

ADOPTED BY THE BOARD
PUBLIC WORKS OF THE CITY
of Los Angeles California

Department of Public Works

Bureau of Engineering
Report No. 4

July 26, 2024
CD No. 14

JUL 26 2024


Executive Officer
Board of Public Works

ISSUE THE TASK FOR SOLICITATION NO. 207 TO IDC CONSULTING ENGINEERS, INC. FROM THE PRE-QUALIFIED ON-CALL CONSULTANTS LIST TO PROVIDE PRELIMINARY ENGINEERING PROJECT APPROVAL AND ENVIRONMENTAL DOCUMENTATION FOR THE FIRST STREET BRIDGE OVER FIGUEROA STREET REHABILITATION PROJECT (WORK ORDER NO. E1909173, CONTRACT NO. C-134691)

RECOMMENDING THE BOARD OF PUBLIC WORKS (BOARD):

AUTHORIZE the City Engineer to issue the task to IDC Consulting Engineers, Inc. (IDC), Contract No. C-134691, from the Pre-Qualified On-Call (PQOC) Bridge/Civil Engineering and Other Design and Support Services Consultants List to provide preliminary engineering support services for the First Street Bridge over Figueroa Street Rehabilitation Project (Project), as stated in Task Order Solicitation (TOS) No. 207, with a budget authority of \$325,000, which includes contingency.

TRANSMITTALS

1. Copy of the Bureau of Engineering (BOE) and Bureau of Contract Administration (BCA) Joint Report No. 1, adopted November 1, 2019, authorizing the execution of personal services contracts with 30 PQOC Bridge/Civil Engineering and Other Design and Support Services Consultants.
2. Copy of TOS No. 207 entitled "First Street Bridge over Figueroa Street Rehabilitation Project- Project Approval & Environmental Documentation (PAED) - Phase 1," dated November 17, 2023.
3. Copy of Commissioner Villegas' concurrence to issue Emergency Notice-to-Proceed (NTP) 1, dated April 10, 2024.

DISCUSSION

Background

On November 1, 2019, the Board approved the PQOC list of consultants to provide design and support services for the Bridge Improvement Division (BID) (Transmittal No. 1). The contract with IDC was executed on November 14, 2019, and will expire on November 13, 2024.

The proposed Project is located on First Street and over Figueroa Street, approximately 0.4 miles southwest of the US 101 Highway, in the northwestern edge of the downtown Civic Center in the City of Los Angeles (City). The bridge is 146 feet long and 101 feet wide and carries five lanes of traffic.

The existing large metal expansion joints along the bridge are damaged, resulting in noise and vibration issues for nearby residents when vehicles drive over the joints. The BOE and Bureau of Street Services (StreetsLA) have implemented several noise mitigation measures over many years, and although some have provided temporary relief from the noise, these repairs have not been successful in adequately addressing the issue for more than a short period of time. Therefore, the BOE is looking to implement a more permanent solution by either rehabilitating or replacing the existing bridge entirely.

TOS Description

This TOS is to procure the services of a consultant to conduct a comprehensive evaluation of the existing bridge and provide recommendations for rehabilitation or replacement (Transmittal No. 2).

The BOE is requesting support services and deliverables to include, but not limited to, the following tasks:

- A. Administration and Project Management - Prepare project management and implementation plan, track schedule and budget by submitting baseline schedule and monthly schedule updates. Submit monthly progress reporting, invoicing, budget status, progress update narratives, list of deliverables, percent of completions, critical issues, and corrective actions. Coordinate and attend weekly project development team meetings. Prepare meeting agenda, presentations and record and distribute meeting minutes as needed by the BID Project Manager. Ensure quality assurance and quality control.
- B. Stakeholder Coordination and Public Involvement - Coordinate with the City departments and regulatory agencies (The California Department of Transportation (Caltrans), the Los Angeles Department of Water and Power, the Los Angeles Department of Transportation, and other agencies), other stakeholders as necessary, the respective Council Office, general public, and community. Support the City in up to two public outreach meetings including preparing fact sheets and graphics for presentation.
- C. Collect and Update Existing Data – Conduct field investigation, preliminary right of way and engineering survey, review previous studies and documents pertaining to the Project and current planned projects in the vicinity of the Project. Conduct comprehensive investigation of existing utility information and location (both

July 26, 2024
Page 3

underground and overhead), potential conflicts and potential relocation. Assist the City in coordinating with the utility owners that may impact the construction of this Project along with the existing street signals, and current street configuration. Research and review pertinent existing geotechnical information to provide preliminary site-specific geologic information at the location of the proposed structure. Conduct subsurface soil exploration with test borings for the bridge foundation. Prepare the preliminary data report documenting all the findings of field exploration and include foundation type recommendations to guide the design.

