



NORTH TEXAS TOLLWAY AUTHORITY

5900 West Plano Parkway, Suite 100 • Plano, Texas 75026 • (214) 461-2000 • Fax (214) 528-4826 • www.ntta.org

Request for Information (“RFI”) 03592-NTT-00-GS-SM Simulcast Two-Way Radio System

January 30, 2013

The North Texas Tollway Authority (“NTTA”) System Incident Management Department is requesting procurement related information pertaining to expanding and maintaining its current “Simulcast Two-Way Radio System”. If interested, this information is required no later than Friday, February 15, 2013 at 2:00 p.m. Please provide three (3) sets of the prescribed information below to the attention of Ryan Williams, Senior Buyer, Procurement Services Department, 5900 W. Plano Parkway, Suite 100, Plano, Texas 75093.

In addition, the NTTA will be hosting an informal discussion/ “question and answer” session on Thursday, February 7, 2013, at 10:00 a.m., at the NTTA Board Room, 5900 W. Plano Parkway, Suite 200, Plano, TX 75093. The purpose of this meeting is to help gather information from industry experts and perspective vendors on possible solutions to the NTTA in regards to its simulcast radio system, as well as clarifying what level of information vendors would need from NTTA in developing a formal procurement.

The NTTA is requesting comprehensive technical information and consultation from qualified companies in providing maintenance and expansion of our current simulcast radio systems. For purposes of this RFI, “qualified companies” refers to any entity that is qualified to provide a turnkey solution for expansion and maintenance of the Authority’s simulcast two-way radio system. This information may assist the NTTA in developing a Request for Proposal to solicit offers or proposals from interested vendors to determine the optimal solution for expansion and maintenance of the simulcast two-way radio system.

In response to this RFI, please provide information regarding your company’s background, qualifications and experience and include any additional information that may assist the NTTA in its effort to determine the optimal solution for its simulcast two-way radio system.

In addition, NTTA is seeking information and questions from vendors in what additional information is needed to propose on the following scope of work;

- NTTA currently has in place a conventional two way, UHF radio system configured in simulcast. This is a multisite system consisting of 1 control site, 3 transmitter/receiver sites and 4 additional receive only sites adjacent to the NTTA System. These sites all operate using a single transmit and receive frequency pair.
- The system relies on GPS receivers for its synchronization and timing, which is vital for the simulcast system to operate properly. All transmitters must be synchronized such that the transmissions have precisely the same frequency and timing.
- The expanded radio system must include strategically located towers and base stations that, when networked, will provide two-way radio coverage to support NTTA’s future tollway growth. This coverage must support both mobile radios and personal hand-held radios.

- Existing Radio System Coverage Requirements

(NOTE: Coverage is required for the following tollway systems):

1. Dallas North Tollway from Downtown Dallas north to State Highway 380.
2. President George Bush Turnpike from IH 20 on the east, through the current roadway, extending to Main Lane Plaza 10 (just north of Walnut Hill Lane).
3. Sam Rayburn Tollway from station marker 2085, which lies just north/east of Business 121, to station marker 1337 which lies just south/west of Medical Center Drive.
4. Addison Airport Toll Tunnel
5. The Lewisville Lake Toll bridge.
6. Mountain Creek Lake Toll bridge

Monthly maintenance of the existing radio system and new expansions is also included in this scope.

- Expansion Radio System Coverage Requirements

(NOTE: Coverage is required for the following future/existing tollway systems):

1. President George Bush Turnpike from State Hwy 183 west/south to IH 20
2. Chisholm Trail Parkway from I30 (downtown Ft. Worth) south to US 67 (Cleburne)

The NTTA uses the Request for Information only as an “expression of interest”. As such, this announcement conveys no commitment on the part of either the NTTA or the Vendor. The aforementioned information may be used to develop a competitive formal procurement process once actual requirements have been identified.

Pertaining to this RFI, no information or questions and answers gathered will be released to prospective vendors.

If you have any questions regarding this document please feel free to contact Ryan Williams, Senior Buyer at 214-461-2060, e-mail address Rwilliams2@ntta.org.

Sincerely,



Felix Alvarez, MPA, CPPO,

Director of Procurement Services