

AECOM
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PROPOSAL DUE DATE: FRIDAY, MAY 8, 2009 @ 10:00 AM EST

May 4, 2009

TO ALL POTENTIAL BIDDERS

SUBJECT: REQUEST FOR PROPOSAL #003
General Construction Services In Support of the
Water Supply System Upgrades at Eglin AFB, Florida
Earth Tech Project No. 103806
PRIME CONTRACT NO: W9128F-07-2-0001

Dear Sir or Madam:

AECOM/Earth Tech would like to invite your firm to submit a **FIXED price** proposal in accordance with these RFP Documents, which are comprised of this letter and the attached listed documents, one set of which is in accordance with the Uniform Contract Format. **You are requested to submit your line item pricing with the unit price, unit and amount on the Bid Form. The Bid Form should be signed by an authorized official of your company and held firm for 90 days.** This RFP document shall become the basis for contract award should your firm be selected as the most favorable to Earth Tech.

The following must be returned with your proposal in order for it to be deemed completed:

1. Technical Narrative
2. Proposed Schedule
3. A Statement of Acceptance of the SOW, along with any proposed revisions or clarifications based on the attached and various reports and surveys as noted,
4. A list of any relevant assumptions and/or conditions upon which your proposal is based,
5. Davis Bacon Wage Determination Rates applies to this contract.
6. Please provide three representative projects completed within the past three years. Please include as a minimum the following information:
 - Project Name:
 - Description of project and Location:
 - Value of Project:
 - Client (include name, address, telephone, and email contact information):
7. **Resumes** for Key Personnel (i.e. site superintendents, foremen, project manager) must be submitted.
8. A list of all anticipated subcontractors (must include name, POC, address, phone and fax number).
9. A list of disposal facilities (must include name, address, phone and fax number), if applicable.
10. A list of transporters (must include name, POC, address, phone and fax number, and ID numbers), as applicable.

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11. Letter from Surety indicating bonding capacity. This is considered a construction effort and any award exceeding \$100k . A payment and performance bond will be required.
12. Proof of insurance w/ coverage as noted in the sample agreement – Section 8 and Appendix A. Any exceptions or inability to meet these coverages must be presented in your proposal. Prior to the commencement of work, a certificate of insurance listing Earth Tech Inc. and Three Rivers Resource Conservation and Development Council as additional insured will be required.

A sample Subcontract Agreement, and applicable Appendices are included for your review. Any preliminary comments and/or exceptions to the sample document MUST BE presented in your proposal. The acceptance form is provided behind the bid sheet for completion.

The Subcontract between Earth Tech and (subcontractor) TO BE DETERMINED is contingent upon Earth Tech being named the successful offeror by the (Client) Three Rivers RC&D Council, Inc. and (subcontractor) TO BE DETERMINED being named the successful subcontractor and will not be executed until such time as Earth Tech receives the award of a prime contract. Your offer must be valid for a period of 90 (or other specified time limit) days from the date of submission. Your firm will not be reimbursed for the costs associated with the preparation of your response. The DUE DATE is May 8, 2009. A response submitted via email or FAX to (Lisa Stone or Robin Bond) is requested, with an original to follow via overnight express. The FAX number is (864) 234-3069.

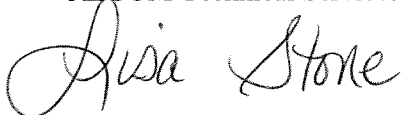
Any award of work as a result of this request will not solely be based upon cost. Qualifications will account for a portion of the evaluation. Award will be made to the ‘best-value’ bidder.

All questions must be submitted at one time in written form no later than May 6@ 10AM EST to the attention of Lisa Stone via fax (864-234-3069) or email (lisa.stone@aecom.com).

Your proposal shall be valid for 90 days from the due date. Late proposals and modifications will be handled in accordance with Part 15.412 of the Federal Acquisition Regulations.

Very Truly Yours,

AECOM Technical Services, Inc. (Earth Tech)



Lisa Stone
Subcontracts Administrator

Enclosures

ACKNOWLEDGMENT OF RFP

SUBMIT THIS FORM UPON RECEIPT OF THIS RFP

FROM _____ **RFP NO. #** _____

DUE DATE: 05/08/09 @ 10:00 AM EST

WORK DESCRIPTION: General Contractor Services at Eglin AFB

TO: **Earth Tech, Inc.**
 10 Patewood Drive, Bldg. VI, Suite 500
 Greenville, South Carolina 29615
Attention: **Lisa G. Stone**
Telephone: **(864) 234-3298**
Fax: **(864) 234-3069**

Gentlemen:

We received your above noted RFP on _____.

