CITY OF HAWTHORNE

NOTICE INVITING BIDS

(A Cash Contract)

Sealed proposals will be received by the City Clerk of the City of Hawthorne, California at his office in the City Hall, 4455 West 126th Street, Hawthorne, CA, until **4:00 p.m.** on **February 11, 2014.** Proposals will be publicly opened and recorded on a Bid List at 4:30 p.m. on the same day in the City Clerk's office. Bidders, as well as the general public, are invited to view this proceeding. Proposals will be read at a meeting of the City Council at **6:00 p.m.** on **February 11, 2014** for the following:

CENTRAL PLANT RETROFIT AND UPGRADE OF AUTOMATION SYSTEM AT CITY HALL BUILDING *(Project #14-02)*

SCOPE OF WORK-

This project will retrofit existing air cooled chillers and associated central plant equipment to improve energy efficiency and to provide reliable comfort cooling and heating to the City Hall building. Project involves: Complete dismantling and removal of four existing reciprocating compressors and related piping and components, Installation of two 60-Ton high efficiency variable speed and oil-less compressors with all new piping and controls, Installation of a new nonproprietary digital control automation system, Replacement of hot and chilled water coils in compliance with the Specifications and contract documents.

ESTIMATED QUANTITIES

	DESCRIPTION	UNIT	APPROX QTY
1	Replace four (4) existing reciprocating compressors on the Carrier air-cooled chiller with two (2) 60-ton high efficiency, variable speed, oil-less, magnetic bearing compressors and all associated piping and controls modifications necessary to operate multiple compressors in full compliance with the Scope of Work of Technical Provisions Section one and new mechanical plans.	LUMP SUM	1
2	Provide and install new non-proprietary, open protocol native BacNet Direct Digital Control (DDC) system to control all components of HVAC central plant including chiller, boiler, pumps and air handlers. Includes new electronic control valves and damper actuators at approximately 215 control and monitoring points. All work shall be in full compliance with the Scope of Work of Technical provisions Section Two.	LUMP SUM	1

3	Replace chilled water and hot water coils on Air Handlers AC-1, AC-2, AC-3 and MZ-1 including coil coating and stainless steel drain pans in full compliance with the Scope of Work of Technical Provisions, Section one and new mechanical plans.	LUMP SUM	1
4	Existing chilled and hot water pump and motor assemblies shall be replaced with new pump and motor assemblies including integral VFDs to match existing or better with all appurtenances and incidentals complete in place in full compliance with the Scope of Work of Technical Provisions Section one and new mechanical plans.	LUMP SUM	1
5	Provide Mechanical Plans to include above retrofit work items and in compliance with this Specifications prepared by a licensed Mechanical Engineer. Plans shall include general and construction notes describing accepted methods of installations and provide calculations detailing energy reduction with written methodology of providing measurement and verification of electrical energy being consumed by the central plant. Plans shall be submitted to the City for plan check and approval in order to obtain the mechanical permit.	LUMP SUM	1

CLASSIFICATION OF CONTRACTORS

Contractors bidding this project must possess a valid State of California Mechanical C20, or General A as the prime Contractor's License and possess a C10 Electrical license for the building automation system.

MANDATORY PRE-BID JOB WALK

A pre-bid site inspection and equipment survey will be conducted at the Hawthorne City hall **located at 4455 W. 126th Street Hawthorne, CA 90250, on TUESDAY, February 4, 2014 at 10:00 A.M.** BIDS WILL BE NULL AND VOID IF CONTRACTOR DOES NOT ATTEND THIS PRE-BID WALK.

SUBMISSION OF PROPOSALS

Proposals must be submitted on the blank forms prepared and furnished for that purpose, which may be obtained at the office of the Hawthorne City Engineer. Bidders may also obtain copies of

the existing as-built plans for the contemplated work. *(See "**NOTE**"* under *Project Information* section.*)*

No bid will be considered unless it conforms to the Proposal Requirements and Conditions. The City Council of the City of Hawthorne, also referred to as the City, reserves the right to reject any and all proposals. Bids must be returned in the special envelopes provided, marked "SEALED BIDS", and addressed to the City Clerk.

Each proposal shall be accompanied by one of the following forms of bidder's security: cash, cashier's check, certified check, or bidder's bond, equal to ten percent (10%) of the bid price.

A list of subcontractors shall be submitted with the bid on the form provided by the City.

FAITHFUL BOND REQUIREMENT- The bidder to whom the contract is awarded (Contractor) shall execute the contract and furnish a surety bond in the amount of 100% of the contract price guaranteeing the faithful performance of the contract.

NONDISCRIMINATION

In performance of the terms of this contract, the Contractor shall not engage in, nor permit such subcontractors as he may employ from engaging in discrimination in employment of persons because of race, color, place of nation origin or ancestry, sex, age or religion of such persons.

PERFORMANCE RETENTIONS

The successful bidder will be required to provide for performance security as provided by law. Requirements for performance retentions may be satisfied by deposit or securities specified in Section 16430 of the Government Code and in accordance with Section 22300 of the Public Contract Code.

WAGES AND EQUAL EMPLOYMENT OPPORTUNITIES

This proposed Contract is under and subject to Executive Order 11246, as amended, of September 24, 1965, and to the Equal Employment Opportunity (EEO) and Federal Labor Provisions. The EEO requirements, labor provisions, and wage rates are included in the Specifications and Bid documents and are available for inspection at the City Clerk's Office, City Hall, City of Hawthorne.

NOTICE IS FURTHER GIVEN that pursuant to the provisions of Section 1773 of the Labor Code of the State of California, the City Council has obtained the general federal prevailing rate of per diem wages in accordance with the law to be paid for the construction of the above entitled Works and Improvements and General Prevailing rate for holiday and overtime work in this locality for each craft. The schedule has been obtained from the U.S. Department for Housing and Urban Development for Community Block Grant Programs of the type and nature proposed by the City, and reference is hereby made to copies thereof on file in the Office of the City

Engineer, which said copies are available to any interested party upon request. Further, a copy shall be posted at the job site during the course of construction. All Contractors submitting bids must conform to current federal minimum prevailing wages.

In addition to the Contractor's obligations as to minimum wages rates, the Contractor shall abide by all other provisions and requirements stipulated in Sections 1770-1780, inclusive, of the Labor Code of the State of California, including, but not limited to, those dealing with the employment of registered apprentices. The responsibility of compliance with Section 1777.5 of the Labor Code shall be with the prime contractor.

PROJECT INFORMATION

Specifications and existing as-built plans are available for purchase at Hawthorne City Hall, Department of Public Works, Engineering Division (second floor), located at: 4455 West 126th Street, Hawthorne, CA 90250, (310) 349-2980.

NOTE TO PROSPECTIVE BIDDERS: THE COST OF SPECIFICATIONS AND EXISTING AS-BUILT PLANS IS $35.00 (non-refundable). AN ADDITIONAL $25.00 WILL BE CHARGED IF MAILING IS NECESSARY, OR $50.00 IF FEDERAL EXPRESS MAILING OPTION IS REQUIRED. *(There will be no fee required for mailing if prospective bidder prefers to have plans and specifications sent and billed via Bidder's FED'EX account number.)*

If you have any questions regarding this project, please contact **Akbar Farokhi**, Senior Engineer, Department of Public Works, at telephone number **(310) 349-2983, 2980**.