Request for Proposals

The Marina Coast Water District wishes to contract for Inspection and Cleaning of Potable Water Tanks

Proposals due

4:00 PM
May 29, 2015

Proposals shall be submitted to:
Marina Coast Water District
2840 4th Avenue
Marina, CA 93933
ATTN: Jaron Hollida

Questions should be submitted electronically to:
Jaron Hollida at
jhollida@mcwd.org
Notice to Interested Parties

Sealed proposals addressed to the Marina Coast Water District will be received at the Engineering office, 2840 4th Avenue, Marina, CA, 93933, until 4:00 p.m. on May 29, 2015, for furnishings all necessary materials, machinery, equipment, superintendency and labor for “INSPECTION & CLEANING OF WATER TANKS 2015” on 8 water storage tanks. Proposals shall be enclosed in a sealed envelope marked “INSPECTION & CLEANING OF WATER TANKS 2015 PROPOSAL ENCLOSED” and show day and time of proposal deadline. Facsimile or email bids will not be accepted. Proposals may be hand delivered to the Engineering office, 2840 4th Avenue, Marina, CA, 93933.

All lump sum and unit prices must be stated in figures. The Owner reserves the right to accept or rejects any or all proposals and to waive informalities and technicalities. In case of ambiguity or lack of clearness in stating the prices in the proposals, the Owner reserves the right to consider the most advantageous construction thereof, or to reject the proposal. It is the intention of the Marina Coast Water District to enter into an agreement with the selected Contractor.

The Contractor shall comply with all State and Federal regulations regarding wages and conditions of employment, including, but not limited, to those rules and regulations set forth or referred to in the Request for Proposals.

Proposals will immediately be opened in the Board Chamber at the Marina Coast Water District. Information for Bidders, Bid Forms, Specifications and Plans are on file with the Marina Coast Water District Engineering office, 2840 4th Avenue, Marina, CA, 93933.
Marina Coast Water District  
Request for Proposals  
Inspection & Cleaning of Water Tanks 2015

PROJECT DESCRIPTION

The Marina Coast Water District is soliciting Request for Proposals for inspection and cleaning services for the following water storage tanks:

1. Reservoir 2  
2. Sand Tank  
3. Reservoir B  
4. Reservoir C_1  
5. Reservoir C_2  
6. Reservoir D  
7. Intermediate Reservoir  
8. Huffman Tank

(Tank details are provided on page 10.)

The main focus of this project is to perform a comprehensive evaluation of the interior and exterior condition of the tanks, and remove any accumulated sediment.

The last cleaning of the tanks occurred in 2005, Reservoir D-2010

All inspection and cleaning services are to be conducted with the tanks full and in service. Water levels will not be adjusted for these services.

PROJECT SCOPE

Tank Evaluation

Contractor shall perform a comprehensive interior and exterior inspection of the tanks.

The Contractor shall provide high quality DVD or Blu-ray video inspection of 100% of all internal surfaces above and below the waterline, including the roof, and outside the tank. The video shall be narrated on site.

The Contractor shall also provide high quality digital photographs of inside and outside the tank.

All equipment and divers shall be properly disinfected prior to each dive.
The following items shall be inspected on each tank:

- Condition of steel on the interior and exterior. (Reservoir 2, D, Intermediate, and Huffman Tank)
- Condition of concrete walls (Tanks B, C₁, C₂, Sand Tank)
- Corrosion of any exposed materials.
- Tank ladders and safety equipment, manual level gauges and related telemetry for condition and operation.
- Conditions of tank hatches, vents, and other penetrations, as well as screens, overflow system and covers.
- Measurement of bottom sediment depths in at least (4) four locations. Sediment shall then be averaged out over the surface of the tank.
- Percentage of coating failure and corrosion on all coated surfaces.
- Condition of foundation and anchors.
- Cathodic Protection review of all components if applicable.
- Pit and blister analysis. The extent of pitting shall be described by the location and character.
- Examine wall-floor joints for leakage and signs of concrete deterioration.
- Examine roof.
- Examine all seams and floors.
- Inspect support columns and column to roof area.
- DFT readings of painted surfaces (roof and wall plates).

**Tank Cleaning**

Based on the results of each inspection the tanks may require sediment removal. The decision to clean will be made by a designated representative of the Marina Coast Water District. The contractor must comply with the latest AWWA sections 4.4.3-4.4.8

Cleaning shall be conducted with the tanks full and bottom sediment shall be removed and disposed of.

Contractor shall provide equipment capable of cleaning & inspection tanks which shall consist of, but not limited to, the following:

- Two-way diver to surface communications
- Compete underwater lighting system
- Full face mask, dry suits (chemical resistant). The Diver shall be totally isolated from the potable water.
- Equipment to disinfect diver and equipment before each dive.
- Equipment for cleaning of potable water storage reservoirs.
- Equipment shall be capable of removing flocculated material, silt, sediment, sand and debris from the floor of the reservoir.
- All safety equipment as required by OSHA standards.
- Remotely operated vehicles are acceptable, if tethered and commonly used. ROV’s must be sealed.

