

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	2021-Q1(Jan-Mar)-CATS-3838
Anticipated Posting Date	2021-01-21
Commodity Code(s):	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:

- ☒ 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:

- ☐ No Goal

Contract Term

The term of the project is anticipated to be:

- ☒ Multi-Year

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

For Questions, Contact:

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