

(1)

BPW-2024-0403

TASK ORDER SOLICITATION (TOS) NO. 208 – KLEINFELDER, INC.

Recommending the Board:

1. AUTHORIZE the City Engineer to issue the task to Kleinfelder, Inc., from the Pre-Qualified On-Call 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, as stated in TOS No. 208, with a budget authority of \$800,000.00 which includes contingency.

(W.O. E1909182, C-134474)

Department of Public Works

Bureau of Engineering  
Report No. 1

July 12, 2024  
CD No. 15

**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

<b>Prime or Subconsultants</b>	<b>Gender/ Ethnicity</b>	<b>DBE/ OBE</b>	<b>(%) of Base Task</b>	<b>Task Amount</b>
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
<b>Initial Base Task</b>			<b>100.00%</b>	<b>\$789,569.59</b>
Contingency				<b>\$ 10,430.41</b>
<b>Total Task Budget Authority</b>				<b>\$800,000.00</b>

***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:

Bridge Improvement Division

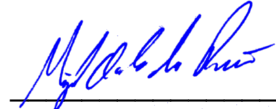
Christine Sotelo, PE  
Division Engineer  
Phone No. (213) 485-5101

Respectfully submitted,

A handwritten signature in blue ink, appearing to read 'Ted Allen', is placed over a red digital signature stamp. The stamp contains the word 'ENGINEERING' and some smaller, less legible text.

Ted Allen, PE  
City Engineer  
Bureau of Engineering

Statement as to funds approved by:

A handwritten signature in blue ink, appearing to read 'Miguel De La Peña', is placed above a horizontal line.

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

CS/GM/05-2024-0071\_BID.gva

Questions regarding this  
report may be referred to:  
Gevork Mkrtchyan, Project Manager  
Phone No. (213) 485-5919  
E-mail: [gevork.mkrtchyan@lacity.org](mailto:gevork.mkrtchyan@lacity.org)

**TASK ORDER SOLICITATION (TOS) NO. 208**  
**DELL AVENUE BRIDGES OVER VENICE CANALS REPLACEMENT PROJECT**  
**PROJECT APPROVAL AND ENVIRONMENTAL DOCUMENTATION (PAED) -**  
**PHASE 1**  
**PRE-QUALIFIED ON-CALL (PQOC) BRIDGE/CIVIL ENGINEERING AND OTHER**  
**DESIGN AND SUPPORT SERVICES CONSULTANTS LIST**  
**CITY OF LOS ANGELES**  
**DEPARTMENT OF PUBLIC WORKS**  
**BUREAU OF ENGINEERING**  
**BRIDGE IMPROVEMENT DIVISION**

**January 16, 2024**

## **1.0 INTRODUCTION**

The City of Los Angeles (City), Bureau of Engineering (BOE), Bridge Improvement Division (BID), plans to utilize the services of a consulting firm (Consultant) to undertake the Preliminary Engineering Phase for the Dell Avenue Bridges over Venice Canals Replacement Project (Project).

## **2.0 SCOPE OF SERVICES**

The proposed Project consists of four (4) bridges located on Dell Avenue between South Venice Boulevard and 28<sup>th</sup> Avenue within the City's historic Venice Canals. These bridges intersect the Carrol Canal, Linnie Canal, Howland Canal, and Sherman Canal.

In the BOE's assessment of bridges throughout the City, the Dell Avenue bridges received "F" ratings, with a sufficiency rating below 60. A bridge sufficiency rating of below 60 is indicative of bridges having characteristics of being: 1) structurally inadequate, 2) do not meet safety, technological, regulatory, and public assessment requirements, and/or 3) place an undue burden on the budget for operations, maintenance, and/or spatial inefficiencies. Therefore, the BOE would like to proceed with rehabilitating or replacing all four (4) existing bridges along Dell Avenue.

The architectural features, at least at a conceptual level, shall be considered in collaboration with the development of the preliminary bridge design. The distinct architectural expressions of elements to be considered are, but not limited to, choice of color, materials, texture, decorative lighting, and design of potential gateway elements. The aesthetics of the bridge shall be viewed from various perspectives, especially the community, as this is a very visible and touristy area.