Following the cleaning of tanks, the Contractor shall provide a post-cleaning inspection, noting new observations not previously recorded. Post-cleaning inspection shall be considered a part of scope of work in any tanks cleaned. No separate payment shall be made for post-cleaning inspection.

**Minor Repairs**

Should the determination be made for the need of a minor repair, the Contractor, under the direct permission of a designated representative of the Marina Coast Water District, may perform the repair if deemed necessary. Costs for parts and repair shall not exceed 1.15 times the cost to Contractor. Contractor shall provide a copy of original invoice for payment.

**Report**

Following evaluation, cleaning and minor repair, Contractor shall prepare a written report. The report shall contain color photographs from both the interior and exterior surfaces. The report shall contain detailed recommendations for any safety, sanitary, or rehabilitations requirements along with estimated costs. The Contractor shall supply three (3) copies of the report, two (2) copies CDs of photographs taken (in high-resolution JPEG format), and two (2) copies of DVDs containing the video inspection of tanks.

All reports, photographs and videos shall become property of the Marina Coast Water District and shall be referenced at a later date for future cleaning, painting, and/or repairs.

**GENERAL TYPE OF CONSTRUCTION**

All work must meet general construction standards that have been established in this RFP and by normal construction practices. Work performed must be done in accordance with the latest AWWA, CA SWRCB, and OSHA regulations.

**WARNING SIGNS AND BARRICADES**

If required, the Contractor shall provide suitable warning signs and barricades to protect the public from injury due to his operations or presence of his equipment on or near the site of work.
INSURANCE REQUIREMENTS

Prior to execution of an agreement, the Contractor shall submit proof that his operations are covered by insurance. There must be proof of general liability coverage of not less than $1,000,000 per occurrence ($2,000,000 general and products-completed operations aggregate (if used)) for bodily injury, personal injury and property damage; auto liability of at least $1,000,000 for bodily injury and property damage each accident limit; workers compensation (statutory limits) and employers liability ($1,000,000) (if applicable); requiring 30 days notice of cancellation to the Marina Coast Water District. Insurance must include:

1. Workman’s Compensation and Employer’s Liability
2. Auto Public Liability (for all automobiles and trucks, including “Hired Vehicles”)
3. General Contractor’s Liability

The District’s standard form of contract is attached.

SCHEDULE OF WORK AND TIME FOR COMPLETION

The Contractor shall consult with the Marina Coast Water District or its designated representative in planning his work schedule to make sure the Marina Coast Water District is ready to proceed. Work shall be scheduled no less than two weeks (14 days) in advance. Contractor shall be issued written notice to proceed.

All work shall be done during daylight hours, and when in the opinion of the Project Manager or the Marina Coast Water District designated representative, rain, excessive wind or other weather conditions will adversely affect the quality of work.

Work shall be completed no greater than 60 days after execution of agreement due to anticipated high levels of demands.

PREVAILING WAGE

Wage rate used shall be current with requirements of published wage determination for construction type engaged in.

PROTECTION OF ADJACENT PROPERTY

Structures adjacent to property shall be protected. The Owner shall not be responsible for any damages caused by the Contractor.
STOCKPILING OF EQUIPMENT AND MATERIAL

The Contractor shall make all necessary arrangements for securing adequate and proper places for storing materials and equipment. The district has limited space available in the corporation yard. The Contractor shall obtain the approval of the Marina Coast Water District for such sites before storing materials thereon.

CLEANUP

Upon completion of each portion of the work, the site, shall be cleaned of all debris and construction equipment and shall be left in a neat condition to the satisfaction of the Marina Coast Water District and its designated representative.

PAYMENT

Payment for work under this contract shall be in accordance with items listed in the proposal and shall be payable upon completion and acceptance of the work.

Following completion of work and submission of all required reports, DVDs and CDs, the Contractor shall submit to Marina Coast Water District an application for payment or invoice for the amount on work performed.

SEVERABILITY

Should the Contractor selected be deemed unable to perform the work, the Marina Coast Water District reserves the right to sever the agreement under no penalty.

QUALIFICATIONS

Contractor must have a minimum 3 years’ experience inspecting and cleaning municipal water tanks, submit references for three similar projects using the form provided (Bidders Qualification Sheet). At least one reference must be a tank of 1 MG or larger.

SELECTION & AWARD

The Marina Coast Water District shall select the Contractor for the job based on qualifications based on his proposal, overall price of proposal and ability to perform work in time allotted.
QUESTIONS

During the proposal period, interested parties will be allowed to submit to the District written questions and requests for additional information to Jaron Hollida, jhollida@mcwd.org

All questions will be answered in the form of an addendum.

