

**NOTICE TO BIDDERS
FOR THE**

**STRUCTURAL REPAIRS, APPLICATION OF 150 MIL THICK POLYURETHANE FOR
INTERNAL LINING OF RESERVOIR 4A, REMOVAL AND REPLACEMENT OF A 7.5
HP PUMP, PIPES, FITTINGS, ELECTRICAL CONDUITS, MOTOR CONTROL
CENTER INSTRUMENTATION AND MISCELLANEOUS WORK FOR UPGRADING
RESERVOIR 4A**

Within the City of BEVERLY HILLS, CALIFORNIA

BIDS - Sealed Proposals for the **structural repairs, application of 150 mil thick polyurethane for internal lining of Reservoir 4A, removal and replacement of a 7.5 HP pump, pipes, fittings electrical conduit, new Motor Control Center (MCC), instrumentation and miscellaneous work for upgrading Reservoir 4A** within the City of Beverly Hills, California, will be received up to the hour of **2:00 p.m. on Tuesday June 5, 2012**, at the office of the City Clerk of said City, located in Room 290 of City Hall at 455 North Rexford Drive, Beverly Hills, California. Bids will be publicly opened at 2:00 p.m. on the above-mentioned date in the office of the City Clerk of said City Hall, and award of the contract will be made during a subsequent meeting of the City Council.

SCOPE OF THE WORK - The work to be done shall consist of furnishing all the required labor, materials, equipment, parts, implements, and supplies necessary for, or appurtenant to, structural and corrosion repair of damaged areas in existing reservoir walls, floor, columns and roof; sandblasting, surface preparation and application of 150 mil thick polyurethane lining to interior surfaces of Reservoir 4A, reservoir disinfection in accordance with AWWA standards, removal and replacement of a 7.5 HP pump, three (3) pipe penetrations, pipeline couplings, fittings, electrical conduit, new Motor Control Center (MCC), instrumentation and miscellaneous work for upgrading Reservoir 4A. All work shall be in accordance with Contract Drawing No.10389 (18 Sheets) and Contract Specifications dated May 2012; prepared by KEC Engineers, Inc.

In general terms, the contract work for this project shall consist of the following items of work:

Bid Item	Description	Estimated Quantity
1	Mobilization and Demobilization	Lump Sum
2	Sand blast, remove and replace corroded steel rebar and spall concrete surface areas located in the interior of the reservoir walls, ceiling, floor, columns and beams per details on the Plans. (Each location to be 6" wide x 2' long x 3" deep: Approx 24 Known Locations).	Each Location

Bid Item	Description	Estimated Quantity
3	Remove and replace existing exposed and buried 8-inch CML & CC (12 GA.) steel pipes inside and outside the reservoir including fittings, pipe supports and couplings as shown on Plans C-1 and C-2	200 L.F.
4	Remove two existing 8-inch valves and replace with two new class 150 Butterfly valves as shown on Plan C-1	2 Each
5	Remove the tail end of two existing exposed 12-inch inlet/outlet pipelines inside the reservoir and replace with two 12-inch schedule 80 epoxy lined and coated steel pipes including fittings, pipe supports, Victaulic couplings, and 2-inch steel pump suction lines per details on Plan C-2	Lump Sum
6	Sand blast the interior surface of the concrete reservoir including concrete columns and beams in accordance with CSP 5 roughness	60,000 S.F.
7	Dehumidify the interior of the reservoir per contract specifications and recommendations of the coating manufacturer (Section 09808-3.5.I)	Lump Sum
8	Thoroughly clean and vacuum the interior of the reservoir and apply primer coat per contract specifications (Section 09808-3.5)	Lump Sum
9	Apply sealant and primer coating in cracks and joints as recommended by the coating manufacturer	Lump Sum
10	Apply SIKAFIX HHLV in cracks at exposed exterior reservoir walls. See sheet S-4 of the structural plans for location of the exterior cracks	Lump Sum
11	Apply 150 mill thick polyurethane liner over the entire interior surface of the reservoir per contract specifications and manufacturer recommendations (Section 09808)	60,000 Square Feet

Bid Item	Description	Estimated Quantity
12	Provide safety and workers protection per OSHA requirements and provide access for the manufacturer and City Inspector to inspect the work during the construction period	Lump Sum
13	Remove and reconstruct existing retaining wall and drainage system per Plans	Lump Sum
14	Remove and replace existing roof hatches with new aluminum roof hatches including Ladderup Safety Post at Reservoir 4A Plan C-1 drawing	2 Each
15	Remove and replace existing vault access door with new aluminum access door including Ladderup Safety Post per Plan C-2	1 Each
16	Remove/replace and/or install new pump, pipes, three new electric actuators, fittings and miscellaneous work inside the vault in accordance with Plan C-2 and contract specifications	Lump Sum
17	Reservoir and pipeline testing and disinfection per Section 017410 of the contract Specifications and AWWA Standards	Lump Sum
18	Provide and install Electrical Motor Control Center and Panel Board including spare sections for Pump Control, RTU and TVSS, per Electrical plans (E-1 thru E-5) and contract Specifications (Sections 260500 through 264313)	Lump Sum
19	Provide and install light fixtures per Electrical Plans (E-1 thru E-5) and contract Specifications (Section 265000)	Lump Sum

