Palm Beach County Notice

Pursuant to Florida Statutes 287.055, NOTICE is hereby given that Palm Beach County Water Utilities requires professional consulting services on the following project:

ALL ENGINEERING SERVICES REQUIRED FOR PROFESSIONAL CONSULTING SERVICES:

SYSTEM-WIDE WELLFIELD IMPROVEMENTS
HYDROGEOLOGIC, ENGINEERING DESIGN AND CONSTRUCTION SERVICES
PROJECT NO. WUD 18-051, PACKAGE IDENTIFICATION NO. TR07
Palm Beach County, Florida.

Consultants interested in this project are required to furnish EIGHT (8) originals (bound as a combed and/or notebook format), one copy (unbound) and one PDF on a CD of their proposal no later than 3:30 P.M., on Wednesday, October 10, 2018 with the following:

1) Letter of Interest (20 printed pages maximum) including reference to this Notice.
2) GSA Forms 330, to include those personnel from each consultant or sub-consultant in the following categories:

Prime Category:
12.06 Environmental Engineering - Water Resource Evaluation and Development

Subcategories:
6.01 Soils, Foundation, and Material Testing - Geological and Geophysical Studies
6.04 Soils, Foundation, and Material Testing - Hydraulic and Hydrologic Studies
5.02 Topography – Engineering Surveying
6.01 Soils & Foundation – Geological & Geophysical Studies
6.04 Soils & Foundation – Hydraulic and Hydrologic Studies
6.06 Soils & Foundation – Materials Testing
8.03 Mechanical Engineering - Water Supply Treatment Systems
9.03 Electrical Engineering - Industrial Facilities
10.03 Structural Engineering – Industrial
12.02 Environmental Engineering – Environmental Audit/Site Investigation
12.03 Environmental Engineering – Soil & Groundwater Contamination Assessment & Remediation System Design
12.06 Environmental Engineering – Water Resource Evaluation and Development

3) A completed Prime Consultant Questionnaire.
4) A completed Sub-Consultant Letter of Intent to Perform and questionnaire (for each consultant).
5) SBE Schedules 1 and 2.

The proposals shall be sent to:

Hassan Hadjimiry, P.E., Deputy Director
Palm Beach County Water Utilities Department
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Relevant forms may be obtained by contacting the Engineering and Public Works Department at 561-684-4150 or at http://discover.pbegov.org/engineering/roadwayproduction/Pages/CCNA.aspx or Maritza Navarro at the Palm Beach County Water Utilities Department Engineering Division at 561-493-6082 or by email to mnavarro@pbcwater.com.

Additional information pertaining to this project can be obtained from the Project Manager, Diana Rivera, P.E., PMP at the Palm Beach County Water Utilities Department Engineering Division at 561-493-6117 or by email to drivera@pbcwater.com. This request for proposal can be found at the Palm Beach County Vendor Self Service located at https://pbcvssp.co.palm-beach.fl.us/webapp/vssp/AltSelfService.

A non-mandatory pre-proposal meeting will be held on Wednesday, August 22, 2018 at 10:00 a.m. local time at the Central Region Operations Center, Administration and Engineering Building, Conference Room 231, 8100 Forest Hill Blvd, West Palm Beach, FL 33413. All Respondents planning to submit a Proposal are encouraged to attend this meeting. Attendees shall provide sufficient time to ensure arrival prior to the indicated time. A site visit to production wells at Water Treatment Plant #2 will be held immediately following the pre-proposal meeting.
The professional engineering and hydrogeological services needed include, but are not limited to, the following:

- Land Survey,
- Sub-Surface Utility Explorations,
- Geotechnical Investigations,
- Pilot hole drilling,
- Hydrogeologic consulting services,
- Engineering services included but not limited to Civil, Mechanical, Electrical and Instrumentation,
- Water quality testing,
- Permitting,
- Design,
- Hydraulic modeling
- Technical Specification Development,
- Opinion of Probable Cost Estimating (OPC),
- Bidding Support,
- Hydrogeologic and Engineering services during construction including, contractor oversight in the field, daily inspection reports, Vibration and Noise Monitoring During Construction, asset management, and Record Drawings.

The above referenced professional services are specifically related to the installation of new or reconstruction and modification of existing raw water production wells needed to improve and restore performance and capacity to these wells. Services include new capacity, restore capacity, enhance operational efficiency, replace aging systems, and reduce energy consumption, including but not limited to:

1. Drainage and site improvements,
2. Wellhead, wellhead elevation, and port improvements,
3. Pump and motor improvements,
4. Variable frequency drives,
5. Raw water main design, connection and tie-in,
6. Water quality testing and disinfection of well and wellhead piping,
7. Well and pump with motor performance testing including specific capacity, step drawdown, wire to water, silt density index, sand content and video analysis,
8. Electrical and instrumentation improvements, and
9. Production well borehole rehabilitation such as drilling, jetting, gravel pack replacement, well screen replacement, acidization, development, plug and abandonment services.

