

Charlotte Area Transit System / Architectural / Engineering Services

## **CATS Rail Geometry Testing**

The Charlotte Light Rail consists of over 40 miles track that includes double main track, storage tracks and yard tracks. Having a strategy for Rail Inspection is key to the success of CATS and its passengers. CATS is developing a plan that will help ensure that rail defects will not be an issue for are lines. The purpose of Track Geometry testing on CATS Blue Line is to test several geometric parameters of the track without obstructing normal revenue operations. Some of the parameters generally measured include position, curvature, alignment of the track, smoothness, and the cross level of the rails. The testing vehicle will use a variety of sensors, measuring systems, and data management systems to create a profile of the track being inspected. The Track Geometry Vehicle must be able to collect track geometry measurements that include gauge, curvature, cross level, super elevation, 31' and 62' warp, 31' and 62' twist, track alignment and rail profiles of both left and right running rails. All measurements collected shall meet the most current APTA track safety standards. Any defects shall be coded as defined in the CATS MOW Track Standards Manual; as well as the severity level defined in the manual. PSR 802

### Details

Posting Number Anticipated Posting Date Commodity Code(s): 2021-Q1(Jan-Mar)-CATS-3838 2021-01-21 03187, 90743, 92420, 99200, 99255

## Requirements

Last Updated: 01/21/21

#### **Insurance Requirements**

The City requires the awarded vendor(s) to obtain and maintain the following insurance coverage types:



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 $\checkmark$ 

Automobile-For automobile operations liability

General Liability-For bodily injury or property damage, arising from products, premises, completed work, personal & advertising injury

Rail Road Protective-For operations within 50 feet of a rail line

Workers Compensation-For lost wages and medical expenses of injured workers

Estimated Total Value

The total project value is anticipated to be:

\$50,000 - 99,999

Utilization

The City anticipates setting goals for the following types of subcontractor utilization:

Viewers Option - A Small Red Eye Icon No Goal

#### Contract Term

The term of the project is anticipated to be:

Multi-Year

O This request is for a five (5) year contract.

# For Questions, Contact:

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