



RESOLUTION NO. _____

BOARD LETTER APPROVAL

FOR R. KERR

REIKO A. KERR

Senior Assistant General Manager – Power System
Engineering, Planning, and Technical Services

MARTIN L. ADAMS

General Manager and Chief Engineer

DATE: February 18, 2022

SUBJECT: Rinaldi – Tarzana Lines 1 and 2 Transmission Reconductoring Project Resolution for an Ordinance Requesting the Los Angeles City Council to Establish Engineer-Procure-Construct Criteria Pursuant to §371(b) of the Los Angeles City Charter

SUMMARY

The proposed Ordinance will authorize the LADWP to let an Engineer-Procure-Construct (EPC) contract for the Rinaldi – Tarzana Transmission Lines 1 and 2 Reconductoring Project (Project). This will permit negotiations relating to engineering, procurement, and construction of the Project based on criteria established by the Ordinance. The Ordinance will authorize a term not to exceed three years for the contract.

Pursuant to a competitive - sealed proposal method, EPC criteria adopted by the Ordinance will permit an award to a bidder specialized in the design, procurement, and construction of high-voltage 230-kiloVolt (kV) transmission line systems. The competitive - sealed proposal method, per Los Angeles City Charter (Charter) §371(b), permits negotiations after proposals have been opened to allow clarifications and changes. Per Charter §371(a) and Los Angeles Administrative Code §10.47, the Local Business Preference Program will apply.

The approach will be to advertise one Request for Proposal (RFP) with one agreement which will be awarded in whole. The contract will be for engineering services including but not limited to the verification and acceptance of the existing LADWP design, completion of the existing LADWP design to 100 percent, becoming Engineer of Record, material procurement, and construction services to upgrade the existing

Rinaldi – Tarzana Transmission Lines 1 and 2, 230-kV. The construction services include the modification of existing towers, demolition and addition of a new tower and the replacement of existing overhead conductor, overhead ground wire and all associated parts as required.

Los Angeles City Council (City Council) approval is required according to Charter §371(b) and §674.

RECOMMENDATION

It is requested that the Board of Water and Power Commissioners (Board) adopt the attached Resolution recommending City Council approval of an Ordinance authorizing the use of the competitive-sealed bid proposal method to let a contract not to exceed three years in length in accordance with Charter §371(b) and §674.

ALTERNATIVES CONSIDERED

The alternative is to leave the system as it currently remains. This will result in non-compliance with meeting requirements of the North American Reliability Corporation (NERC) and not meeting the Power System Reliability Program (PSRP) goals.

LADWP has insufficient personnel to complete the upgrading of the Rinaldi – Tarzana Transmission Lines 1 and 2 within the outage period and does not have employees with the expertise needed to perform certain aspects of the tower modification work. Therefore, it is not feasible to effectively complete the Project utilizing 100 percent of LADWP personnel.

The proposed EPC contract through an RFP allows LADWP the opportunity to review and evaluate the submitted proposals taking into consideration a firm's financial and resource capabilities as well as relevant experiences. The RFP process will allow LADWP to choose from a pool of qualified and experienced firms, specialized in the construction of high-voltage transmission line systems.

FINANCIAL INFORMATION

The total estimated cost for the proposed contract is approximately \$76.7 million. The contract duration will not exceed three years.

BACKGROUND

LADWP Long-Term Transmission Assessments of 2014 and 2015, identified both the Rinaldi – Tarzana Lines 1 and 2 as transmission system elements which can in the future, experience emergency overload conditions following multiple system contingencies in certain scenarios and cases as studied.

The Project is designed to mitigate the overload conditions identified as part of the NERC Transmission Reliability Assessment. The Rinaldi – Tarzana Transmission Lines 1 and 2 will be upgraded to increase the continuous and emergency circuit ratings, by replacing the existing conductor with new conductor and raising certain towers to increase line clearances. This work will alleviate potential future overload conditions. The scope of the job includes: replacing (2) circuits, replacing (1) overhead ground wire, raising (13) towers, removing (1) tower, adding (1) new tower, installing foundations for (9) towers and demolishing foundations for (10) towers.

City Administrative Officer Report

In accordance with the Mayor's Executive Directive No. 4, the City Administrative Officer's Report (CAO) dated February 16, 2022 is attached.

ENVIRONMENTAL DETERMINATION

Determine item is exempt pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15301. In accordance with this section, the reconductoring of an existing transmission line is categorically exempt pursuant to Class 1 (b) as described in CEQA Guidelines Section 15301. This exemption applies to the repair, maintenance, or minor alteration of existing facilities used to provide public utility services.

CITY ATTORNEY

The Office of the City Attorney reviewed and approved the Resolution and the Ordinance as to form and legality.

ATTACHMENTS

- Resolution
- Ordinance
- CAO Report