

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: SEPTEMBER 4, 2015

ITEM NO: 7

File ID – 15-2809 – C

SUBJECT: SUB-TRANSMISSION LINE RELOCATION FOR PLAZA SUBSTATION – WORK ORDER NO. 1501810 FOR \$160,000

ISSUE:

The issue for Board of Public Utilities consideration is approval of the capital expenditure of \$160,000 for Work Order No. 1501810 for the Sub-transmission Line Relocation for the Plaza Substation.

RECOMMENDATION:

That the Board of Public Utilities approve the estimated capital expenditure of \$160,000 for Work Order No. 1501810 for the Sub-transmission Line Relocation for the Plaza Substation.

BACKGROUND:

As part of the Magnolia-Plaza Reliability Project (MPRP), which included the purchase of land for the Plaza Substation expansion and all pertinent 69kV and 12kV substation equipment, sub-transmission and distribution work is required.

The Plaza Substation is currently served by two 69kV overhead sub-transmission lines. The substation expansion requires one of the sub-transmission lines to be relocated 100 feet west of the existing location. The scope of work includes the reconfiguration of the existing overhead distribution circuits outside the substation as well as the installation of two 85 foot poles, 110 circuit feet of 69kV overhead wires, anchors and associated facilities. The scope of work also includes trenching, extending one existing four-inch fiber optic conduit and removal of a section of the existing sub-transmission line.

Riverside Public Utilities (RPU) engineering staff performed the design to eliminate any negative visual impacts to the project and surrounding area, with sensitivity to the existing neighborhood and within City Planning guidelines for the designated area of the project.

The project breakdown is proposed as follows:

Project Breakdown	
Engineering Performed By:	RPU engineering staff
Civil Construction Performed By:	Energy Delivery Contractors' Panel
Electrical Work Performed By:	RPU field forces
Anticipated Start Date:	October 5, 2015
Anticipated Duration:	2 weeks
Coordination Required With:	RPU Field Superintendent, RPU Operations and Dispatch
Reimbursements:	None

FISCAL IMPACT:

The capital expenditure for Work Order No. 1501810 is estimated to be \$160,000 as summarized in the following table:

Description	Amount (\$)	% of Total
Design, Construction Management, Inspection	\$69,960	44%
Construction Contract Estimate	\$5,500	3%
Electrical Construction	\$84,540	53%
Total	\$160,000	100%

Sufficient funds are available in Public Utilities' Electrical Capital Account No. 6130000-470603.

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Approved by: Girish Balachandran, Public Utilities General Manager
Approved by: John A. Russo, City Manager
Approved as to form: Gary G. Geuss, City Attorney

Certifies availability
of funds Laura Chavez-Nomura, Public Utilities Assistant General Manager/Finance :

Attachment: Project Site Map