



APPROVED
BY THE CITY COUNCIL

OCT 25 1994

OFFICE OF THE
CITY CLERK
AG94-150

1.13

DEPARTMENT OF
UTILITIES
ENGINEERING SERVICES

CITY OF SACRAMENTO
CALIFORNIA

5770 FREEPORT BLVD.
SUITE 100
SACRAMENTO, CA
95822-2911

PH 916-433-6318
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October 18, 1994

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: APPROVAL OF CONSULTANT SERVICES AGREEMENT WITH BORCALLI & ASSOCIATES, INC. IN THE AMOUNT OF \$112,378 FOR DESIGN OF SUMP 157 REHABILITATION (PN:WF11)

LOCATION AND COUNCIL DISTRICT:

The Sump 157 Rehabilitation project is located on the east bank of the Natomas East Main Drainage Canal just south of Interstate 80 (see Exhibit 1 of this report). (District 2)

RECOMMENDATION:

Staff recommends that the City Council approve a consultant services agreement in the amount of \$112,378 with Borcalli & Associates, Inc. and authorize the City Manager and City Clerk to execute the agreement by adopting the attached resolution.

CONTACT PERSON: Gary E Gosse, Supervising Engineer, 433-6611

FOR COUNCIL MEETING OF: October 25, 1994

SUMMARY:

A consultant services agreement with Borcalli & Associates, Inc. for a not-to-exceed amount of \$112,378 has been negotiated. The scope of the agreement for the Sump 157 Rehabilitation project provides for engineering services to evaluate alternatives to eliminate or reduce localized flooding, and then to design and prepare plans, and a cost estimate for channel lining and sump rehabilitation work based on the chosen alternative. Additionally, the engineering services will include design, fabrication and installation of flow guidance equipment for the Sump 157 pump station proper. Authorization for the City Manager and City Clerk to execute the agreement is recommended.

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COMMITTEE/COMMISSION ACTION:

Not applicable.

BACKGROUND INFORMATION:

The forebay and 1,750 feet of approach channel to the Sump 157 drainage pump station are unlined. With constant flows from Magpie Creek Drain into the forebay and approach channel, mud, silt and debris accumulate in the forebay proper adversely affecting pump operation and discharge water quality. Sediment and debris removal equipment is ineffective because of the inadequate traction and bearing capacity of the saturated soils in the unlined earthen channel. Additionally, standing water accumulating from summer flows cannot be drained from the forebay area with the existing pumps, which are designed to work efficiently only during higher winter flows. During winter storms when inflow into the forebay of Sump 157 causes water levels to rise, localized flooding occurs around nearby Pell Circle from the low elevation of discharge pipes off the north and east reaches of Magpie Creek Drain.

To remedy these problems, the proposed project calls for concrete lining of the approach channels and forebay, installing a permanent low flow pump and enhancing operation of the pumps in the existing pump station by installing flow guidance equipment. Alternatives to eliminate or reduce the localized flooding will be evaluated and the selected alternative will be incorporated in the project's construction plans. Installation of 2,200 feet of water main and a fire hydrant will be included for fire protection of the pump station. The main extension will also loop the City's distribution system between the intersection of Morrison and Western Avenues on the south and Pell Drive to the north.

The consultant services agreement with Borcalli & Associates is for evaluation of alternatives to eliminate flooding, design and preparation of plans and cost estimate for construction of the channel lining, a low flow sump, flood control alternatives and an 8 or 12-inch water main, and for design, fabrication and installation of flow guidance equipment. An agreement for a not-to-exceed amount of \$112,378 has been negotiated with Borcalli & Associates for this project.

ENVIRONMENTAL DETERMINATION:

An environmental determination is not applicable to this specific agreement. The environmental document for the construction of the channel lining and other improvements to the Sump 157 drainage pump station is expected to be a Negative Declaration.

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FINANCIAL CONSIDERATIONS:

Funding for this consultant services agreement is available in the Storm Drainage Capital Improvement Program (425-500-WF11). As of October 13, 1994, the unobligated balance in the project was \$1,156,686. The agreement with Borcalli & Associates, Inc. is in the amount of \$112,378.

