

REQUEST FOR CITY COUNCIL CONSIDERATION

Meeting Date: January 22, 2008

Agenda Item: 4(C)	Prepared By: A. Rony Joel, Public Works Director Date: January 11, 2008
Agenda Section: Business - Discussion	
Subject: Bridge Engineering Services Contracts	Department: Public Works Engineering

BACKGROUND:

Council is asked to select engineering firms to assist staff in future bridge engineering related services.

On November 26, 2007, City Council approved the repair of the Caxambas Pass Bridge. In addition, the FY08-12 CIP includes the repair of various bridges. Currently the Public Works Department does not have standing term contracts with engineering firms that have bridge engineering related service expertise. The previous term contracts have expired and select firms are needed to allow staff flexibility to complete the required work in a timely manner at the lowest cost.

The work may include the design of bridges and the structural design of other highway-related structures such as guardrail, concrete box culverts and retaining walls. The work includes all structural and electrical requirements and may include construction engineering inspection services for various bridge designs. The work may include performing routine bridge inspection services, underwater bridge inspections or bridge load rating analyses, making recommendations of repair for existing bridges, bridge scour analyses and the design of scour countermeasures.

The type of work may also include Stormwater permits, environmental permits, USCG permits, subsurface utility engineering (SUE), maintenance of traffic plans, bridge closure plans, temporary bridge plans, bridge lighting, and other appurtenances. Engineering studies and analysis required for the work may include Value Engineering or development of Project Development and Engineering Reports, Bridge Development Reports or Hydraulic Reports.

Generally, the following type of designs may be included:

- a. Box culverts.
- b. Retaining walls.
- c. Cast-in-place or pre-cast pre-stressed short span slab type bridges.
- d. Simple span pre-stressed concrete beam bridges.
- e. Bridges over navigable waters.
- f. Pedestrian bridges.
- g. Rehabilitation, repair or widening of any of the City of Marco Island's bridges.

The selection of multiple firms per category allows for using the appropriate firm for the required task. Various firms have expertise in specific technical areas. Staff goal is to have 4 to 6 firms per category.

Florida Statute 287.055, the Consultants' Competitive Negotiations Act, directs that all selection of consultants must be based on qualifications and not on cost. This is accomplished through the process of issuing and RFQ to obtain submittals from interested firms, the creation of a scoring committee which meets first to understand the objectives of the RFQ, the independent scoring of each submittal by each individual on the scoring committee, the consolidation of those scores, and a final meeting to review the results of that scoring and to recommend which firm or firms are to be presented to the City Council for the awards of a contract or contracts.

RFQ No. 08-009, Engineering Services for Bridge Design, Bridge Rehabilitation/Bridge Repair and Bridge Inspection Specialty Services was advertised in November 2007 and the RFQ document was sent to 80 engineering firms.

Eighteen (18) engineering firms responded to the RFQ and the selection scoring committee recommends the following firms to be awarded contracts in the listed specific technical areas.

BRIDGE DESIGN SERVICES:

TBE Group; Jenkins & Charland/ TRC Worldwide Engineering, Inc.; Volkert & Associates, Inc.; T.Y. Lin International; H.W. Lochner, Inc.

BRIDGE REHABILITATION / REPAIR SERVICES:

TBE Group; Jenkins & Charland / TRC Worldwide Engineering, Inc.; Volkert & Associates, Inc.; T.Y. Lin International; Hardesty & Hanover, LLP Engineering; American Consulting Engineers of Florida, LLC

BRIDGE INSPECTION SPECIALTY SERVICES:

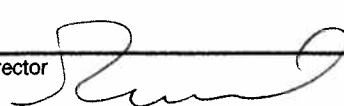
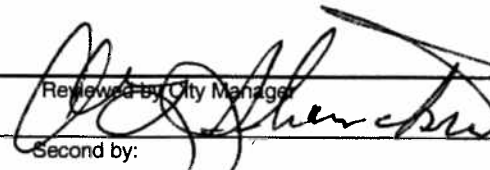
Volkert & Associates, Inc.; TBE Group; H.W. Lochner, Inc.; Jenkins & Charland / TRC Worldwide Engineering, Inc.; Stanley Consultants, Inc.

Staff recommends that the identified firms be awarded a three (3) year as-needed contract with an option for two - one year extensions for the designated service identified.

Funding for specific projects will be as approved by Council annual CIP.

RECOMMENDED ACTION:

Authorize the City Manager to enter in contracts, for a period of three (3) years, with an option for two-one year extensions, with the above named firms to provide the specific technical engineering services as required.

Reviewed by Department Director		Reviewed by City Manager	
Council Action:	Motion by:	Second by:	