Contact:
Jaron Hollida
Engineering Technician
Direct: (831) 883-5930
Marina Coast Water District
jhollida@mcwd.org

REQUEST FOR PROPOSAL DEADLINE

☐ Sealed proposals must be submitted to the Marina Coast Water District. No portion of a submittal may be submitted by FAX or e-mail. Qualification submittals must be submitted before: 4:00 pm, May 29, 2015.

☐ Mail proposals to:

Jaron Hollida
2840 4th Avenue
Marina, CA, 93933

☐ Deliver proposals to:

Marina Coast Water District
2840 4th Avenue
Marina, CA, 93933

☐ The proposal documents shall be sealed in an envelope or packing clearly marked:

“INSPECTION & CLEANING OF WATER TANKS 2015 PROPOSAL ENCLOSED”
FEE FORMAT

INSPECTION/EVALUATION

<table>
<thead>
<tr>
<th>Inspection with Report</th>
<th>VIDEO WILL BE PROVIDED IN DVD___ OR BLU-RAY___ FORMAT (check one)</th>
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<tbody>
<tr>
<td>1. Reservoir 2</td>
<td>$______________________________</td>
</tr>
<tr>
<td>2. Sand Tank</td>
<td>$______________________________</td>
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<tr>
<td>3. Reservoir B</td>
<td>$______________________________</td>
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<td>4. Reservoir C₁</td>
<td>$______________________________</td>
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<tr>
<td>5. Reservoir C₂</td>
<td>$______________________________</td>
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<tr>
<td>6. Reservoir D</td>
<td>$______________________________</td>
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<tr>
<td>7. Intermediate Reservoir</td>
<td>$______________________________</td>
</tr>
<tr>
<td>8. Huffman Tank</td>
<td>$______________________________</td>
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</tbody>
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SEDIMENT REMOVAL

Underwater removal and disposal of tank bottom sediment
(Base price to include a maximum of **three (3) inches** of sediment)

| 1. Reservoir 2         | Base Price $_________________ Additional Removal: $ _____________/inch |
| 2. Sand Tank           | Base Price $_________________ Additional Removal: $ _____________/inch |
| 3. Reservoir B         | Base Price $_________________ Additional Removal: $ _____________/inch |
| 4. Reservoir C₁        | Base Price $_________________ Additional Removal: $ _____________/inch |
FIRM INFORMATION

Name of Firm: ____________________________________________
Address: ________________________________________________
Phone/Fax: ______________________________________________

REPRESENTATIVE CONTACT

Name: ________________________________________________
Phone: ________________________________________________
Email: ________________________________________________

EXPERIENCE

Years of Business: _______________________________________
Licenses/Certifications: _________________________________

REFERENCES FOR SIMILAR INSPECTIONS:

<table>
<thead>
<tr>
<th>PROJECT/DATE</th>
<th>OWNER/LOCATION</th>
<th>CONTACT/PHONE/EMAIL</th>
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</table>

PROPOSED INSPECTION METHODS:
5. Reservoir C₂
Base Price $_________________
Additional Removal: $ _______________/inch

6. Reservoir D
Base Price $_________________
Additional Removal: $ _______________/inch

7. Intermediate Reservoir
Base Price $_________________
Additional Removal: $ _______________/inch

8. Huffman Tank
Base Price $_________________
Additional Removal: $ _______________/inch
MARINA COAST WATER DISTRICT STORAGE TANK DATA

1. Reservoir 2
   Capacity: 2 million gallons
   Dimensions: Dia. = 80’ X 50’ tall
   Material: Welded Steel

2. Sand Tank
   Capacity: 1 million gallons
   Dimensions: Dia. = 115’ X 22’ tall
   Material: Concrete

3. Reservoir B
   Capacity: 2 million gallons
   Dimensions: Dia. = 145’ X 16’ tall
   Material: Concrete

4. Reservoir C₁
   Capacity: 2 million gallons
   Dimensions: Dia. = 132’ X 28’ tall
   Material: Concrete

5. Reservoir C₂
   Capacity: 2 million gallons
   Dimensions: Dia. = 108’ X 30’ tall
   Material: Concrete

6. Reservoir D
   Capacity: 2 million gallons
   Dimensions: Dia. = 116’ X 28’ tall
   Material: Welded Steel

7. Intermediate Reservoir
   Capacity: 169,000 gallons
   Dimensions: Dia. = 31’ X 31’ tall
   Material: Welded Steel

8. Huffman Tank
   Capacity: 60,000 gallons
   Dimensions: Dia. = 24’ X 18’ tall
   Material: Welded Steel
SAMPLE AGREEMENT

CONSTRUCTION CONTRACT FOR
[INSERT PROJECT NAME]
BETWEEN
MARINA COAST WATER DISTRICT
AND
[INSERT CONTRACTOR NAME]

Some of the important terms of this agreement are printed on Page 2. For your protection, make sure that you read and understand all provisions before signing. The terms on Page 2 are incorporated in this document and will constitute a part of the agreement between the parties when signed.