POLICY CONSIDERATIONS:

The firm of Borcalli & Associates, Inc. was selected, along with other engineering firms, to provide consultant services for the Utility Department through an RFQ process in accordance with City Council authorized procedures. They were subsequently selected from a short list of qualified consultants as the design consultant for the Sump 157 Rehabilitation project.

MBE/WBE EFFORTS:

Borcalli & Associates, Inc. has attempted to meet the City's goals for MBE/WBE participation by using of the following subconsultants:

1. Minority Owned Business Enterprise (MBE)
España Geotechnical Consulting 4.81 %

2. Woman Owned Business Enterprise (WBE)
Metalair Ironworks, Inc 35.47 %

The City certified minority owned business participation in this contract is 4.81% of the contract amount. The participation of a woman owned business represents 35.47% of the contract amount, exceeding the City's stated goal of 9.5%. While the MBE participation in this agreement is less than the City's goal of 10.5%, staff believes the effort Borcalli & Associate, Inc. made to include MBE firms in the specialized fields involved meet good faith efforts.

Borcalli & Associates, Inc. used good faith guidelines similar to those for Contractor Agreements to evaluate and select MBE/WBE firms. Borcalli & Associates, Inc. evaluated each task associated with the Agreement for opportunities to subcontract elements of the project to MBE/WBE firms certified in the most recent listings with the City. All tasks presenting an opportunity for MBE/WBE participation are being performed by City certified MBE/WBE subconsultants.

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In selecting the consultants for the short list to complete Utility Department Capital Improvement Projects, consultants were required to indicate their ability to meet established percentages of M/WBE participation. Consultants showing relationships with City certified subconsultants that would allow adequate participation were given additional point credit in scores used for determining selection to the short list.

Borcalli & Associates, Inc., though not a minority or woman owned business, is providing a high level of WBE participation. This high participation by a WBE firm will help the Utility Department obtain overall compliance with WBE goals. Rather than reduce the WBE participation on this contract to obtain the MBE participation goal, staff recommends, and Office of Minority, Women and Small Business concurs, that other consultants on the short list, who submit proposals on subsequent projects, be encouraged to obtain the highest possible MBE participation to enable the Utility Department to meet the overall MBE participation goal.

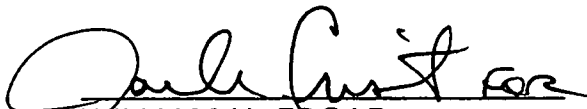
Respectfully submitted,



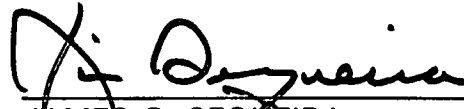
Gary A. Reents
Acting Engineering Services Manager

RECOMMENDATION APPROVED:

APPROVED



WILLIAM H. EDGAR
City Manager



JAMES G. SEQUEIRA
Director of Utilities

APPROVED
BY THE CITY COUNCIL

JUN 25 1994

RESOLUTION NO. 94-62B

ADOPTED BY THE SACRAMENTO CITY COUNCIL

OFFICE OF THE
CITY CLERK
AG 94-150

ON DATE OF _____

RESOLUTION AUTHORIZING THE CITY MANAGER AND CITY CLERK TO EXECUTE AN AGREEMENT WITH BORCALLI & ASSOCIATES, INC. TO PROVIDE ENGINEERING SERVICES FOR THE DESIGN OF SUMP 157 REHABILITATION (PN:WF11)

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO:

That the City Manager and City Clerk are hereby authorized to execute an agreement for a not-to-exceed amount of \$112,378 with Borcalli & Associates, Inc. to provide engineering services for the detail design and preparation of plans, specifications, and cost estimate for Sump 157 Rehabilitation.

