

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

Department of Public Works

Bureau of Engineering  
Report No. 1

July 12, 2024  
CD No. 15

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Executive Officer  
Board of Public Works

**ISSUE THE TASK FOR SOLICITATION NO. 208 TO KLEINFELDER, INC., FROM THE PRE-QUALIFIED ON-CALL CONSULTANTS LIST TO PROVIDE ENGINEERING SUPPORT SERVICES FOR THE DELL AVENUE BRIDGES OVER VENICE CANALS REPLACEMENT PROJECT (WORK ORDER NO. E1909182, CONTRACT NO. C-134474)**

**RECOMMENDING THE BOARD OF PUBLIC WORKS (BOARD):**

AUTHORIZE the City Engineer to issue the task to Kleinfelder, Inc. (Kleinfelder), Contract No. C-134474, from the Pre-Qualified On-Call (PQOC) Bridge/Civil Engineering and other Design and Support Services Consultants List to provide engineering support services for the Dell Avenue Bridges over Venice Canals Replacement Project (Project), as stated in Task Order Solicitation (TOS) No. 208, with a budget authority of \$800,000.00 which includes contingency.

**TRANSMITTAL**

1. Copy of TOS No. 208 entitled "Dell Avenue Bridges over Venice Canals Replacement Project," dated January 16, 2024.
2. Copy of correspondence by Commissioner Villegas, authorizing issuance of NTP 1 for \$149,000.00, dated April 5, 2024.

**DISCUSSION**

***Background***

On November 1, 2019, the Board approved the PQOC list of consultants to provide bridge/civil engineering and other design and support services for the Bridge Improvement Division (BID). The contract with Kleinfelder was executed on November 14, 2019, and will expire on November 13, 2024.

The four bridges in this Project are more than 115 years old, built in and around 1907. These bridges are designed for vehicular and pedestrian traffic. Initially, three of these bridges were programmed for rehabilitation in 2001, but in 2004 State funds were re-prioritized and funding for these bridges was shifted away. In 2010 the Bureau of Engineering's (BOE's) Structural Engineering Division issued a memo stating that three of the four bridges received a sufficiency rating of less than 50. To comply with the Governmental Accounting Standards Board (GASB) 34 policy, which states "...no bridge shall have a rating less than "D" (sufficiency rating less than 50)", it was recommended that the three bridges be

programmed for rehabilitation. The fourth bridge is in a similar condition with a sufficiency rating of 50.9. Therefore, it is necessary to rehabilitate these four bridges for the safety of all users. Additionally, they are the main path of transportation to the community they serve.

### ***TOS Description***

The BOE has prepared TOS No. 208 for the Preliminary Engineering Phase of the Project (Transmittal No. 1). The selected Consultant will conduct a comprehensive evaluation of the existing four bridges along Dell Avenue and provide recommendations for either rehabilitation or replacement.

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

#### **Task 1. Administration and Project Management**

- Project Management Plan
- Project Implementation Plan
- Schedule and Budget Control
  - Baseline schedule
  - Monthly schedule updates
- Monthly Progress Reporting/Invoicing
  - Monthly invoices and budget status
  - Monthly progress update narratives
  - List of deliverables and percent of completion
  - Critical issues and corrective actions
- Project Team Meetings
  - Project Development Team meetings
  - Meetings as needed by BID Project Manager
  - Meeting agenda, minutes, presentations
- Quality Assurance/Quality Control and document control plan

#### **Task 2. Stakeholder Coordination and Public Involvement**

- City of Los Angeles (City) Departments
- Regulatory agencies such as Caltrans, Los Angeles Department of Transportation, Los Angeles County Flood Control District, Regional Water Quality Control Board, United States Army Corps of Engineers, and Los Angeles Department of Water and Power, and other agencies as necessary
- Other Stakeholders, as necessary
- Respective Council Office
- General Public and Community
  - Support the City in up to two (2) public outreach meetings including preparing fact sheets and graphics for presentation

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### **Task 3. Collect and Update Existing Data**

- Field investigation
- Preliminary Right-of-Way and engineering survey
- Review of previous studies and documents pertaining to the Project
- Current planned projects in the vicinity of the Project
- Conduct comprehensive investigation of existing utility information/location (both 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.
- Existing street signals, and current street configuration
- Research and review pertinent existing geotechnical information to provide preliminary site-specific geologic information at location of 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.