TO: ___________________________  DATE: ___________________________

_________________________  Agreement No.  _________________

_________________________

The undersigned CONTRACTOR offers to furnish the following:

Contract price $ ________________
Completion date ________________

Instructions: Sign and return original. Upon acceptance by the DISTRICT, a copy will be signed by its authorized representative and promptly returned to you. Insert below, the names of your authorized representative(s).

Accepted: Marina Coast Water District  CONTRACTOR:

____________________________________

(Business Name)

By ________________________________  By ________________________________
Title ________________________________  Title ________________________________

Other authorized representative(s):

____________________________________

Other authorized representative(s):
CONTRACTOR or supplier (CONTRACTOR), agrees with the DISTRICT that:

a) To the fullest extent permitted by law, CONTRACTOR will defend, indemnify and hold harmless the DISTRICT, its directors, officers, employees, or authorized volunteers from all claims and demands of all persons arising out of the performance of the work or the furnishing of materials; including but not limited to, claims by the CONTRACTOR or CONTRACTOR’s employees for damages to persons or property except for the sole negligence or willful misconduct or active negligence of the DISTRICT, its directors, officers, employees, or authorized volunteers.

b) Contractor acknowledges and understands that the area in and around which the work will be performed has been identified as a possible location of munitions and explosives of concern (“MEC”). All indemnification obligations of Contractor under this Agreement, including those specified in paragraph 1 shall specifically include claims and demands involving, arising out of or related to MEC.

c) By his/her signature hereunder, CONTRACTOR certifies that he/she is aware of the provisions of Section 3700 of the California Labor Code which requires every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that code, and he/she will comply with such provisions before commencing the performance of the work of this agreement. CONTRACTOR and sub-CONTRACTORs will keep workers’ compensation insurance for their employees in effect during all work covered by this agreement.

d) CONTRACTOR will file with the DISTRICT before beginning work, certificates of insurance and policy endorsements satisfactory to the DISTRICT evidencing general liability coverage, of not less than $1,000,000 per occurrence ($2,000,000 general and products-completed operations aggregate (if used)) for bodily injury, personal injury and property damage; auto liability of at least $1,000,000 for bodily injury and property damage each accident limit; workers’ compensation (statutory limits) and employer’s liability ($1,000,000) (if applicable); requiring 30 days (10 days for non-payment of premium) notice of cancellation to the DISTRICT. All insurance maintained by Consultant shall include coverage for services, work in or around MEC, and claims, demands, and injuries related in any way to this Agreement which arise from MEC. The Marina Coast Water District, its officers, directors and employees and any of its authorized representatives and volunteers shall be named as additional insureds under all insurance maintained by Consultant related in any way to work performed by it on behalf of the Marina Coast Water District. Such insurance shall be primary and any insurance, self-insurance or other coverage maintained by the DISTRICT, its directors, officers, employees, or authorized volunteers shall not contribute to it. The general liability coverage shall give the DISTRICT, its directors, officers, employees, and authorized volunteers insured status using ISO endorsement CG2010, CG2033, or equivalent. Coverage is to be placed with a carrier with an A.M. Best rating of no less than A-:VII, or equivalent, or as otherwise approved by the DISTRICT. In the event that the CONTRACTOR employs other CONTRACTORs (sub-CONTRACTORs) as part of the work covered by this agreement, it shall be the CONTRACTOR’s responsibility to require and confirm that each sub-CONTRACTOR meets the minimum insurance requirements specified above.

e) If any of the required coverages expire during the term of this agreement, the CONTRACTOR shall deliver the renewal certificate(s) including the general liability additional insured endorsement to the DISTRICT at least ten (10) days prior to the expiration date.
f) CONTRACTOR shall not accept direction or orders from any person other than the General Manager or the person(s) whose name(s) is (are) inserted on Page 1 as “other authorized representatives.”

g) Payment, unless otherwise specified on Page 1, is to be 30-days after acceptance by the DISTRICT.

h) Permits required by governmental authorities will be obtained at CONTRACTOR’s expense, and CONTRACTOR will comply with local, state and federal regulations and statutes including the Cal/OSHA requirements.

i) Any change in the scope of the work to be done, method of performance, nature of materials or price thereof, or to any other matter materially affecting the performance or nature of the work will not be paid for or accepted unless such change, addition or deletion is approved in advance, in writing by a supplemental agreement executed by the DISTRICT. CONTRACTOR’s “authorized representative(s)” has (have) the authority to execute such written change for CONTRACTOR.