

## **NOTICE TO CONSULTANTS REQUEST FOR CONSULTANT SERVICES**

The City and County of Honolulu, Department of Transportation Services, is seeking a qualified consultant for the Computerized Traffic Control System, Phase 13 project.

The project is funded with 80% Federal Highway Administration funds and shall comply with all federal and State DOT requirements.

**PROJECT BACKGROUND:** The City and County of Honolulu is in an ongoing process of developing a Computerized Traffic Control System for the island of Oahu. This project constitutes the 13th phase of this process and should be considered an addition and expansion to the already existing Honolulu Traffic Management Center (HTMC). A Computerized Traffic Control System consists of all the necessary infrastructure and electronics to communicate with new traffic cameras and existing traffic signals in Central Oahu.

**PROJECT LOCATION:** The specific area of Central Oahu that this project includes is Mililani. The design will include work on the following roadways: H-2, Kamehameha Hwy., Meheula Parkway and Lanikuhana Avenue. A connection to the existing HTMC's fiber optic network can be made at Ka Uka Blvd. and the H-2 on-ramp.

**PROJECT PURPOSE:** The purpose of a Computerized Traffic Control System is to alleviate traffic congestion through the use of real time traffic information via traffic cameras and signal communications.

**SCOPE OF SERVICES:** The consultant will produce quality plans, specifications and construction cost estimate for the installation of all required equipment and infrastructure for the 13<sup>th</sup> phase of the Computerized Traffic Control System including but not limited to:

- Single mode fiber
- Field electrical power
- Grounding systems
- Cable messengers
- Fiber optic transmission overhead and underground lines
- Ethernet switches and hub stations
- Equipment cabinets
- Central gigabit switches
- Traffic cameras

The consultant will also be responsible to do any required Environmental Engineering.

Qualified firms interested in being considered for the above contract are invited to submit their qualifications in accordance with the Guidelines for Preparing Consultant Qualifications for Traffic Signals & Technology Division Projects. In accordance with Section 103D-304, HRS, qualifications should include the following:

- (1) The name of the firm or person, principal place of business, and location of all of its offices;
- (2) The age of the firm and its average number of employees over the past five years;
- (3) Proposed staff commitment and descriptions of their roles and responsibilities;
- (4) The education, training and qualifications of the proposed staff and key members of the firm;
- (5) The proposed approach to conduct the project;
- (6) Past performance on projects of similar scope for public agencies or private industry;
- (7) The names and phone numbers of up to five clients who may be contacted, including at least two for whom services were rendered during the preceding year for similar type of projects;
- (8) Records of performance on contracts with respect to cost control, quality of work, and ability to meet schedules;
- (9) Any other pertinent information that should be considered in the evaluation of the firm's qualifications; and
- (10) Any promotional or descriptive literature which the firm desires to submit.

**GUIDELINES FOR  
PREPARING CONSULTANT QUALIFICATIONS  
FOR  
TRAFFIC SIGNALS & TECHNOLOGY DIVISION PROJECTS**

The Department of Transportation Services (DTS) Traffic Signals & Technology Division (TS&T) has developed guidelines to standardize the preparation of consultant qualifications. The purpose of these guidelines is to help assure consistency in format and content of consultant qualifications submitted to DTS TS&T. This process should reduce the time requirements for the consultants in preparing a qualification submittal and will simplify the review process by DTS personnel.

In order for the DTS consultant selection committee to evaluate each qualification properly, it is very important that each submittal be clear, concise and follows the recommended format. A maximum total of 100 points is available for each submittal. Points for each section are as shown in the following table.

