



# Staff Report

## City of Manhattan Beach

**TO:** Honorable Mayor Tell and Members of the City Council

**THROUGH:** David N. Carmany, City Manager

**FROM:** Jim Arndt, Director of Public Works  
 Raul Saenz, Utilities Manager  
 Brian Wright, Water Utility Supervisor

**DATE:** January 17, 2012

**SUBJECT:** Progress Payment No. 1 in the net amount of \$50,175.00 for the Well 11-A Rehabilitation Project to General Pump Company, Inc.

**RECOMMENDATION:**

Staff recommends that the City Council pass a motion to approve the issuance of the subject progress payment.

**FISCAL IMPLICATION:**

<b>Budget</b>		
2009-10 Well #11-A Rehabilitation Project	<b>501-18-221-6212</b>	\$ 230,000.00
TOTAL BUDGET		\$ 230,000.00
<b>Anticipated Expenditures</b>		
Construction Contract (General Pump Company)		\$ 225,420.00
Contingency (10%)		\$ 22,500.00
TOTAL ESTIMATED EXPENDITURES		\$ 247,920.00
<b>Recommended Progress Payment: General Pump Company</b>		
<b>Progress Payment No. 1 (Recommended)</b>		<b>\$ 50,175.00</b>
Total Progress Payments to Date		<b>\$ 50,175.00</b>
Balance in Contract		\$175,245.00

**BACKGROUND:**

At the October 4, 2011 meeting, Council awarded a contract to General Pump Company, Inc. in the amount of \$225,420 for the Well #11-A Rehabilitation Project. Well # 11-A is located on the southwest corner of Manhattan Beach Blvd. and Green Ln. in the City of Redondo Beach. Over the past 2 years, Well #11-A's water production capacity has dropped from 2,300 gallons per minute (gpm) to 1,500gpm. The decreased production capacity was discovered to be the result of

failure of the pump bowl and shaft assemblies. While the motor/pump assembly was removed, Staff performed down-hole preventative maintenance to assure continued aquifer production capacity.

Work performed to date has included:

- Removal of the 350 horse power motor, discharge head and 300 feet of pump assembly for inspection and determination of replacement needs.
- Down-hole video inspection of 445 feet of well casing and perforations for determination of appropriate down-hole rehabilitation methods.
- Mechanical agitation of the well casing perforations and immediately adjacent aquifer to restore the well's ability to transmit water.
- Aquifer redevelopment and pump testing aimed at determining the well's maximum production capability.

**DISCUSSION:**

Progress Payment No. 1

The Contractor has submitted a request for Progress Payment No. 1 in the net amount of \$50,175.00. All work items covered by this payment have been reviewed by the Public Works Department and found to be in conformance with the plans and specifications.

The Contractor has completed approximately 50% of the work, focusing primarily on removal of existing equipment and rehabilitation of the well casing.

The Contractor is currently purchasing new motor and pump to match City's required specifications as determined by the aquifer redevelopment testing.

cc: Henry Mitzner, Controller