

Agenda Report

November 19, 2001

To: City Council

From: City Manager

Subject: **Authorization to Enter into a Contract with CDM Engineers & Constructors Inc. for a "Supervisory Control and Data Acquisition" (SCADA) system project to expand the Water & Power Department's Power SCADA system capabilities.**

RECOMMENDATION:

It is recommended that the City Council authorize the General Manager to enter into a contract without competitive bidding pursuant to City Charter Subsection 1002(f), professional or unique services, with CDM Engineers & Constructors Inc. ("CDM") for an amount not to exceed \$1,855,588.

BACKGROUND:

Pasadena Water & Power Department has an ongoing program to upgrade its Power SCADA system, which is used to monitor and control critical components of the power distribution system. The upgrade requirements are numerous and include: Replacement of old and failing equipment critical to the operation of Pasadena's generation and distribution system; provisions for increased remote control capabilities for power restoration in the face of increased power outage scenarios; an increased level of data acquisition for improved system and power outage management; preparation for interface and integration with other Citywide systems being planned and implemented such as GIS.

A Request For Proposals (RFP) was issued seeking the services of a SCADA Integration firm that would be responsible for all aspects of engineering, procurement, installation, configuration and commissioning of the required system.

The RFP was distributed to ten prospective bidders. Three bids were received and opened in the City Clerk's office on September 13, 2000; however, the project was delayed until funds were appropriated in the FY2002 budget. All bidders have submitted a bid price guarantee extension.

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Selection Process:

While the proposed contract is exempt from competitive bidding pursuant to Subsection 1002(f) of the City Charter, Professional or Unique Services, a competitive selection process was utilized based on the proposal evaluation criteria included in the RFP. These criteria and the results are summarized in Table I. Additional details of the evaluation may be found in Attachment 1, a report entitled "SCADA System Expansion Project Evaluation Report." The final outcome of the evaluation is as follows:

<u>Bidder</u>	<u>Bid Price</u>	<u>Evaluation Grade</u>
CDM	\$1,686,898.00	93
Real Enterprise Solutions	\$1,565,372.00	81
G.E. Harris	\$1,914,322.00	Non-Compliant

CDM received the highest overall evaluation grade and is recommended to receive the contract award. The proposed contract award includes the bid price, which includes sales taxes, and a contingency of 10% to accommodate any necessary change orders.

Base Bid	\$1,686,898.00
<u>10% Contingency</u>	<u>\$168,689.80</u>
Contract Price	\$1,855,587.80

CDM has completed the required affirmative action forms. The proposed contract complies with the Affirmative Action in Contracting Ordinance, P.M.C.4.09, and the Rules and Regulations promulgated thereunder.

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Table I
SCADA Expansion Scoring Matrix

			CDM	Real Enterprise Solutions	GE-Harris
Item	Criteria	Weight	Grades	Grades	Grades
1	Ability of vendor to satisfy functional requirements and other objectives. Focus is on integration with existing system, product flexibility and customization. Ability to perform in quality manner.	40%	40	34	*
2	Installation scheduling and anticipated level of flexibility for coordination with City electrical operations.	15%	15	15	*
3	Anticipated level, timeliness and quality of vendor's support during and after planning and implementation.	5%	5	3	*
4	Favorable assessment, by other clients with similar needs, of the vendor's proposed products and services. Experience with local Government and other Governmental Users of similar type and complexity as the City of Pasadena.	15%	15	10	*
5	Vendor's general business stability and capacity including such factors as organization site, financial position, time in business. References and Qualifications based upon professional and practical experience.	5%	5	4	*
6	Total system cost, including costs of vendor's products and services, system software purchase and maintenance cost, hardware purchase and maintenance cost, installation costs, and cost to the City for resources required to support installation and operation of the system. Payment schedule in accordance with RFP requirements.	10%	8	10	*
7	Evaluation of proposer's adherence to the principals of Affirmative Action/Equal Employment Opportunity as evidenced on proposer's AA-1 and AA-2 forms.	5%	5	5	*
8	Local Pasadena Business receive a 5% preference. The proposer will receive a 2.5 % preference if the Vendor is not local but one or more local subcontractors are hired.	5%	0	0	*
9	Total Grade	100	93	81	*

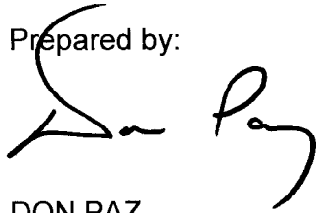
* Non-Compliant Proposal (See Evaluation Summary)

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FISCAL IMPACT

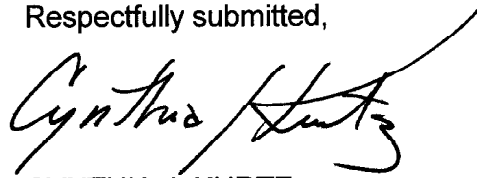
Funds for this project have been budgeted in FY 2002 Capital Improvement Program, Budget Number 3073, "Supervisory Control and Data Acquisition System Expansion."

Prepared by:



DON PAZ
Principal Engineer

Respectfully submitted,



CYNTHIA J. KURTZ
City Manager

Recommended by:

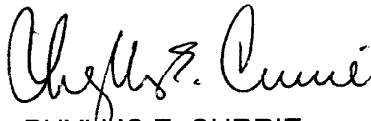


ERIC R. KLINKNER
Director, Power Supply



JAY PANZICA
Director, Finance Business Unit

Approved by:



PHYLLIS E. CURRIE
General Manager