Pre-Advertisement Notice
Mast Arm Conversion Project - Design-Build (Two-Step Process)
Release Date: June 1, 2012

The purpose of pre-advertisement notices is to inform potential consultants, contractors, subconsultants and subcontractors about future projects not yet solicited. Notices and related information will remain on this page until the specified release date. This is not a solicitation document – vendors are cautioned to rely only on the advertised solicitation document for instructions and information on the project. Information contained below is preliminary and is subject to change.

The Highway Engineering and Construction Division (HCED) is submitting to the Board of County Commissioners a request to approve a Request for Letters of Interest (RLI) for a Mast Arm Conversion Project. The detailed Scope of Work for this project is listed on page three of this Pre-Advertisement Notice.

The RLI will request interested firms to submit qualifications and other required information for review by the County. The County will then shortlist qualified firms (Design-Build Teams). Only shortlisted firms will be issued the Request for Proposals for the project.

The final approved RLI will be posted on the Purchasing Division’s website and will be available to download at: http://www.broward.org/Purchasing/Pages/CurrentSolicitationList.aspx

Registered Vendors with Broward County Purchasing Division that include the commodity code nos. 55080, 55088, 91327, 91371, 91894, 92593, 93686, 96882 or 96883 will receive an e-mail notification when the RLI is advertised and posted on the Purchasing Division’s website. Vendors can register to be a vendor with Broward County (or update their registered commodity codes, e-mail addresses, etc.) at:

http://www.broward.org/Purchasing/Pages/Registration.aspx

Expected Advertisement Date: June 7- June 14, 2012. RLI will be advertised 3-4 weeks. All RLI submittals must be received by the date and time listed in the RLI solicitation.

Pre-Submittal Meeting: date, time, and location will be included in the RLI solicitation.
**Licensing Requirement:** firms responding to the RLI must possess one of the following licenses, in accordance with Consultants' Competitive Negotiations Act (CCNA):

a) Be certified under Section 489.119 (2), Florida Statutes to engage in contracting through a certified or registered general contractor as the qualifying agent of the business organization or;

b) Be certified or registered under Section 489.119 (2), Florida Statutes to engage in contracting through a registered building contractor as the qualifying agent of the business organization and be certified with Broward County to engage in contracting as a general building contractor class “A” or;

c) Be certified under Section. 471.023, Florida Statutes to practice or to offer to practice engineering as the qualifying agent of the business organization.

**County Business Enterprise Requirements:** County Business Enterprise goal participation will apply to the project and the requirements to comply with the goal will be included in the RLI solicitation. Information on CBE requirements, CBE eligibility, and a directory of CBE firms are available at the below links:

CBE Overview:  [http://www.broward.org/econdev/SmallBusiness/Pages/cbeoverview.aspx](http://www.broward.org/econdev/SmallBusiness/Pages/cbeoverview.aspx)


Additional submittal requirements will be included in the RLI; all interested firms should review the RLI and submit required information to be considered by the County for shortlisting.

**Contact Information:**

- **Project Manager:** Michael Cleary, P.E., Traffic Capital Projects Manager  
  E-mail:  [mcleary@broward.org](mailto:mcleary@broward.org)

- **Purchasing Agent:** Connie Mangan  
  E-mail:  [cmangan@broward.org](mailto:cmangan@broward.org)
**Detailed Scope of Work**

Broward County seeks a Design-Build Team to provide the design and construction services for the technical design and management, procurement, installation, integration, and testing of two groups of a traffic signal mast arm project (20-signalized intersections for each project group). Each project group will convert span-wire supported signals to mast arm supported signals.

The scope of work for the project includes, but is not limited to, furnishing all labor, materials, supplies, equipment, services, and incidentals necessary to design, permit, construct, integrate, and test each signalized intersection in the respective group project. The project work shall include the removal and disposal of existing strain pole structures and other traffic signal appurtenances, and the design, furnishing (as required), and installation of mast arm structures for the two (2) groups of twenty (20) intersections each.

The specific services anticipated include, but are not limited to; engineering and design services, plans preparation, field survey, subsurface investigations, utility coordination, permitting, public involvement, coordination with adjoining construction projects, subsurface utility engineering, railroad coordination, field verification, minor roadway construction, maintenance of traffic, signing and pavement marking, ADA compliant sidewalk construction, traffic signal construction, installation of underground conduit and interconnect cable, installation of communications and support equipment, installation of traffic characteristics monitoring devices (video detection), installation of emergency vehicle pre-emption systems, and system testing.

For both project groups, Broward County will provide mast arm elements/components available in our inventory. The Design-Build Team will provide structural calculations, verification and any modifications required to meet the County’s structural design criteria and adhere to Section 25.4.26 of FDOT Plan Preparation Manual, as well as, all other applicable sections and documents.

The Design-Build Team shall also furnish and install all new equipment and materials used in the construction of the signalized intersections, including, but not limited to, the following items:

- Traffic signals and back plates including their mounting devices
- Conduit and cabling
- Video detection systems
- Pull and junction boxes
- Drilled shaft foundations
- Pedestrian signals (signal, mounting hardware on pedestals or mast arm uprights, etc.)
- Pedestrian detector assemblies (push button, push button housing, lead-in wires, etc.)
- Electrical power service assemblies, service poles, service conductors and disconnects
- Grounding for protection against faults, surge currents and lightning transients
— Traffic controller assemblies
— Internally illuminated signs (LED 50 lumens/watt)
— Removal of existing traffic signal equipment including poles and foundations
— Temporary traffic control
— Replacement of any disturbed landscaping
— Replacement of any disturbed concrete sidewalk, pavers, decorative concrete
— Replacement of all traffic control equipment and cabinets
— Replacement of removed lighting
— Replacement of any disturbed ITS or ATMS equipment
— Replacement and integration of any replaced ITS or ATMS equipment
— Upgrade and modification of pedestrian features to meet current ADA requirements
— Replacement of emergency vehicle pre-emption systems

The County will administer both project groups, and work closely with the Design-Build Team throughout the project's duration.