Wells to be rehabilitated include:

**WTP 2**
Replace or overdrill (depending on easement availability)
2W-3, 2W-4, 2W-5, 2W-6, 2W-7

**WTP 3**
Rehabilitation (replace control panel, pump and motor)
3W-15, 3W-16

Rehabilitation (replace screen and gravel pack)
3W-17R, 3W-19, 3W-24

Replace or overdrill (depending on easement availability)
3W-5, 3W-6

Replace radios and installation of VFD (smart wellfield)

**WTP 8**
Rehabilitation (acidize or replace screen & gravel pack)
8W-6, 8W-23

Rehabilitation (replace screen and gravel pack)
8W-17 & 8W-18

Replace electrical cables
8W-3R, 8W-13, 8W-14, 8W-18, 8W-22
WTP 9
Rehabilitation (replace screen and gravel pack)
9W-6, 9W-7R, 9W-8R, 9W-17, 9W-19

Replace radios and installation of VFD (smart wellfield)
9W-3R

Design and permitting of 1 new well and raw water main/tie-in
9W-16

The project may consist of multiple construction packages utilizing the design-bid-build (DBB) delivery method. The successful Consultant may act as engineer for design and construction at the Owner's discretion. The County may adjust the activities within each phase to accommodate the budget and other constraints. The services shall be limited to the PBCWUD wellfield and is non-exclusive allowing the County to utilize other firms at its sole discretion.

One (1) consultant will be selected. The term of the contract is four (4) years. The project budget for engineering and construction is estimated to be within the following range $10,000,000 to $12,000,000.

Note: In accordance with Ordinance 2003-18, Section 5: "Cone of Silence" hereby applies and shall be in effect as of the deadline to submit the proposal, bid, or other response to a competitive solicitation, and is defined as the prohibition on any communication, except for written correspondence, regarding a particular Request for Proposal, Request for Qualification, bid, or any other competitive solicitation between any person or person's representative seeking an award from such competitive solicitation, and/or any County Commissioner or Commissioner's staff, or any employee authorized to act on behalf of the Commission to award a particular contract and shall terminate at the time the Board, or a County Department authorized to act on behalf of the Board, awards or approves a contract, rejects all bids or responses, or otherwise takes action which ends the solicitation.

Responses to this notice will be evaluated and ranked per the criteria set forth in the "SELECTION OF PROFESSIONAL ENGINEERS, ARCHITECTS, LANDSCAPE ARCHITECTS, LAND SURVEYORS AND MAPPERS" Policy Procedure Memorandum (PPM) No. CW-0-048. Pursuant to the Palm Beach County Code Section 2-80-21 – 2-80-34, the County will provide contracting opportunities for SBEs and also desire to provide contracting opportunities for M/WBEs in the area of professional services pursuant to Section 287.055, Florida Statutes, as amended known as the "Consultant's Competitive Negotiation Act" (CCNA). The SBE goal for this project is a minimum of 15% participation.

In addition, any firm or individual, as a prime consultant or as a sub-consultant, desiring to provide professional services to Palm Beach County must first be CCNA certified with the Roadway Production Division of the Engineering and Public Works Department as qualified pursuant to law, and in accordance with the most recent administrative procedures for awarding of consulting contracts adopted by Palm Beach County.

In accordance with F.S. 287.133 (2) (a), persons and affiliates who have been placed on the convicted vendor list may not submit bids, contract with or perform work (as a contractor, supplier, subcontractor or consultant) with any public entity (i.e. Palm Beach County) in excess of Ten Thousand Dollars (or such other amount as may be hereafter established by the Florida Division of Purchasing in accordance with F.S. 287.017) for a period of 36 months from the date of being placed on the convicted vendor list.

This Notice given this 12th day of August 2018. PALM BEACH COUNTY WATER UTILITIES DEPARTMENT

BY:
Haasan Hadjimry, P.E.
Deputy Director, Palm Beach County Water Utilities Department

ATTEST:

SHARON R. BROCK
CLERK AND COMPTROLLER
Palm Beach County, Florida
BY: MELISSA MCKINLAY, MAYOR

PUBLISH: THE PALM BEACH POST
SUNDAY, August 12, 2018 and SUNDAY, August 19, 2018