

Memorandum



Date: July 30, 2020

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

From: EN Elia Nunez, P.E., Assistant Director
Engineering, Planning and Development
Department of Transportation and Public Works

Subject: Project No.: CIP168
Project Name: Metrorail Acoustical Barrier Replacement - Phase 3 (Part 2 of 2)
FCSC: 8.23
Description: Upcoming Solicitation for Construction Services (Revision)
Contract Number: CIP168-DTPW20-CT2

The Department of Transportation and Public Works (DTPW) respectfully requests that the Division of Small Business Development (SBD) re-evaluate Project No. CIP168 – Metrorail Acoustical Barrier Replacement – Phase 3. SBD previously issued a Project Worksheet for the subject project on February 7, 2020, requiring a Community Workforce Program Goal of 10.00%. Subsequently, due to funding constraints, Phase 3 of the project was divided into two Parts: Part 1 of 2 and Part 2 of 2. On May 21, 2020, DTPW advertised Phase 3 (Part 1 of 2) and the project is currently pending issuance of an Award Recommendation. At this time, DTPW would like to proceed with advertisement of Phase 3 (Part 2 of 2) of the project. The funding source for Phase 3 (Part 2 of 2) is People’s Transportation Plan Bond Program Funds. The original construction cost estimate for the complete Phase 3 of the project was \$67,521,040.00 (excluding the 10% contingency allowance). Phase 3 (Part 2 of 2) has a reduced cost estimate of \$39,695,990.40 (inclusive of the 10% contingency allowance).

Scope of Services - DTPW requires construction services for the replacement of a portion of the acoustical barriers located along the Metrorail system from Abutment AB-1-NS near the Dadeland South Station to AB-1381-NS, which is east of the Palmetto Station. The project consists of the testing, furnish and installation of a portion of acoustical barriers with associated hardware along the Metrorail system where Type “B” concrete acoustical barriers have been removed. The Contractor must comply with all applicable federal, state and local regulations, including, but not limited to: Occupational Safety and Health Administration requirements and Fall Protection guidelines when performing all work. All work will be performed on an electrified, elevated guideway system, around and over busy streets and expressways. The Contractor shall coordinate all Maintenance of Traffic needs with the agency having jurisdiction as required. The contract duration for the project is 610 calendar days.

The Contractor must hold a current and valid State of Florida General Contractor's License. In addition, the project requires a State of Florida Professional Engineer, an accredited steel fabricator with AISC Highway Metal Components ISO 9001 AWS CWF, and a galvanizing firm – member of American Hot-Dip Galvanizers Association Inc. Should you have any questions or require additional information, please feel free to contact Ms. Leticia Smith, Chief of Contracts via email at Leticia.Smith@miamidade.gov or phone at (786) 469-5291.

Attachments

cc: Laurie Johnson, ISD
Leticia Smith, DTPW

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.: CIP168-DTPW20-CT2
 *Reference corresponding project number when submitting a work order

Contract/Project Title: Metrorail Acoustical Barrier Replacement Phase 3 (Part 2 of 2)

Description/Scope of Work: See Attached

Estimated Cost: 39695990 **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.
Abutment AB-1-NS near the Dadeland South Station to AB-1381-NS, which is east of the Palmetto Station.

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
N/A		
N/A		
N/A		

Comments:..

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:

Date submitted to DBD:07/30/2020

Contact Person:Leticia Smith

Telephone No.:786-469-5291

Miami-Dade Transit

Replacement of Acoustical Barriers Phase 3 Part 2

Assumptions

- 1 Assumes use of 3 simultaneous crews based on MDT's personnel limitations.
- 2 Assumes crews work 8 hour shifts to allow for set-up / take-down time. Actual working hours are limited by MDT requirements.
- 3 Unit prices include all contractor markups.
- 4 Assumes no sales tax required on materials.
- 5 Assumes the track nearest the wall will be closed during working hours.
- 6 Assumes all lifting and loading will be performed from ground level. No equipment will be on tracks.
- 7 Material pricing based on quotes from Eastern Rail. Price includes testing and delivery.
- 8 Crew makeup, working hours and contractor's assumed means and methods were developed in a conference call with Eastern Rail and a contractor who previously performed acoustic barrier work for MDT.
- 9 Wage rates from Miami-Dade County Responsible Wages & Benefits Schedule 2020 Heavy Construction.

Exclusions

- 1 Excludes any potential costs for removal of brush, fences or any other items necessary to gain access to lift locations.
- 2 MDT personnel required on-site during construction to be paid by MDT.

Intent of estimate is to establish a potential range of construction costs based on 100% plans. Estimated construction costs could vary based on design progress, scope refinement, bidding competition, contractor's perceived risks and opportunities, and means and methods. Atkins recommends that cost estimates be developed/updated as design progresses to confirm budget. Atkins does not guarantee that any bids received for this project will not deviate from the estimated costs.