



Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: Katy Allen

SUBJECT: SEE BELOW

DATE: 05-22-06

Approved

Deanna Satra

Date

5/26/06

COUNCIL DISTRICT: City-Wide

SUBJECT: MASTER AGREEMENT FOR CONSULTANT SERVICES WITH A-N WEST CONSULTING ENGINEERS FOR HYDRAULIC ANALYSIS AND PUMP STATION REHABILITATION

RECOMMENDATION

Approval of a consultant master agreement with A-N West Consulting Engineers, for consultant services including engineering services for the rehabilitation of storm pump stations and an analysis of North San Jose sub-watershed areas, for the period June 24, 2006 through December 31, 2010, in a total amount not to exceed \$200,000.
CEQA: Not a project.

OUTCOME

Approval of this master agreement with A-N West Consulting Engineers (A-N West) will enable staff to utilize key personnel and computer modeling technology from A-N West to assist with the hydraulic analysis and design efforts for the north San Jose storm drainage systems, including pump station renovations. The first outcome will be the modification of the Rincon I Pump Station inlet structure.

BACKGROUND

The City desires to modify the inlet structure of the Rincon I Pump Station and to finalize the analysis of the Rincon II Pump Station outfall into the Guadalupe River.

In addition, a hydrologic study of the North San José sub-watershed may be needed to determine possible effects of the proposed North San Jose intensification program upon the existing storm drainage system. A-N West designed the Rincon II Pump Station and completed the initial storm

drainage master plan for Rincon De Los Esteros area in the North San José prior to the initiation of the North San Jose intensification strategy.

ANALYSIS

In January 2006, the Department of Public Works issued a formal Request for Qualifications (RFQ) for various engineering services, including hydraulic analyses of targeted City sub-watersheds and miscellaneous storm drainage improvements. A multi-departmental panel evaluated the qualifications of the three consulting engineering firms which responded to the RFQ and their performance in structured interviews. Evaluations were based on the following selection criteria:

- The level of quality provided by the technology and methodology proposed;
- The necessary qualifications, experience, organization, technical and managerial staff, and equipment and facilities to carry out the work;
- Prior experience on related or similar projects and the accessibility/availability of the individuals working on this project;
- Ability to complete the work within a proposed time schedule.
- Consideration of the firm's standing as a local firm and small business

Based on the expertise and knowledge base of the consultants, the panelists assigned each firm a portion of the engineering services specified by the master agreement.

Staff proposes to retain A-N West for an analysis and a design of improvements to the Rincon-I Storm Drain Pump Station inlet structure and an analysis of the hydraulics of the North San José storm drainage system. The following additional criteria were used in selecting this consultant:

- Familiarity with the hydraulics and drainage issues in the North San José area;
- Preparation of a master plan for Rincon De Los Esteros area in the North San José;
- Design of Rincon-II Storm Drainage Pump Station in Rincon De Los Esteros area;
- Working relations with the regulatory agencies that have jurisdiction in North San José area;
- A demonstrated understanding of each item proposed.

This master agreement will be administered with individual service orders for specialty engineering work that cannot be accomplished by Public Works staff. Each service order will specify the scope of services that A-N West must perform and the compensation to which it would be entitled upon delivery of all specified services. The sum of all service orders may not exceed \$200,000.

ALTERNATIVES

The Department of Public Works explored the in-house contracting alternative and determined that City staff does not have the required expertise and experience in hydrologic and hydraulic engineering and computer modeling to analyze the storm drain system and to design the needed storm pump station renovation or rehabilitations. It is necessary to retain this specialized consultant to perform these services.

Public Works staff will gain experience by working in cooperation with this specialized consultant effort and will construct any capital improvements that result from this pump station and system evaluation. This type of focused hydraulic evaluation does not warrant the addition of permanent staffing in the Storm Engineering Section at this time due to the lack of sustaining workload throughout the year and throughout the 5-year CIP, and due to the modest size of the Storm Capital Budget.

PUBLIC OUTREACH

The Request for Qualification Submittals was listed on the City Internet bid line and advertised in the *San José Post Record*.

COORDINATION

This agreement and memorandum were coordinated with the Departments of Transportation and Planning, Building and Code Enforcement, the City Attorney's Office and the City Manager's Budget Office. This agreement has also been coordinated with the City's Contracting-in Committee.

COST IMPLICATIONS

1. AMOUNT OF RECOMMENDATION: \$200,000

2. COST OF AGREEMENT:

Consultant Basic Services	\$200,000
Consultant Additional Services	<u>10,000</u>
TOTAL	\$210,000

3. SOURCE OF FUNDING: 469 - Storm Sewer Capital Fund

4. **FISCAL IMPACT:** This project is consistent with the Council-approved Budget Strategy Economic Recovery section in that it will spur construction spending in our local economy. The proposed operating and maintenance costs of this project have been reviewed, and it has been determined that the project will have no significant adverse impact on the General Fund operating budget.

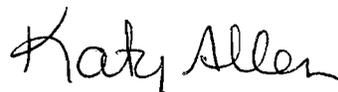
BUDGET REFERENCE

Fund #	Appn #	Appn. Name	RC #	Total Appn.	Amt. for Contract	2005-2006 Adopted Budget (Page)	Last Budget Action (Date, Ord. No.)
469	5150	Storm Pump Station Rehab & Replacements	TBD	\$647,000	See below*	Capital V-216	10/18/05, 27580
469	4483	Minor Neighborhood Storm Drain Improvements	TBD	\$900,000	See below*	Capital V-212	N/A

* Expenditures and encumbrances will be charged to capital appropriation identified upon issuance of service orders under this Master Agreement.

CEQA

CEQA: Not a project.



KATY ALLEN
Director, Public Works Department

For questions please contact TIMM BORDEN, DEPUTY DIRECTOR, at 408-535-8300.

MO:MLM:hla

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