February 24, 2009

TO: Mayor and City Council

FROM: Mark J. Madison, Director of Municipal Utilities

SUBJECT: ENGINEERING DESIGN OF CONNECTIONS OF STORM PUMP STATIONS TO SANITARY SYSTEM, PROJECT NUMBER M04016

RECOMMENDATION

Adopt a resolution authorizing the City Manager to execute an amendment to the Master Services Contract for Design, Geotechnical, Testing, Plan Review, and Surveying Services with Peterson Brustad, Inc. in the amount of $52,290 for the Engineering Design of Connections of Storm Pump Stations to Sanitary System Project, Project Number M04016.

Summary

This action will facilitate the preparation of a technical memorandum and design the diversion of dry weather flows from four storm water pump stations to the nearest sanitary collection system. The design and construction of the improvements are necessary because it is required by the City's Storm Water National Pollutant Discharge Elimination System Permit, mandated by the California Regional Water Quality Control Board, to improve the water quality of receiving body of waters.

DISCUSSION

Background

In 1987, amendments to the Federal Clean Water Act added Section 402(p), which, among other requirements, mandated permits for municipal storm water dischargers. Subsequently, regulations were adopted by the U.S. Environmental Protection Agency in 1990 to require municipal dischargers to develop a management program to reduce pollution discharged from storm drain systems.

In February 1995, the City of Stockton was issued its first Storm Water National Pollutant Discharge Elimination System Permit. Since then, the permit was revised twice, in October 2002 and in December 2007 respectively. The 2002 permit, Provision D:12.b.xi, required the City of Stockton to evaluate the feasibility of diverting dry weather flows from storm pump stations to the City's sanitary system. The design and implementation of this project is required to meet the subject requirements.
Present Situation

On November 1, 2005, the City Council adopted Resolution No. 05-0484, approving the addition of another twelve (12) consultant firms to the existing Professional Services Master Contracts (Resolution No. 05-0226, June 7, 2005) vendor pool for design, geotechnical, environmental, and similar professional services with numerous firms, including the subject firm of this proposal. These firms provide services, as needed, to accommodate the City's project schedules. These master contracts are valid for five years and reduce the administrative burden of individual project contracts. The scope of services and fees are negotiated on a project-specific basis and a contract amendment is executed. If the negotiated fee for a particular project exceeds Charter limits, the contract amendment is submitted to the Council for consideration.

Consultant selection for a project is based on the consultants' understanding of the project and approach to meeting the City's needs. Other considerations in the consultant selection process include the firms' qualifications, experience, designated staff, and the ability to provide services on time, within budget, and in accordance with City objectives.

The Municipal Utilities Department requested a proposal for design services from one firm, Peterson Brustad, Inc., that also includes CXS Consulting, Inc. as sub-consultant, for the purpose of confirming the hydraulic model runs for this project.

In March 2006, CXS Consulting, Inc. initially conducted a desktop hydraulic modeling study to assess the feasibility of discharging dry weather flows from the storm pump stations into the sanitary collection system and to ensure that there was adequate capacity in the existing sanitary system. The conclusion of the study was that there was no adverse impact to the collection system or the treatment capacity of the Stockton Regional Wastewater Control Facility due to this increased flow.

The scope of services by Peterson Brustad, Inc. is to submit the technical memorandum, prepare construction plans and specifications, assist the City in obtaining the local Reclamation District permit, provide engineering services during bidding and construction, and to prepare record drawings. As part of the technical memorandum, the hydraulic model will be rerun by CXS Consulting, Inc.
The Municipal Utilities Department hereby recommends the selection of Peterson Brustad, Inc. to conduct the engineering design of the above-referenced project for a proposed fee of $52,290. Completion of design work is anticipated in the spring of 2009.

FINANCIAL SUMMARY

There are sufficient funds available in the Account No. 431-7788-670.20-65 (Municipal Wastewater Utility-CIP Wastewater Storm Drain Allev-Mod/Imp) to cover the cost of this project. This project has no impact on the General Fund.

