

Ultrasonic Rail Testing Services

IB-00173- Verification of Availability

Estimated Cost: \$1,000,000

November 26, 2014

Find attached the “**Scopes of Work**” and “**Special Requirements**” for an upcoming **contract**. Please review to determine if you would be able to **satisfy the requirements** (as applicable), and **interested in responding**; if so, please check the appropriate areas below and respond to this email confirming the same. Please pay “**CLOSE**” attention to the various sections and the “**SPECIAL & MINIMUM Requirements**”, being specified, and confirm your **ability** and **availability** to satisfy “**ALL**” sections/scopes.

See all **Sections** as listed below; paying very close attention to the “**minimum**” requirements of each. (While you are **not** bidding at this time, be mindful your response strongly influences SBD’s determination as it relates to a potential **SBE Measure**). So please be diligent in your review of the information and respond accordingly, based on your ability to meet **ALL** the applicable requirements.

Please note the “purpose” bullet of this project (Section 2.1).

Are you able to meet the “scopes of services” for this project (see Section 3.1)?

Yes___ No___

Are you able to meet the “Labor, Materials and Equipment” requirements stipulated for this contract (see Section 2.14)?

Yes___ No___

Are you able to meet the “Limitation of Operation” requirements stipulated for this contract (see Section 2.15)?

Yes___ No___

Please note the “System Description” bullet of this project (Section 3.2).

Are you able to meet the “Testing & Reporting” requirements stipulated for this contract (see Section 3.3)?

Yes___ No___

Are you able to meet ALL the “Testing Specifications” requirements (A. through I.) stipulated for this contract (see Section 3.4)?

Yes___ No___

Please note the “Vehicle Specifications” bullet of this project (Section 3.5).

___ I am “NOT” interested in this solicitation.

Name of Firm: _____ SBE Exp. Date: _____

Owner's Name: _____ Signature: _____

Date: _____ Contact #: _____

Please respond by **2:00pm, Wednesday December 3, 2014** – (Providing References)

Any questions, feel free to contact me at the number below. (Respond to the **“Verification** “whether you are interested or not (choosing **“Yes”** or **“No”** as applicable); this helps SBD in the determination of measures).

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Please complete the following **"Reference Requirements"**:

Project Title:
Client Name
Contact No.:
Scope Description:

Project Title:
Client Name
Contact No.:
Scope Description:

Project Title:
Client Name
Contact No.:
Scope Description:

***Please list above any previous experience consistent with the scopes of services for this contract.**

SECTION 2 - SPECIAL TERMS AND CONDITIONS**2.1 PURPOSE**

The purpose of this solicitation is to establish a contract for the purchase of Ultrasonic Rail Testing Services in conjunction with the County's needs.

2.2 SMALL BUSINESS CONTRACT MEASURES FOR SOLICITATIONS GREATER THAN \$50,000 (Bid Preference)**2.3 TERM OF CONTRACT: SIXTY (60) MONTHS**

This contract shall commence on the first calendar day of the month succeeding approval of the contract by the Board of County Commissioners, or designee, unless otherwise stipulated in the Notice of Award Letter which is distributed by the County's Department of Procurement Management, Purchasing Division; and contingent upon the completion and submittal of all required bid documents. The contract shall expire on the last day of the sixty (60) month period.

2.4 OPTION TO RENEW FOR FIVE(5) YEARS

Prior to, or upon completion, of that initial term, the County shall have the option to renew this contract for an additional five (5) years. Continuation of the contract beyond the initial period, and any option subsequently exercised, is a County prerogative. This prerogative may be exercised only when such continuation is clearly in the best interest of the County.

2.5 METHOD OF AWARD: TO A SINGLE LOWEST PRICED VENDOR IN THE AGGREGATE

Award of this contract will be made to the responsive, responsible vendor who submits an offer on all items listed in the solicitation and whose offer represents the lowest price when all items are added in the aggregate, and meet the minimum requirements set forth below. If a vendor fails to submit an offer on all items, its overall offer will be rejected. The County will award the total contract to a single vendor.

The awarded bidder shall have at least one staff member certified as a SNT-TC-1A, level II or ANSI/ASNT CP-189, Level II technician to perform the work. A copy of any of these documents shall be submitted with the bidder's proposal. However, the County reserves the right to ask for these documents during the evaluation process and/or at any time during the term of the contract to ensure compliance.