### **Task 4. Project Initiation**

- Evaluate the need for access and delineate Project study area.
- Prepare detailed Project description.
- Prepare Project Purpose and Need Statement
- Prepare a narrative detailing the justification for bridge replacement versus rehabilitation, to evaluate these long-term investment options.
- Prepare a Life Cycle Cost Analysis for the alternatives of replacement and rehabilitation, to evaluate these long-term investment options.
- Prepare Project report with conceptual plans of three (3) feasible alternatives considering, bridge structure type, layout/location, estimated costs, constructability, environmental impact, architectural features, and any other factors among the alternatives.
- Preliminary Civil and Structural Design - The Consultant shall prepare 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.
- 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.

### **Task 5. Conceptual Architectural and Design Features**

- Prepare two (2) conceptual architectural designs in consideration with the development of the bridge structure types. The architectural treatments should be aimed at producing a bridge not only as a utilitarian infrastructure, but also as a destination and landmark to the community. The Design Consultant Team must focus on the visual and experiential qualities of the bridge from a variety of perspectives and scales that shall profile view, plan view, and aerial view.
- Prepare sketches/renderings/exhibits/plans as potential architectural designs to be presented to the BOE and other stakeholders for concurrence and approval.
- Design features shall include a one-way vehicular lane and a separated walking path, per current guidelines.

### ***Summary of Selection and Negotiations***

The City solicited proposals from all 30 PQOC consulting firms. Two firms, Kleinfelder and Harris & Associates, Inc., responded to this solicitation and both firms were interviewed by the selection panel. The selection panel consisted of staff from BID who reviewed the proposals, qualifications, and experience of the consulting firms and determined that Kleinfelder demonstrated the most comprehensive understanding of the Project, and their proposed scope included all necessary requested services.

The initial cost proposal by Kleinfelder was approximately \$1.2 million. The City reviewed the initial cost proposal and the scope of work and identified several areas of potential changes to scope and cost. The City's budget for this Project is \$800,000 therefore, some scope was reduced without affecting the original intended result of this Task Order. The final revision of the cost and scope proposal was acceptable at \$789,569.59.

The BOE recommends acceptance of Kleinfelder's negotiated proposal in the amount of \$789,569.59 with a contingency of \$10,430.41, for a total budget authority of \$800,000.00.

Documentation supporting the selection of the Consultant as well as a record of the negotiations has been included in the Project file.

In an effort to complete the proposed preliminary engineering scope by the expiration of the current PQOC contract in November 2024, Emergency NTP No. 1 was issued in the amount of \$149,000 on April 16, 2024, with Commissioner Villegas' concurrence (Transmittal No. 2). Should Kleinfelder 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. Because the City may request federal funds in the future, the City will 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 26.07 percent.

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For this particular task, the following firms are proposed to be utilized by the Consultant; Sommer Engineering, Inc. and Paul Murdoch Architects were added as sub-consultants for their specialty in the field of highway and bridge design:

Gender/Ethnicity Codes:

AA = African American  
APA = Asian Pacific American  
NA = Native American  
M = Male

HA = Hispanic American  
SAA = Subcontinent Asian American  
C = Caucasian  
F = Female

Prime or Subconsultants	Gender/ Ethnicity	DBE/ OBE	(%) of Base Task	Task Amount
Kleinfelder		OBE	58.16%	\$459,251.94
Advantec Consulting Engineers, Inc.	M/APA	DBE	5.98%	\$ 47,252.01
RSE Corporation	M/APA	DBE	14.09%	\$111,246.44
Sommer Engineering, Inc.	F/C	DBE	5.99%	\$ 47,308.58
Kleinfelder Construction Services		OBE	8.46%	\$ 66,772.15
Paul Murdoch Architects		OBE	7.31%	\$ 57,738.47
Total DBE Participation			26.07%	\$205,807.03
Total OBE Participation			73.93%	\$583,762.56
Initial Base Task			100.00%	\$789,569.59
Contingency				\$ 10,430.41
Total Task Budget Authority				\$800,000.00

***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 Bureau of Contract Administration, 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. 50YZAJ.

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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. 50YZAJ	\$800,000.00
<b>Total Funding (not-to-exceed)</b>	<b>\$800,000.00</b>

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.

( SG AV DW )

Report prepared by:

Respectfully submitted,

Bridge Improvement Division



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City Engineer  
Bureau of Engineering

Statement as to funds approved by:



Miguel De La Peña, Director  
Office of Accounting  
Fund Ref. 59V/50/50YZAJ/\$800,000  
Date: 6/17/2024

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Questions regarding this  
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