PREPARED BY: Amin Kazemi

Respectfully Submitted,

MARK J. MADISON, P.E.
DIRECTOR OF MUNICIPAL UTILITIES

MJM:AST:AK:mll

Approved by:

J. GORDON PALMER, JR.
CITY MANAGER
Resolution No. ____________

STOCKTON CITY COUNCIL

RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AN AMENDMENT TO THE MASTER SERVICES CONTRACT FOR DESIGN, GEOTECHNICAL, TESTING, PLAN REVIEW, AND SURVEYING SERVICES WITH PETERSON AND BRUSTAD, INC., IN THE AMOUNT OF $52,290, TO PERFORM DESIGN SERVICES AS PART OF THE CONNECTION OF STORM PUMP STATIONS TO SANITARY SYSTEM PROJECT (PROJECT M04016)

The City of Stockton and Peterson and Brustad, Inc., entered into a Professional Services Master Contract on November 1, 2005, pursuant to Resolution 05-0484, which established a vendor pool; and

The City now desires to amend the contract with Peterson and Brustad, Inc., to provide design and construction services for the Connection of Storm Pump Stations to Sanitary System Project (Project No. M04016); now, therefore,

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF STOCKTON, AS FOLLOWS:

1. The Amendment to Professional Services Master Contract between the City of Stockton and Peterson and Brustad, Inc., in the amount of $52,290, for the design and construction services of the Connection of Storm Pump Stations to Sanitary System Project (Project M04016), which is attached hereto as Exhibit “A” and incorporated herein by this reference, is hereby approved.

2. The City Manager is hereby authorized to execute the Amendment to the Professional Services Master Contract.

3. The City Manager is hereby authorized to take whatever actions are appropriate to carry out the purpose and intent of this Resolution.

PASSED, APPROVED, and ADOPTED ________________________.

ATTEST:

ANN JOHNSTON
Mayor of the City of Stockton

KATHERINE GONG MEISSNER
City Clerk of the City of Stockton

City Atty
Review Date February 17, 2009
AMENDMENT TO
PROFESSIONAL SERVICES MASTER CONTRACT
FOR DESIGN, GEOTECHNICAL TESTING, PLAN REVIEW, AND SURVEYING
SERVICES

Connection of Storm Pump Stations to Sanitary System, Project No. M04016

This Amendment to Professional Services Master Contract is made and entered into on ______________, by and between the City of Stockton, a municipal corporation, hereinafter referred to as "CITY," and PETERSON AND BRUSTAD, INC., hereinafter referred to as "FIRM," to provide CITY technical memorandum, design plans and specifications, and engineering services during bidding and construction for the diversion of summer flows from four storm water pump stations - Alexander and 14-Mile Slough Pump Station, Swenson and 5-Mile Creek Pump Station, Mariner and Mosher Slough Pump Station (Twin Creek Pump Station), and Kelly and Mosher Slough Pump Station - to the nearest sanitary system.

WITNESSETH:

WHEREAS, CITY and FIRM entered into a Professional Services Master Contract on November 1, 2005, as part of a vendor pool and desire to amend said Contract by specifying FIRM to submit a technical memorandum, design, prepare plans and specifications, and provide the CITY with engineering services during bidding and construction.

NOW, THEREFORE, in consideration of these premises and the following terms and conditions, the parties hereto agree as follows:

1. Section 1, Scope of Services is hereby amended to include the technical memorandum, design, preparation of plans and specifications, and providing engineering services during bidding and construction per Exhibit "A", attached hereto and by reference made a part hereof.
2. Section 2, Compensation is hereby amended in the amount of $52,290.00 to include Exhibit “A”.

3. Section 10, Notices, is hereby amended to provide that FIRM shall notify the City of Municipal Utilities Department, Mark J. Madison, Director, on all matters related to the work.

4. All other terms and conditions of the original Contract nct expressly amended by this document shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties have caused this Amendment to Contract to be executed on the date and year first written above.

ATTEST:

KATHERINE GONG MEISSNER
City Clerk of the City of Stockton

CITY OF STOCKTON, a municipal corporation

By: J. Gordon Palmer, Jr., City Manager

APPROVED AS TO FORM:

RICHARD E. NOSKY, JR.
CITY ATTORNEY

PETERSON AND BRUSTAD, INC.

By: _____________________________

Title: _____________________________

Deputy City Attorney