MAYOR

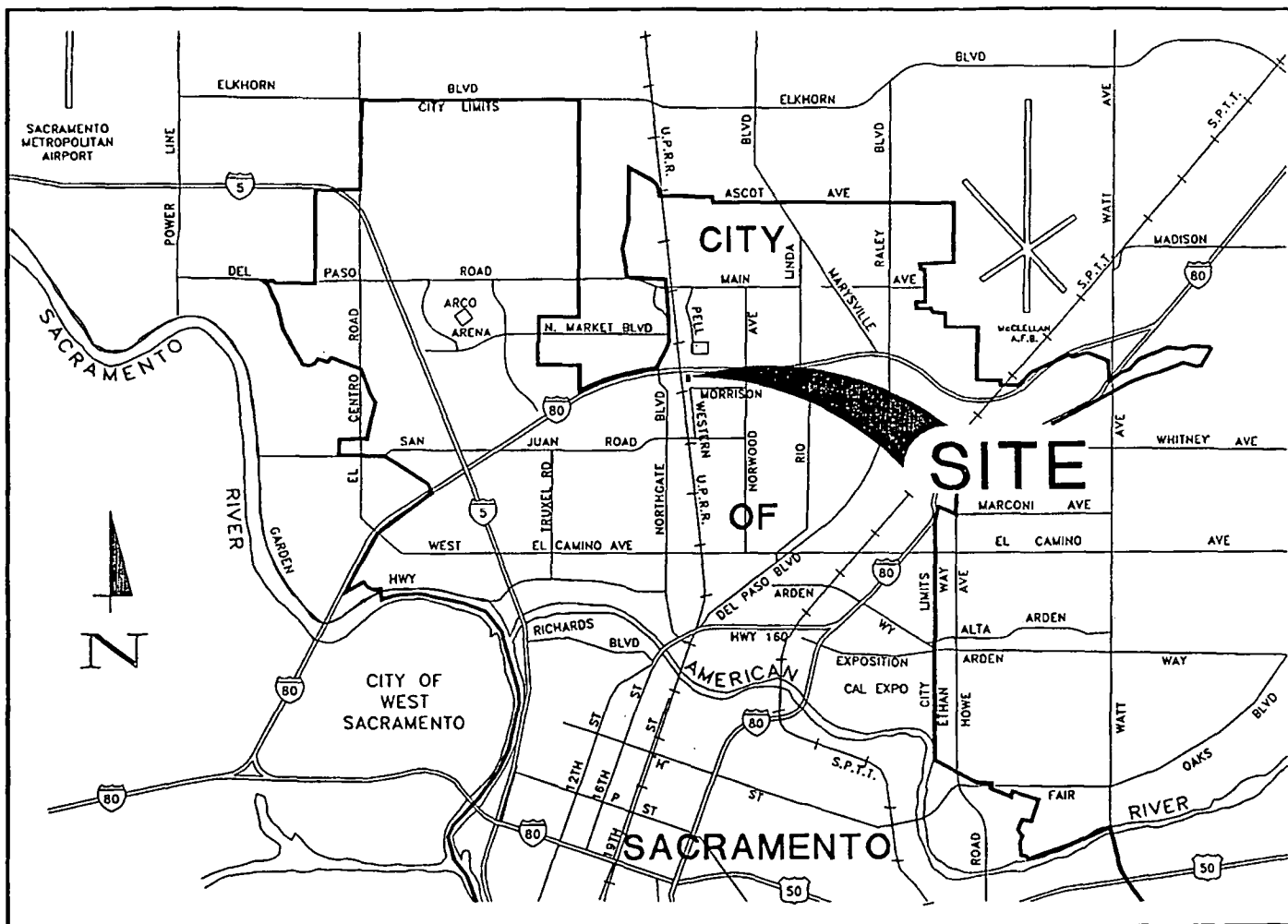
ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO. _____

DATE ADOPTED: _____



VICINITY MAP
NO SCALE

SUMP 157
REHABILITATION
PN:WF11



94-159

OFFICE OF THE
CITY CLERK

VALERIE A. BURROWES, CMC/AAE
CITY CLERK

SPECIALIZED SERVICES

CITY OF SACRAMENTO
CALIFORNIA

CITY HALL
ROOM 303
915 I STREET
SACRAMENTO, CA
95814-2671

PH 916-264-7200
FAX 916-264-7672

November 3, 1994

Borcalli & Associates
4620 Northgate Boulevard, Suite 120
Sacramento, CA 95834

Dear Gentlemen:

On October 25, 1994, the Sacramento City Council adopted Resolution No. 94-628 authorizing the execution of Agreement No. 94-150 for consultant and professional services for the Sump 157 Rehabilitation Project.

Enclosed, for your records, is one fully certified copy of said agreement and authorizing resolution.

Sincerely,

Valerie A. Burrowes
City Clerk

jb/1.13

Enclosures

cc: Utilities Department
Risk Management