



CITY OF LONG BEACH

DEPARTMENT OF PUBLIC WORKS

333 West Ocean Boulevard • Long Beach, CA 90802 • (562) 570-6383 • FAX (562) 570-6012

July 1, 2003

HONORABLE MAYOR AND CITY COUNCIL

City of Long Beach

California

SUBJECT: Agreement With Lim & Nascimento Engineering Corporation, Doing Business as LAN Engineering, for a Storm Drain Assessment Study, Master Plan and GIS-Based Management Program (Citywide)

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DISCUSSION

Engineering services of a specialized nature are needed to investigate the condition and capacity of existing storm drains and pump stations throughout the City to update a 1991 report. The 1991 study only looked at capacity deficiencies (i.e., where flooding is occurring due to lack of or undersized drains); it did not assess the condition of the drains. In order to better plan for future budgetary needs, staff needs to know if the storm drains are reaching the end of their useful life and what the cost will be to repair or replace them. Recommending the construction of additional storm drains should not take precedence over maintaining the existing storm drain facilities, especially if the existing ones cannot support additions. This study will do a facility condition assessment on the existing storm drains, as well as identify where additional drains need to be constructed.

Los Angeles County Flood Control District has a policy that states the County will take ownership of storm drains from cities including the associated liability and maintenance, if the drain meets certain conditions (these are generally referred to as transfer drains). A transfer drain must be inspected and be in a reasonable state of repair, and be sufficiently large enough to provide the minimum flood protection level dictated by County standards. Long Beach has never pursued this option due to lack of condition information and drains that did not meet the minimum flood protection levels. About four years ago, the County changed the way the flood protection level is determined and staff believes that some of Long Beach's drains may now qualify to be transferred. This study will determine for the City, which drains may qualify for transfer based on current condition and flood protection.

In addition to the above, staff is considering the possibility of implementing a storm drain fee that would assess any new development in which construction would result in increased storm water runoff resulting in the need for the construction of additional storm drains or the enlargement of existing drains. This fee could help the City fund needed additional storm drains, but requires an updated needs study on which to base the fee. This study will also accomplish that.

LAN Engineering Corporation was selected to perform this study by a technical evaluation committee made up of representatives from the Public Works Department and the Water

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Department through a competitive Request for Proposals (RFP) process in accordance with Administrative Regulation 8-4, "Selecting Professional Consultants." The RFP was distributed via the City's website and trade publications. LAN Engineering Corporation is recommended due to their expertise in the areas described above. A list of the consultant team, which LAN Engineering will lead, is attached. It is recommended that a two-year contract be issued with LAN Engineering for an amount not to exceed \$460,000 for necessary services.

This matter was reviewed by Deputy City Attorney Donna F. Gwin on April 1, 2003 and Budget Manager Michael Killebrew on June 16, 2003.

TIMING CONSIDERATIONS

City Council action on this matter on July 1, 2003, will authorize commencement of this Public Works project.

FISCAL IMPACT

The agreement will be for an amount not to exceed \$460,000. Sufficient funds to support this activity are budgeted in Capital Improvement Project No. PW7060 in the Gas Tax Street Improvement Fund (SR 181) in the Department of Public Works (PW), and in the Sewer Fund (EF 311) in the Water Department (WA). The cost will be shared by the two funds (\$260,000 in Gas Tax Funds and \$200,000 in Sewer Funds).

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Authorize the City Manager to execute an agreement with Lim & Nascimento Engineering Corporation, doing business as LAN Engineering, in an amount not to exceed \$460,000 for a Storm Drain Assessment Study, Master Plan, and GIS-Based Management Program for a term of two years.

Respectfully submitted,

Christine F. Shippey

CHRISTINE F. SHIPPEY
DEPUTY CITY MANAGER/
ACTING DIRECTOR OF PUBLIC WORKS

APPROVED:

BMRM
P/CL/LAN Eng Corp Amt for Storm Drain Assess.rev1

Attachment

Gerald R. Miller
GERALD R. MILLER
CITY MANAGER