clean at all times.

The contractor shall block off the work area and protect the public from all dust, noise, fumes and alike to maintain a safe work site throughout each work session. All new terrazzo shall be protected during the curing period. Half wall partitions built with 2" x 4" with one side 5/8" gypsum and painted white shall be used as temporary barricades. Installation of floor to ceiling polyethylene (plastic) is mandatory to minimize spread of dust and construction debris.

Prospective bidders are notified that the MDAD project manager will coordinate with the Office of Art in Public Places (AIPP) on those areas where "artwork" is present to ensure the artwork's integrity is maintained.

Pricing shall be based on unit prices. Contractor/Prospective bidders are notified that their unit costs and total price shall be listed on the "Supplemental Bid Form" to be distributed at the mandatory pre-bid meeting. Unit costs shall be all inclusive (i.e., include all labor, materials and equipment costs) and must comprehend any incidental extra work (i.e., such as temporary relocation of materials, furniture, etc.) that may be encountered in the course of performing the work. Prospective bidders are responsible for taking into consideration all applicable Ordinances and/or Regulations in force at the time of the bid, such as Responsible Wages, that may affect unit prices. Most work will have to be completed after regular business hours (i.e., night time) to minimize disruptions to the routine business operations of the MDAD and/or its business partners. Bidders shall adjust line item unit costs accordingly. Omissions by the Contractor/Prospective bidders shall not constitute grounds for changes to unit costs throughout the duration of the contract.

Prospective bidders shall submit both Bid and Payment & Performance (P&P) bonds. The P&P bond must be submitted, using the contract specified form, within ten (10) working days from receipt of the Recommendation for Award (RFA) or time extension approved by the MDAD project manager. A sample of the acceptable P&P bond will be provided at the mandatory pre-bid meeting.

Floor work/repairs will be required throughout the MDAD operated facilities. Therefore, valid MDAD identification badges with the Customs Seal will be required as well as vehicle permits to enter airside (with accompanying insurance). Unit costs shall be adjusted accordingly.

All bidders shall complete and submit a questionnaire survey which will be distributed at the mandatory pre-bid meeting. The survey shall serve to verify compliance with MDAD qualifications requirements to perform the contract's scope of work. The survey must be submitted with the bid documents as well as the requested proof of experience and certifications. Prospective bidders unable to comply with the survey requirements shall be disqualified from the bidding process. Required qualifications include the following:

1. Terrazzo installer must be a manufacturer certified terrazzo applicator (i.e., specialty trade contractor). Installer(s) must be individually certified by the terrazzo manufacturer. Proof of certification will be required for award.
2. Subcontracting any phase of the installation is unacceptable.

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3. The awarded bidder must have ten 10 years of verifiable experience installing cementuos, epoxy terrazzo and pre-fabricated epoxy terrazzo flooring systems. Proof of experience shall be submitted with bid documents.
4. The awarded bidder must have proof of verifiable experience for at least five (5) projects involving terrazzo installation, replacement or repairs with costs of \$750,000.00 or beyond. Proof of experience shall be provided with the bid documents.
5. The awarded bidder must have proof of verifiable experience of terrazzo work or projects at MIA in the past two (2) years. Proof of experience shall be required for contract award.

Note: Bidders are warned that failure to submit the completed questionnaire survey and related certifications, proof of experience, forms, bid bond and miscellaneous supporting documentation with the bid documents shall result in the bid rescinded.

If you have questions or require additional information to complete this process, please contact me at (305) 876-7221 or C. Corrales at (305) 876-7991.

Attachment(s)

cc: L. Johnson, SBD
C. Taylor, SBD
A. Montalvo, MDAD
A. Bao-Garciga, MDAD
V. Forhat-Diaz, MDAD
C. Corrales, MDAD
File

REVISED MDAD's CONTRACT MEASURES AND ANALYSIS WORKSHEET

To: Gary Hartfield, Division Director
Internal Services Department, Small Business Division

From: Milton L. Collins, Associate Director
Miami-Dade Aviation Department
Minority Affairs Division



PROJECT/CONTRACT TITLE: MCC-7360 for Terrazzo & Miscellaneous
Flooring Installation, Maintenance, Repairs
and/or Replacement at MDAD Operated
Facilities

PROJECT/CONTRACT NUMBER: RPQ No. 10038377

DEPARTMENT: Miami Dade Aviation Department

ESTIMATED PROJECT COST: \$4,000,000.00

FUNDING SOURCE: Reserve Maintenance (RM) and/or Capital
Funding (Funding is to be determined
independently for each Work Order issued
under this service contract).

DESCRIPTION OF PROJECT/BID:

The majority of the work shall entail maintenance, repair, replacement and/or installation of terrazzo flooring. Work shall also entail installation of vinyl composition tiles (VCT) flooring, Tecway tiles, application of a seamless composite waterproofing system and a double broadcast quartz blend floor finish as well as other miscellaneous flooring rehabilitation, maintenance and/or repair activities.

CONTRACT MEASURES RECOMMENDATION:

Measures: SBE-Construction Program – No Measure

REASONS FOR RECOMMENDATION:

Analysis of the factors contained in Implementing Order #3-22 indicates that SBE-Construction No Measure is appropriate for this contract.

MIAMI-DADE AVIATION DEPARTMENT (MDAD)
MIA TERRAZZO AND FLOOR PREPARATION AND REPAIRS IN MIA'S TERMINAL AND CONCOURSES
RPQ #10038377

Item #	Work Description	Estimated Annual Labor	1.25 Multiplier*	Contract Term (Yrs.)	Total Labor Cost	% of Total Labor Cost	Notes
1	Composition flooring, epoxy terrazzo, chemical resistant, 14" thick max.	\$ 114,862.50	\$ 143,578.13	3	\$ 430,734.38	28%	Annual labor cost estimate based on estimate for previous RPQ #1202-228978
2	Anti fracture membrane	\$ 2,812.50	\$ 3,515.63	3	\$ 10,546.88	0.68%	Annual labor cost estimate based on estimate for previous RPQ #1202-228978
3	Zinc strips	\$ 1,468.75	\$ 1,835.94	3	\$ 5,507.81	0.35%	Annual labor cost estimate based on estimate for previous RPQ #1202-228978
4	Flooring demolition, tile, terrazzo, thin set, etc.	\$ 11,068.75	\$ 13,835.94	3	\$ 41,507.81	3%	Annual labor cost estimate based on estimate for previous RPQ #1202-228978
5	Floor leveling	\$ 177,918.75	\$ 222,398.44	3	\$ 667,195.31	43%	Annual labor cost estimate based on estimate for previous RPQ #1202-228978
6	MIA Terminal terrazzo patching	\$ 81,250.00	\$ 101,562.50	3	\$ 304,687.50	20%	Annual labor cost estimate based on estimate for previous RPQ #1202-228978
7	Field supervision	\$ 18,750.00	\$ 23,437.50	4	\$ 93,750.00	6%	Annual labor cost estimate based on estimate for previous RPQ #1202-228978
Total Labor Cost					\$ 1,553,929.69		

* The 1.25 multiplier accounts for Workman's Compensation, Labor Burden Unemployment (SS), etc.

Notes: The exact nature of the scope for the project is presently unknown since the entire contract work will be on an as-needed basis. Work will be authorized on as-needed basis via Work Orders.

Minority goal of 3% for flooring demolition of existing floor finish is recommended. Terrazzo and/or other flooring installation work cannot be subcontracted.