Bid Item	Description	Estimated Quantity
20	Provide and install electrical and signal conduits, wires, grounding, and miscellaneous work per Electrical Plans (E-1 thru E-5) and contract Specifications (Section 260534)	Lump Sum
21	Provide and install 6" diameter, 9 foot long, epoxy lined and coated, 14 gauge steel vent pipe including an inline Fantech fan Model FR150, one Dayton thermostat, and dehumidstat Model # 1UHG9	Lump Sum
22	Provide and install a disconnect switch per contract Specifications (Section 260590)	Lump Sum
23	Provide and install 2-inch bronze Watts Ball Valve with actuator (Model EMVII-6400-SS) per C-2 Plan	Lump Sum
24	Provide and install 2 ½-inch bronze Watts Ball Valve with actuator (Model EMVII-6400-SS) per C-2 Plan	2 Each
25	Provide and install 2- inch bronze Watts Ball Valve with threaded male bronze cam lock fitting at the end per Plan C-2	1 Each
26	Provide and install instrumentation and control, including all level transmitters, intrusion switches, and PLC components per P &ID (Sheet 1 thru 3) Plans and contract Specifications (Section 405000)	Lump sum
27	\$25,000 budget allowance for spare parts to be requested by the City. A maximum 10% mark-up will be allowed on any spare parts ordered by the City and paid for by the Contractor	\$25,000

Copies of the Plans, Specifications, and Proposal Form may be inspected and obtained at the office of the City Engineer, 345 N. Foothill Drive, Beverly Hills, California. There is no charge or deposit required for this material; therefore, they are not to be returned to the City for refund. Each bidder shall furnish the City the name, address, and telephone number of the firm requesting specifications.

References in the Project Specifications to specific sections of the Standard Specifications refer to the book "Green Book Standard Specifications for Public Works Construction, 2012 Edition", written by a Joint Cooperative Committee of the Southern California Chapter of the American Public Works Association and Southern California District of the Associated General Contractors of California. Contractors wishing to obtain this book may purchase copies directly from the publisher, Building News, Inc., 1612 South Clementine Street, Anaheim, California 92802.

Without limiting the general aspects of other requirements of specifications, the work shall conform to the applicable requirements of the American Concrete Institute (ACI), American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), American Society of Testing and Materials (ASTM), American Welding Society (AWS), American Water Works Association (AWWA), manufacturer printed instructions, and applicable requirements of the City of Beverly Hills.

LIQUIDATED DAMAGES – There will be a one thousand dollar (\$1,000) assessment for each calendar day that work remains incomplete beyond the time stated in the proposal form. Refer to the proposal form for specific details.

PREVAILING WAGES – In accordance with the provisions of Section 1770 et seq, of the Labor Code, the Director of Industrial Relations of the State of California has determined the general prevailing rate of wages applicable to the work to be done. The Contractor will be required to pay to all workers employed on the project sums not less than the sums set forth in the documents entitled "General Prevailing Wage Determination made by the Director of Industrial Relations pursuant to California Labor Code, Part 7, Chapter 1, Article 2, Sections 1770, 1773, 1773.1"

A copy of said documents is on file and may be inspected in the office of the City Engineer, located at 345 Foothill Rd., Beverly Hills, California 90210.

Attention is directed to the provisions of Sections 1777.5 and 1777.6 of the Labor Code concerning the employment of apprentices by the Contractor or any subcontractor under him. The Contractor and any subcontractor under him shall comply with the requirements of said sections in the employment of apprentices.

Information relative to apprenticeship standards and administration of the apprenticeship program may be obtained from the Director of Industrial Relations, San Francisco, California or from the Division of Apprenticeship Standards and its branch offices.

PAYROLL RECORDS - The Contractor's attention is directed to Section 1776 of the Labor Code, relating to accurate payroll records, which imposes responsibility upon the Contractor for the maintenance, certification, and availability for inspection of such records for all persons employed by the Contractor or by the subcontractors in connection with the project. The Contractor shall agree through the Contract to comply with this section and the remaining provisions of the Labor Code.

INSURANCE AND BOND REQUIREMENTS - The Contractor shall provide insurance in accordance with Section 3-13 of the City of Beverly Hills, Public Works Department, Standard Contractual Requirements, included as part of these Specifications. In addition, the Contractor shall guarantee all work against defective workmanship and materials furnished by the Contractor for a period of one (1) year from the date the work was completed in accordance with Section 2-11 of the Standard Contractual Requirements. The Contractor's sureties for the "Performance Bond" shall be liable for any work that the Contractor fails to replace within a specified time.

GENERAL INSTRUCTIONS - Bids must be submitted on the Proposal Form prepared for this project and shall be delivered at the office of the City Clerk within a sealed envelope supplied by the City and marked on the outside as follows: "PROPOSAL FOR THE STRUCTURAL REPAIRS, APPLICATION OF 150 MIL THICK POLYURETHANE FOR INTERNAL LINING OF RESERVOIR 4A, REMOVAL AND REPLACEMENT OF A 7.5 HP PUMP, PIPES, FITTINGS, ELECTRICAL CONDUITS, MOTOR CONTROL CENTER INSTRUMENTATION AND MISCELLANEOUS WORK FOR UPGRADING RESERVOIR 4A WITHIN THE CITY OF BEVERLY HILLS, CALIFORNIA".

THE CITY RESERVES THE RIGHT TO REJECT ANY BID OR ALL THE BIDS AND TO WAIVE ANY INFORMALITY OR IRREGULARITY IN ANY BID, BUT IF THE BIDS ARE ACCEPTED, THE CONTRACT FOR THE IMPROVEMENT WILL BE LET TO THE LOWEST RESPONSIBLE BIDDER FOR THE PROJECT AS A WHOLE.