

REQUEST FOR COUNCIL ACTION CITY OF SAN DIEGO	CERTIFICATE NUMBER (FOR COMPTROLLER'S USE ONLY)
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TO: CITY COUNCIL	FROM (ORIGINATING DEPARTMENT): ECP/Arch Eng and Parks	DATE: 05/10/2010
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SUBJECT: Pump Station 65 Capacity Upgrade (H094844)

PRIMARY CONTACT (NAME, PHONE): Darren Greenhalgh, 619-533-6600	SECONDARY CONTACT (NAME, PHONE): Hossein Azar, 619-533-4102
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COMPLETE FOR ACCOUNTING PURPOSES

FUND	700000				
DEPT / FUNCTIONAL AREA	OTHR-00000000-PR				
ORG / COST CENTER	2011131311				
OBJECT / GENERAL LEDGER ACCT	512034				
JOB / WBS OR INTERNAL ORDER	B-00306.02.02				
C.I.P./CAPITAL PROJECT No.	A-BP.00003				
AMOUNT	\$581,108.00	0.00	0.00	0.00	0.00

FUND					
DEPT / FUNCTIONAL AREA					
ORG / COST CENTER					
OBJECT / GENERAL LEDGER ACCT					
JOB / WBS OR INTERNAL ORDER					
C.I.P./CAPITAL PROJECT No.					
AMOUNT	0.00	0.00	0.00	0.00	0.00

COST SUMMARY (IF APPLICABLE): Current: \$0.00

Consultant	\$581,108.00				
Less Prev. Auth.:	\$0.00				
Total Request	\$581,108.00				

ROUTING AND APPROVALS

CONTRIBUTORS/REVIEWERS:	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED
	ORIG DEPT.		
	CFO		
	DEPUTY CHIEF		
	COO		
	CITY ATTORNEY		
	COUNCIL PRESIDENTS OFFICE		

PREPARATION OF: RESOLUTIONS ORDINANCE(S) AGREEMENT(S) DEED(S)

1. Authorizing the Mayor, or his designee, to execute a contract with Lee & Ro Consulting for professional services in A-BP.00003 (Legacy CIP 41-927.0) Annual Allocation - Pump Stations 64, 65, Peñasquitos and East Mission Gorge for the Pump Station 65 Capacity Upgrade Project in the amount not to exceed \$581,108.00.
2. Authorizing the Chief Financial Officer to expend \$581,108.00 from A-BP.00003 (Legacy CIP 41-927.0) Annual Allocation - Pump Stations 64, 65, Peñasquitos and East Mission Gorge, Fund 700000, Sewer, for the purpose of executing this contract, contingent upon the City Controller furnishing a certificate certifying that funds necessary for expenditure are, or will be, on deposit with the City Treasurer.
3. Authorizing the Chief Financial Officer, upon the advice from the administering department, to return excess budgeted funds, if any, to the appropriate reserves.

STAFF RECOMMENDATIONS:

Adopt Resolutions

SPECIAL CONDITIONS (REFER TO A.R. 3.20 FOR INFORMATION ON COMPLETING THIS SECTION)

COUNCIL DISTRICT(S):	One (1) - Lightner
COMMUNITY AREA(S):	Torrey Hills
ENVIRONMENTAL IMPACT:	This activity is exempt from CEQA pursuant TO STATE CEQA GUIDELINES SECTION 15162
CITY CLERK INSTRUCTIONS:	Upon Council approval, please forward two (2) copies of the 1472 and Resolution(s) to Joanne Ferrer at Project Implementation and Technical Services Division, MS 908A and one (1) copy to Bob Barreras at Office of the Comptroller, MS 901A.

**COUNCIL ACTION
EXECUTIVE SUMMARY SHEET
CITY OF SAN DIEGO**

DATE: 05/10/2010

ORIGINATING DEPARTMENT: ECP/Arch Eng and Parks

SUBJECT: Pump Station 65 Capacity Upgrade (H094844)

COUNCIL DISTRICT(S): One (1) - Lightner

CONTACT/PHONE NUMBER: Darren Greenhalgh/619-533-6600

REQUESTED ACTION:

Authorize the Mayor, or his designee, to execute a contract with Lee & Ro Consulting for the design of Pump Station 65 Capacity Upgrade Project.

STAFF RECOMMENDATION:

Adopt Resolutions

EXECUTIVE SUMMARY OF ITEM BACKGROUND:

Pump Station 65 is located at the fringe of the environmentally-sensitive Peñasquitos Lagoon along Sorrento Valley Road.

It is equipped with two 150-HP pumps and two 400-HP pumps designed to handle the projected peak wet weather flow (PWWF) of 18.8 million gallons a day (MGD) in 2015. However the most recent Public Utilities Department projections indicate that 2015 and 2030 flows will be approximately 22 MGD and 24 MGD respectively. These flows are larger than Pump Station 65's original design flows and its measured maximum pumping capacity. During a storm in 2004, the station's two 400HP pumps operated for a 12-hour period with a recorded peak flow of 20.2 MGD. (Two 400-HP pumps can handle a maximum of 22 MGD). A failure of any of the two 400-HP pumps could have result in a serious and costly sewage spill.

Based on the PS65 Flow Capacity Business Case Evaluation, the most technically feasible and cost effective alternative is to install larger impellers and 500-HP motors on the existing units and to install a third 500-HP standby pump was selected as the most technically feasible and cost effective alternative. These modifications will allow Pump Station 65 to adequately handle the projected peak wet weather flow of 24 MGD in 2030 and significantly reduce the risk of sewage spills.

FISCAL CONSIDERATIONS:

The total estimated consultant design cost of this project is \$581,108.00 out of which \$50,000.00 is for additional services (total project costs are estimated to be \$3,120,000.00).

Enterprise funding of \$581,108.00 is available in A-BP.00003(Legacy CIP 41-927.0) Annual Allocation - Pump Stations 64, 65, Peñasquitos and East Mission Gorge, Fund 700000, Sewer, for this purpose. The project is funded in Fiscal Year 2010. The project cost maybe reimbursed approximately 80% with current or future debt financing. No future funding is anticipated on this agreement.

EQUAL OPPORTUNITY CONTRACTING INFORMATION (IF APPLICABLE):

Funding Agency:City of San Diego

Goals:15% Voluntary Subcontractor Participation

Sub consultant Participation:\$69,100 OBE (13%)

Other: This agreement is subject to the City's Equal Opportunity Contracting (San Diego Ordinance No. 18173, Sections 22.2701 through 22.2708 and Non-discrimination in Contracting Ordinance (San Diego Municipal Code Sections 22.3501 through 22.3517).

Workforce Report Submitted: Staff will monitor plan and adherence to Non-discrimination Ordinance.

PREVIOUS COUNCIL and/or COMMITTEE ACTION:None

COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS:

This project has minimal or no impact to the communities. All work is confined inside the existing Pump Station footprints. Bypass pumping which is within the foot print of the existing Pump Station is required in order to eliminate shut down of the Pump Station.

KEY STAKEHOLDERS AND PROJECTED IMPACTS:

The key stakeholders identified are the City of San Diego and the public. After completion, the City will have an improved reliability of the sewer system in the years ahead. No new fees or regulations are proposed.

Originating Department

Deputy Chief/Chief Operating Officer