- () We will have a representative present for the scheduled site visit.
- () We will submit our Proposal by the above due date.
- () We decline to submit a Proposal for the following reason(s):

Our type of Business is (check applicable):

_____ Large _____ Minority _____ HUBZone
_____ Small _____ Woman Owned _____ Veteran Owned

Questions pertaining to our Proposal should be directed to: _____

SIGNED: _____

(TYPE OR PRINT)

DATE: _____

**STATEMENT OF WORK AND TECHNICAL SPECIFICATIONS
FOR
PUBLIC WATER SYSTEMS SITE UPGRADES,
U.S. COAST GUARD STATION AND NCO BEACH CLUB FACILITY**

EGLIN AIR FORCE BASE, FLORIDA

1.0 INTRODUCTION

AECOM, Inc. has been retained by Three Rivers RC&D Council, Inc. (Three Rivers) to provide a variety of services at Eglin Air Force Base (Eglin). As an element of this work, AECOM Technical Services (formerly Earth Tech, Inc.) is issuing a Firm Fixed Price (FFP) contract for a Contractor to construct two pump houses and perform miscellaneous plumbing at the above referenced facilities for Eglin. The contract will be issued in accordance with the Federal Acquisition Regulations (FAR) and AECOM's procurement policy. This work is being conducted in accordance with the Cooperative Agreement No. W9128F-07-2-0001 with Three Rivers.

Accordingly, your firm is requested to submit both a technical narrative and a FFP cost proposal in support of this SOW. Your proposal becomes the final basis for contract award should your firm be selected. The successful Offer for any award resulting from this contract will hold its prices firm through the end of the project period of performance.

AECOM reserves the right to reject any proposal. The award of this contract is not a guarantee of work. Late proposals and modifications will be handled in accordance with Part 15.412 of the Federal Acquisition Regulations.

Technical questions for statement of work clarifications should be directed to:

John Pierman, Project Manager

Phone: (850) 862-5191

Technical and all contractual questions should be directed to:

Robin Bond, Subcontracts Administrator

Phone: (864) 234-3585

2.0 CONTRACTS/SUBCONTRACTS

Prime Contract is the Cooperative Agreement No. W9128F-07-2-0001 with Three Rivers issued to AECOM and a subcontract will be issued as a FFP. The anticipated performance period will end March 31, 2010. The required schedule of work is included in *Section 4.0*. Contractor may

subcontract work to attain labor necessary to accomplish the scope of work. Subcontracted labor will meet all requirements of this SOW, including those pertaining to health and safety and training. Contractor will be responsible for meeting all quality and scope of work objectives of this SOW.

All proposed work shall conform to OSHA requirements, Florida Department of Health (FDOH) and Florida Department of Environmental Protection (FDEP) rules and regulations, American Water Works Association (AWWA) standards, and National Sanitation Foundation (NSF) regulations including Standard No. 61.

Bonding, insurance, and other contractual requirements are included in the attached documentation in this RFP package. These include the following:

- Pay for performance bond in full;
- Presence of an Affirmative Action Plan;
- Completed Safety, Health and Environmental Contractor Safety Criteria Questionnaire;
- Completed Vendor Responsibility Questionnaire (if not a vendor of record and if the information is older than 6 months);
- Insurance Requirements, including individual and aggregate general liability, automobile, worker compensation, professional liability, pollution, and transportation of hazardous material;
- AECOM's required Payment Provisions; and
- Provide a list of any subtier Contractors and willingness to present a Waiver and Release Upon Progress.

3.0 SCOPE

This SOW covers work at the U.S. Coast Guard Station and NCO Beach Club facility (*photo exhibit 1*) described below:

USCG Station PWS Pump House Construction:

Currently, there is an existing PWS building that covers part of the system. The building is composed of two rooms-mechanical and chemical. The well pump and associated piping is exposed and will need an additional building (pump house) to cover. The approximate dimension for the proposed pump house is 10 ft by 15 ft and may vary depending on actual field measurements. The pump house should be adequate to cover the PWS well pump and associated above ground piping configuration as shown in *Figure 1* and *photo exhibits 2 and 3 in Attachment B*. The existing hypodermic tank will not be covered.