The intent and purpose of the Preliminary Engineering Phase is to clearly define the purpose, need and Project footprint by evaluating the existing conditions and documenting the existing constraints, identifying the full range of alternatives, and



preparing the purpose and need statement along with conceptual plans of the viable alternatives. The BOE is requesting support services and deliverables to include, but not limited to, the following tasks:

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

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  - Critical issues and corrective actions
- Project Team Meetings
  - Project Development Team (PDT) meetings
  - Meetings as needed by BID Project Manager
  - Meeting agenda, minutes, presentations
- Quality Assurance/Quality Control (QA/QC) and document control plan

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

- City Departments
- Regulatory agencies such as Caltrans, Los Angeles Department of Transportation (LADOT), Los Angeles County Flood Control District, Army Corps of Engineers, Regional Water Quality Control Board, United States Army Corps of Engineers, and Los Angeles Department of Water and Power (LADWP), 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.

### **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.
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- 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 three (3) 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.
- The bridge architectural aesthetic choices are particularly important. Architectural features shall show shape, form, color, and materials at a conceptual level, and shall include, but not be limited to:
  - Barrier rails
  - Accent/decorative lighting
  - Consideration of Sculptural/Gateway Design

- Bridge underside design
- Design features shall include a one-way vehicular lane and a separated walking path, per current guidelines.

### 3.0 PROJECT SCHEDULE

The City is anticipating up to eight (8) months for the completion of this Project. The Environmental Documentation will be completed through another Consultant.

### 4.0 SOLICITATION SCHEDULE

- Issue Task Order Solicitation.....January 16, 2024
- Last day to submit questions to BID Project Manager .....January 30, 2024
- Proposals due..... February 14, 2024
- Conduct interviews/selection process complete ..... February 20-22, 2024
- Final Negotiation of Task Order ..... March 6, 2024
- Anticipated Issuance of Notice to Proceed.....April 30, 2024

### 5.0 SOLICITATION RESPONSE REQUIREMENTS

Solicitation responses shall not exceed 40 pages, exclusive of cover, dividers, and resumes. One (1) electronic copy in PDF format shall be emailed to Gevork Mkrtchyan at [Gevork.Mkrtchyan@lacity.org](mailto:Gevork.Mkrtchyan@lacity.org) and Maria Rongavilla at [Maria.Rongavilla@lacity.org](mailto:Maria.Rongavilla@lacity.org) and must be submitted **no later than February 14, 2024, at 3:00 pm**. Hard copies are not required but may be submitted to the:

Department of Public Works  
Bureau of Engineering  
Bridge Improvement Division  
1149 S. Broadway, Suite 750  
Los Angeles, California 90015  
Attention: Maria Rongavilla Cruz

Bound solicitation responses shall include:

**Section 1** – Project Understanding: Demonstrate your understanding of the entire Project and explain your firm’s overall approach to completing the tasks.

**Section 2** – Related Experience: Describe similar projects your firm recently completed and the history of compliance to budget and schedule on those previous projects. Demonstrate the relevancy of your past record to completing this Project.

**Section 3** – Project Team: Provide a project team organization chart and describe the background, roles and responsibilities of key team members. Provide current

Disadvantaged Business Enterprise (DBE) certificates and information on DBE involvement. Provide resumes of staff who will work on the Project.

**Section 4** – Detailed Scope of Services and Schedule: Expand and develop the City’s scope of services and Project schedule contained herein.

**Section 5** – Scope/Hours Summary: Develop a detailed table summarizing the scope of work activities including the proposed personnel and proposed hours.

**Appendix** – Include resumes of the proposed personnel for the Project.

In addition, in a **separately sealed envelope**, provide a cost calculation using the attached cost proposal worksheets for the work described in 2.0 – Scope of Services. Provide a lump sum cost for the tasks. One (1) hard copy is required to be postmarked **no later than February 14, 2024**, or submitted to the:

Department of Public Works  
Bureau of Engineering  
Bridge Improvement Division  
1149 S. Broadway, Suite 750  
Los Angeles, California 90015  
Attention: Maria Rongavilla Cruz

Note: Do not include the cost proposal worksheets in the electronic submittal.