2.6 PRICES SHALL BE FIXED AND FIRM:

If the bidder is awarded a contract under this solicitation, the prices proposed by the bidder shall remain fixed and firm.

2.7 INDEMNIFICATION AND INSURANCE**2.8 CERTIFICATIONS**

See Section 2.6

purpose. All material, workmanship, and equipment shall be subject to the inspection and approval of the County's Project Manager.

2.15 LIMITATION OF OPERATIONS

The awarded bidder will perform testing during the hours from 12:30am to 4am, except when additional work is necessary for the proper care and protection of the work already performed, and when permission to do such work is secured from the Miami-Dade County Department representative. No overtime work shall be started without prior approval of the County's immediate project manager or his/her designated representative.

2.16 NOTIFICATION PRIOR TO COMMENCEMENT OF WORK SHALL BE FOURTEEN (14) DAYS:

The County will give a minimum lead time of fourteen (14) calendar days to the awarded bidder prior to the desired starting date for regular testing. However, in case of emergency there may be no lead time.

2.17 PURCHASE OF OTHER SERVICES NOT LISTED WITHIN THIS SOLICITATION BASED ON PRICE QUOTES:

While the County has listed all major services within this solicitation which are utilized by County departments in conjunction with their operations, there may be similar services that must be purchased by the County during the term of this contract. Under these circumstances, a County representative will contact the primary awarded bidder to obtain a price quote for the similar services. If there are multiple awarded bidders on the contract, the County representative may also obtain price quotes from these awarded bidders. The County reserves the right to award these similar services to the primary contract awarded bidder, another contract awarded bidder based on the lowest price quoted, or to acquire the items through a separate solicitation.

SECTION 3 – TECHNICAL SPECIFICATIONS

3.1 SCOPE

To provide an operator(s) and equipment to ultrasonically inspect the rail tracks.

3.2 SYSTEM DESCRIPTION

The rail system to be tested includes 45.6 miles of mainline track, 1.0 miles of pocket track, and 0.7 miles of yard lead track. This includes 12 interlocking and 22 station locations.

All tracks are constructed of 115RE, control-cooled continuously weld rail. Bolted and insulated rail joints will be encountered through interlocking and station locations.

3.3 TESTING & INSPECTION REPORT

Provide a detailed inspection report within twenty-four (24) hours of conducting each test, or as instructed by the Transit department.

3.4 TEST SPECIFICATIONS

Inspection equipment will make a continuous ultrasonic search for internal defects over the entire length of each running rail and must be capable of detecting defects between joint bars and in the area enclosed by joint bars as follows:

- A. Transverse fissures or other centrally located transverse defects representing approximately 5% of the cross-sectional area of the rail head.
- B. Detail fractures representing approximately 10% of the cross-sectional area of the rail head and not masked from above the shallow horizontal separation sometimes associated with shells.
- C. Engine burn fracture with transverse component developing from thermal cracks underneath driver burns representing approximately 15% of the cross-sectional area of the head.
- D. Horizontal split heads at least 2 inch length and located ½ inch or more below the running surface of the rail and at least halfway across the rail head.
- E. Vertical split head so oriented as to interrupt an ultrasonic signal transmitted through the rail section from above, and 6 inch in length or longer.
- F. Head and web separations and split webs outside the joint bar area at least 2 inch in length and progressing entirely through the rail web.
- G. Joint defects – bolt hole cracks and head and web separations inside the joint bar limits at least ½ inch in length and progressing entirely through the rail web.
- H. Defective welds (plant or field) with centrally located transverse defects, voids or inclusions in the rail head repressing approximately 5% of the cross-sectional area of the rail head, head defects not centrally located representing approximately 10% of the cross-sectional area of the rail head and web defects on a generally

horizontal plane at rail welds approximately 2 inch in length or longer with penetration more than half way across the rail web.

- I. Smaller defects than those noted above could be detectable under certain conditions in all defect categories.

3.5 VEHICLE SPECIFICATIONS

Due to a retrofit of additional power rail pedestals, the maximum allowable distance from the gauge side of the running rail adjacent to the power rail must not exceed 15 inches so that the rubber tires on the vehicle clear the hurricane pedestals.

