

Attachment A

RFP NO. X8902-008

Venice Boulevard Underpass – Communication Lines Joint Trench Coordination & Design (JTCD)

Statement of Work

Scope of Work

The Authority plans to secure a design firm specializing in telecommunications company engineering in Los Angeles for coordination and design for relocation work that is required at the proposed VBU site for Expo Phase 2. This will involve working closely with five telecommunications companies (AT&T LNS, Verizon Wireless, Level (3), SCE Carrier Solutions, and Time Warner Cable), DWP Power System (PS) - who own the poles, the City of Los Angeles, Caltrans, and the Authority.

The coordination and design work will be required for relocating the overhead communication lines along Venice Boulevard in the vicinity of the aerial structure into a new joint trench underground duct bank that will have the required separate conduits for each company (including planned future conduits/facilities). The design will have to be coordinated with DWP-PS's new pole layout and underground ductbank and their separate overhead communication facilities undergrounding, the selected Expo VBU design-build contractor constructing the overhead light rail structure, utility relocations and street design, and, with the affected telecommunication owners for the existing and future capacity requirements.

The selected design firm will also be required to process all of the necessary applications, permits, submittals, and prepare a detailed schedule that ties in with the DWP-PS and VBU design-build schedules in order to complete this work. The schedule will include the design and underground construction of the duct bank facilities and the approximate durations of the sequencing with DWP and all of the five companies to complete their relocations and remove their abandoned overhead lines/facilities.

The selected firm will also provide the entire bid package w/ approved plans, specs, and estimate so that at a later date, Expo has the option to issue this for bid as a separate construction contract or include it in the VBU design-build contract as a change order.

As an option on this contract, the design firm may be requested to provide for construction management for this work, as well as contract management assistance with the billing for some of DWP's design and construction work (reimbursable to Expo based on license agreement research).

Background and Current Status on VBU Designs

The VBU project has several overseeing agencies. Caltrans maintains the street and the City maintains the sidewalks, and Metro will maintain the VBU structure.

The eastern half of the aerial structure at Venice Blvd underpass including the station is part of Expo Phase 1 and is being constructed by Balfour Beatty Rail Inc. (BBRI), a design-build contractor. The western half of the aerial structure is currently advertised for bid for a separate design-build contract. It is being offered to BBRI and to Skanska-Rados Joint Venture (SRJV). SRJV is the design-build contractor for all of the Expo Phase 2 (beginning west of Venice Blvd to the terminus in Santa Monica).

Plans for the VBU project have been prepared by Parsons Transportation Group to a 65% level. The street plans have been submitted to Caltrans and the City of Los Angeles for reviews. The utility plans also include planned relocations. The electronic files of the plans and base maps are available for the joint trench design, prepared in Microstation.

Expo has already been meeting with the DWP-PS on this project and has prepared an "Expo Phase 2 / DWP Power System Coordination Plan at Venice Blvd Underpass (VBU)". This plan package was distributed to both joint trench design firms at our kick-off meeting in June, 2011.

DWP-PS has received Expo's 65% plans as well as the review comments from the City and Caltrans that basically confirm there are no comments or changes that would affect DWP-PS pole layout and design of their relocated facilities.

As mentioned in the kick-off meeting, the joint trench coordination and design would only have to tie in with the planned DWP undergrounding plan to the designated existing poles on each side of the proposed aerial structure. DWP-PS has recently stated that the two closest riser poles on each side would be reserved for their 34.5kV circuits and DWP communications.

A separate copy of the DWP pole exhibit file is included on an enclosed CD.

The current status of the Venice Blvd Underpass Project (Caltrans EA No. 07-285400 and EFIS Project No. 07-07000020130) is as follows: The Type Selection Report (TSR) has been approved as noted by Caltrans, and the Mandatory and Advisory Design Exception Fact Sheets have been approved. The Draft Final Project Study Report/Project Report (PSR/PR) was issued in April 2011 and is currently in review with Caltrans. The draft Storm Water Data Report is in review pending response to Caltrans OEECS Hazardous Waste Branch comments on the Initial Site Assessment (ISA).

The 65% Plans, Specifications and Estimates (PS&E) packages (limited to plans only) for Structures, Roadway and Utilities were issued for review to Expo, Metro and the 3rd Parties having jurisdiction (Caltrans, City of Los Angeles) in April 2011. The Geotechnical Design Report, Foundation Report, Drainage Report and a Structural Evaluation of Existing Underground Utilities for Pile Surcharge Loading were also reviewed. Third Party comments were submitted to the Authority in May 2011. The Authority has dispositioned all comments received on the 65% design;

Related comment/response matrices can be provided to the selected firm; however, it appears that no comments affect the joint trench design.

Deliverables

Project deliverables shall consist of the following:

1. Preliminary engineering (PE) plans agreed upon by all five telecommunications companies and approved by DWP PS. A brief report with an executive summary, copies of agreements and correspondence with DWP-PS and all five companies shall accompany the PE plan.
2. Final plans, specs, and estimate for the construction of the communication joint trench duct bank and all related applications, permits, and submittals including traffic control plans for the construction of all facilities.
3. Approved plans, specs, and estimate (IFC).

As this project is located in the City of LA, while Caltrans has maintenance jurisdiction for Venice Boulevard; traffic control plans, encroachment permit, and/or other permits will be needed. Please outline all necessary submittals and permits in the proposal under the proposed scope as well as in the preliminary plans and summary report.