**QUALIFICATIONS FORMAT REQUIREMENTS**

<i>Criteria</i>	<i>Points</i>	<i>Max. No. of Pages</i>
Introductory letter, number of years in business, references and office locations		2
Professional qualifications necessary for satisfactory performance of required services	45	4
Specialized experience and technical competence in the type of work required, including where appropriate, experience in energy conservation, pollution prevention, waste reduction, and the use of recovered materials		
Past performance on contracts with government agencies and private industry in terms of cost control, quality of work, and compliance with performance schedules	23	2
Capacity to accomplish work in the required time	22	2
Location in the general geographical area of the project and knowledge of the locality of the project; provided, that application of this criterion leaves an appropriate number of qualified firms, given the nature and size of the project	10	2
<b>MAXIMUM TOTAL</b>	<b>100</b>	<b>12*</b>
Appendix: Resumes of key personnel		1 pg/person maximum
Appendix: Company brochure (optional)		

\* Number of pages per proposal may vary depending upon the nature of the project or service contract, but must total no more than 12 pages and no more than the maximum number of pages per criteria shown in the above table, excluding appendices, table of contents, and tabs.

A page is considered to be letter size, printed on one side, single-spaced, with characters no smaller than 12 point (Times font or similar preferred). Any proposal exceeding the 12-page limit or maximum number of pages per criteria, unless otherwise stated in the RFQ, receives a 5-point penalty for each page over the limit.

## **QUALIFICATIONS EVALUATION CRITERIA FOR CONSULTANT SERVICES**

The criteria presented below will be used for evaluating interested consultants:

**1. Professional qualifications necessary for satisfactory performance of required services.**

The project engineer must have experience in managing projects of similar nature and scope, and shall be a professional engineer licensed in the State of Hawaii unless stated in the RFQ. The project engineer's resume must be included in the Appendix.

The consultant shall designate experienced professional and technical staff to competently and efficiently perform the work, either through their own personnel or subconsultants. The qualification shall identify the project team composition, project leadership, reporting responsibilities, and address how subconsultants will fit into the management structure. Resumes of key team members, limited to one page per person, must be included in the Appendix.

Note: This information includes the qualifications of the individuals and subconsultants, and a list of applicable past projects the consultant worked on. The selection is made on the team, and not just the prime consultant.

**2. Specialized experience and technical competence in the type of work required, including where appropriate, experience in energy conservation, pollution prevention, waste reduction, and the use of recovered materials.**

List the specialized experience and technical competence of team members (consultants and subconsultants) in fiber optics, Internet Protocol, networking and Environmental Engineering.

**3. Past performance on contracts with government agencies and private industry in terms of cost control, quality of work, and compliance with performance schedules.**

The consultant shall include a list of all similar projects that the consultant worked on and successfully completed. Include the name, contact person and telephone number of the government and/or private agencies, and how cost control and schedule compliance issues were addressed.

**4. Capacity to accomplish the work in the required time.**

The consultant must demonstrate that sufficient knowledgeable staff is available and that any subconsultant hired by the consultant is experienced and capable of performing the work. The consultant shall include a list of current projects, which shall include the start and estimated consultant contract completion dates of the projects. The consultant shall also identify key team members, including the project manager and any subconsultants.

**5. Location in the general geographical area of the project and knowledge of the locality of the project; provided, that application of this criterion leaves an appropriate number of qualified firms, given the nature and size of the project.**

Some or all of the proposers will be invited to conduct discussions and/or interviews with the City and County of Honolulu staff and selection panel.

Financial obligations of the City are contingent upon funds for that purpose being appropriated, budgeted, and otherwise made available. In the event funds are not appropriated, any resulting contract will become null and void, without penalty to the City.

After submitting the RFQ, except as the City may otherwise agree, no changes shall be made in the key personnel. If, for any reason beyond the control of the consultant, it becomes necessary to replace any of the key personnel, the consultant shall provide as a replacement a person of equivalent or better qualifications for approval by the City.

This list may be used for other similar projects.

Any inquiry regarding the project should be directed to Nate Warner at (808) 768-8389.

Traffic Signal and Technology Division  
Department of Transportation Services  
City and County of Honolulu  
650 S. King Street, 3rd Floor  
Honolulu, Hawaii 96813

6 copies of the qualifications should be sent to:

WAYNE Y. YOSHIOKA, Director  
Department of Transportation Services  
City and County of Honolulu  
650 S. King Street, 3rd Floor  
Honolulu, Hawaii 96813

and must be received no later than 4:30 p.m., HST, January 15, 2010.



For WENDY K. IMAMURA  
Purchasing Administrator  
City and County of Honolulu