The proposed pump house should be built with cement concrete construction or equivalent to withstand hurricane force winds of up to 140 miles per hour. The roof system for the pump house should be similar to existing (shingles) building and be equipped with an access hatch. The

access hatch should be installed in line with the well pump and should be 36" by 36" minimum. This proper alignment will allow easy vertical extraction of the pump riser and its associated components during maintenance.

In addition to the proposed pump house, the existing building should be cosmetically enhanced and should be repainted to match the proposed pump house.

Three (3) Dayton 2HAE1; 120V/1800-Watt Electric Heaters should be provided and installed. One heater unit for each room (mechanical and chemical) should be installed in the existing building and one in the proposed pump house. Please note that a separate breaker and receptacle for each heater may be required and should be included in the cost estimate.

The electrical distribution panel as seen in *photo exhibits 2d and 2e* located in the mechanical room should be replaced. The well pump breaker No. 14-16-18 should be removed and located as a separate box equipped with a Hand-On-Auto (HOA) switch.

The proposed pump house should also include interior lighting and one receptacle.

Prices for all electrical components should be included in Division 16 section of the bid sheet.

One (1) all purpose emergency combination eye wash and drench shower station should be included and installed/plumbed at location either next to the existing eyewash station or where appropriate.

USCG Station PWS Plumbing Modifications:

Replace all above ground piping and pertinent valves (air/vacuum relief valve, tee-pump to waste, check valve, and flow meter) extending from the well pump and to the hydropneumatic tank as seen in *photo exhibits 3*.

The existing hydropneumatic tank location depicted in *Figure 1 and photo exhibit 2a* will need to be moved to its former location. However, prior to this, two (2) new rectangular concrete pedestals will need to be formed and poured. Once the concrete pedestals have sufficiently cured, the tank will be moved and plumbing modifications can be completed. Price for equipment and labor to move the tank should be included in the cost proposal. The tank shall be secured to the concrete pedestals with stainless steel anchor bolts. The pedestals should be 4 feet in thickness and should be 3 feet high above surface grade with a 1 foot embedment. The existing concrete blocks as seen in *photo exhibit 4* shall be removed and disposed once the tank has been moved.

The existing above ground piping is 4-inch ductile iron with miscellaneous polyvinyl chloride (PVC) fittings. The below ground piping is 3-inch PVC SCH-80 with miscellaneous brass fittings. The above ground and below ground piping is to be replaced in kind (like for like) and shall be in compliance with Chapter 62-555 FAC and the American Water Works Association.

The pressure line, flow meter transmitter wire conduit, and the chlorine injection lines (PVC) shall be relocated to the outside footprint of the proposed pump house. The chlorine injection line shall be fitted and plumbed to the top side of the ductile iron piece and not from the bottom as seen in *photo exhibit 3d*. When relocating the flow meter transmitter wire conduit, wiring shall be replaced and price shall be included in the line item number 38 USCG Electrical.

Air/Vacuum relief valve (APCO, Val-Matic, or equiv.), tee-pump to waste (Milwaukee flanged red handle gate valve-ductile iron), check valve (APCO, Val-Matic, or equiv.), and flow meter (Endress & Hauser Promag 10W, must be this model and no other) shall be replaced. Also include the separate wall mounted display for the flow meter. The website for the flow meter can be found at <http://www.us.endress.com>. The tee-pump to waste connection should be extended through the proposed pump house for outside release. The Air/Vacuum relief valve should be piped into the riser of the tee-pump to waste that extends through the pump house to the outside.

A new pressure relief valve for the tank should be installed and the butterfly valves located at the influent and effluent of the tank are to be reutilized (*photo exhibit 4*). In addition, a 3-inch brass ball valve with a tee connection should be installed at the influent and effluent of the tank next to the butterfly valve. The two ½-inch connections on the clear tube assembly located in front of the hydropneumatic tank will need to be replaced-broken handle.

Also note that the well pump motor and bottom casing will not be replaced. Refer to *Figure 2* for proposed piping details.

Below is the specification of the existing tank and is for information purposes and does not need to be replaced.

EXISTING HYDROPNEUMATIC TANK SPECIFICATIONS

- One (1) 1,558 gallon horizontal hydropneumatic tank; diameter 48" by 180",
- Carbon Steel construction and meets ASTM code,
- Two (2) lift lugs,
- One (1) 12" x 16" x ¾" x 3" elliptical manway,
- Two (2) 1/2" NPT coupling,
- Two (2) 1" NPT coupling,
- One (1) 1-1/4" NPT flange,
- Two (2) 2" tank flange,
- Two (2) 3" NPT tank flange