- D. Project Initiation – Evaluate the need for access and delineate Project study area, prepare detailed Project description, purpose and need statement. Prepare a narrative detailing the justification for bridge replacement versus rehabilitation, which includes the pros and cons of each alternative. Prepare a Life Cycle Cost Analysis for the alternatives of replacement and rehabilitation, to evaluate these long-term investment options. Prepare a Project report with conceptual plans for three feasible alternatives considering bridge structure type, layout, estimated costs, constructability, environmental impact, and any other factors among the alternatives. Prepare preliminary civil and structural design by preparing preliminary design of site drainage, grading, profiles, elevations, sections, and bridge lights. The consultant shall be expected to present the design features to elected officials and community members and assist all stakeholders to make an informed decision on the selected alternative. The preliminary structural design and calculation shall be performed for the description in the environmental document. Recommend Stormwater Best Management Practice and potential Low Impact Development elements appropriate at the bridge site. Identify permit requirements. Prepare all deliverables in compliance with the Caltrans Project Development Procedures Manual, Chapter 9 Project Initiation. Additionally, prepare a Quality Management Plan (QMP) describing the quality policy and how it will be used. The QMP shall include a process for resolving disputes between the parties at a team level.
- E. Prepare Preliminary Environmental Study (PES) – Prepare the PES and the appropriate technical studies as required.
- F. Grant Application – Research, review and analyze all eligible grants at the Federal, State and Local level which can be used to aid in additional funding for future phases of the Project.

Deliverables also include any additional tasks deemed necessary by the City's Project Management or Construction Management to complete the scope of work described above.

Summary of Selection and Negotiations

The City solicited proposals from all 30 PQOC consulting firms. Three firms responded to this solicitation, and all three were interviewed. The following firms responded to this solicitation: IDC, Jacobs, and KPFF. The selection panel consisted of staff from the BOE's BID, who reviewed the proposals, qualifications, and experience of the consulting firms and determined that IDC demonstrated the most comprehensive understanding of the Project, as well as the most relevant experience, and their proposed scope included all necessary requested services.

The BOE recommends the acceptance of IDC's negotiated proposal in the amount of \$287,520 with a contingency of \$37,480 for a total budget authority of \$325,000 for this task.

Documentation supporting the selection of the consultant, as well as a record of the negotiations and detailed cost information, have been included in the Project file.

In an effort to complete the proposed preliminary engineering scope by the PQOC contract expiration in November 2024, Emergency NTP No. 1 was issued in the amount of \$149,000 on April 23, 2024, with Commissioner Villegas' concurrence (Transmittal No. 3). Should IDC fail to complete the proposed scope prior to contract expiration, they will be compensated for the tasks completed and the remaining tasks will be solicited upon establishment of the new PQOC contract.

Disadvantaged Business Enterprise (DBE) Program

This Project is State funded, and in the future, the City may request additional federal funds. Since federal funds are anticipated, this contract must follow the U.S. Department of Transportation's requirements for DBE participation. The City has set a goal of 8 percent. For this task, the consultant is pledging DBE participation of 76.63 percent.

On this particular task, the following firms are proposed to be utilized by the consultant:

Gender/Ethnicity Codes:

AA = African American	HA = Hispanic American
APA = Asian Pacific American	SAA = Subcontinent Asian American
NA = Native American	C = Caucasian
M = Male	F = Female

Department of Public Works
Bureau of Engineering
Report No. 4

July 26, 2024
Page 5

Prime or Subconsultants	Gender/ Ethnicity	DBE/ OBE*	% of Base Task	Task Amount
IDC	F/APA	DBE	64.25%	\$184,720.00
Earth Mechanics, Inc.	M/SAA	DBE	4.52%	\$ 13,000.00
GPA Consulting	F/C	DBE	7.86%	\$ 22,600.00
David Evans and Associates, Inc.		OBE	23.37%	\$ 67,200.00
Total DBE Participation			76.63%	\$220,320.00
Total OBE Participation			23.37%	\$ 67,200.00
Initial Base Task			100.00%	\$287,520.00
Contingency				\$ 37,480.00
Total Task Budget Authority				\$325,000.00

*Other Business Enterprise

Contractor Performance Evaluation

In accordance with Division 10, Chapter 1, Article 13 of the Los Angeles Administrative Code, the appropriate City personnel responsible for the quality control of this personal services contract shall submit Contractor Performance Evaluation Reports to the BCA, Special Research & Investigation Section upon completion of the contract.

STATUS OF FUNDING

The funding for this Project comes from the State Road Maintenance and Rehabilitation Program Special Funds (SB1), Fund No. 59V, Department No. 50, Appropriation Unit No. 50YZBG.

Funding Sources for this Task	Amount for this Task
State Road Maintenance and Rehabilitation Program Special Funds (SB1) Fund No. 59V, Department No. 50, Appropriation Unit No. 50YZBG	\$325,000
Total Funding (not-to-exceed)	\$325,000

The City's liability under this contract shall only be to the extent of the present City appropriation to fund the contract. However, if the City shall appropriate funds for any succeeding years, the City's liability shall be to the extent of such appropriation, subject to the terms and conditions of the contract.

Report No. 4

Page 6

(SG RMK AV DW)

Report reviewed by:

BOE (ADM and PAC)

Report prepared by:

Bridge Improvement Division

Christine Sotelo, PE
Division Engineer
Phone No. (213) 378-1268

Respectfully submitted,



Ted Allen, PE
City Engineer
Bureau of Engineering

Statement as to funds approved by:



Miguel De La Peña, Director
Office of Accounting
Fund 59V/50/50YZBG \$325,000
Date: 6/25/2024

SG/DH/05-2024-0067_BID.gr

Questions regarding this
report may be referred to:
Dahlia Hanna, Project Manager
Phone No. (213) 485-5418
Email: dahlia.hanna@lacity.org