## **6.0 SELECTION CRITERIA**

Task Order proposals shall be evaluated based on the following criteria:

- Capability and qualifications of the team as demonstrated by the solicitation response and the interview; this shall include completeness of the proposed scope of services and readiness to perform the work – 30 points
- Project understanding as demonstrated by the solicitation response and the interview; this shall include demonstrated understanding of the City’s goals for the Project – 25 points
- Capability and qualifications of the Project Manager as reflected in prior City projects and on similar projects for other clients – 20 points
- Capability and qualifications of the prime and subconsultants as reflected in prior City projects and on similar projects for other clients – 15 points
- History of the firm in successful budget and schedule compliance, particularly on previous City projects – 10 points

The Consultant shall provide references for the prime, subconsultants and Project Manager.

## **7.0 SELECTION PROCESS**

Interviews will be held for this TOS. The Consultant shall make a presentation lasting no longer than 45 minutes and answer questions from the BOE/BID panel. The Consultant shall be informed of the time and location of the interview after proposals are received. The City reserves the right to reschedule interviews as necessary.

## **8.0 NON-COLLUSION AFFIDAVIT**

A Non-Collusion Affidavit must be signed and submitted with the proposal.

## **9.0 SUGGESTED DBE PARTICIPATION LEVELS**

This Project is state funded, and in the future, the City may request additional federal funds. The selected Consultant shall submit Exhibit 10-O2 of the Caltrans Local Assistance Procedures Manual. The DBE participation goal is set at 8% per Article 17 of the PQOC Contract.

## **10.0 SOLICITATION MANAGER**

Please address all correspondence to Nur Malhis, 1149 S. Broadway, Room 750, Los Angeles, California 90015 or via email to [Gevork Mkrtchyan](mailto:Gevork.Mkrtchyan@lacity.org) at [Gevork.Mkrtchyan@lacity.org](mailto:Gevork.Mkrtchyan@lacity.org) with a cc: to Maria Rongavilla at [Maria.Rongavilla@lacity.org](mailto:Maria.Rongavilla@lacity.org).

## **11.0 DISCLAIMER**

The City may or may not decide to award any or part of this TOS based on its sole convenience and shall not be responsible for any solicitation response costs. Based on the performance of the selected Consultant, the City has the option to continue subsequent parts of the Preliminary Engineering Phase with the same selected Consultant or issue a new TOS based on specific needs of the Project and shall be subject to the approval of the Board of Public Works.

## **12.0 COVID-19 VACCINATION REQUIREMENTS**

Employees of Consultant and/or persons working on its behalf, including, but not limited to, subconsultants (collectively, "Contractor Personnel") must be fully vaccinated against the novel coronavirus 2019 ("COVID-19") prior to: (1) interacting in person with City employees, contractors, or volunteers, (2) working on City property while performing services under this Contract, and/or (3) coming into contact with the public while performing services under this Contract (collectively, "In-Person Services"). "Fully vaccinated" means that 14 or more days have passed since Contractor Personnel received the final dose of a two-dose COVID-19 vaccine series (Moderna or PfizerBioNTech) or a single dose of a one-dose COVID-19 vaccine (Johnson & Johnson/Janssen) and all booster doses recommended by the Centers for Disease Control and Prevention. Prior to assigning Contractor Personnel to perform In-Person Services, Consultant shall obtain proof that such Contractor Personnel has been fully

vaccinated. The Consultant shall retain such proof for the document retention period set forth in this Contract. The Consultant shall grant medical or religious exemptions to Contractor Personnel as required by law.

### **13.0 EXPIRATION OF CURRENT CONTRACT**

The current PQOC Bridge/Civil Engineering and Other Design and Support Services Consultants List is scheduled to expire on November 13, 2024. Therefore, the City, at its own discretion, will issue parts or all of this task depending on schedule.

#### **Attachments:**

- Consultant Cost Proposal Worksheet
- Bridge Inspection Reports
  - 53C1688: Dell Avenue over Carrol Canal
  - 53C1689: Dell Avenue over Linne Canal
  - 53C1690: Dell Avenue over Howland Canal
  - 53C1691: Dell Avenue over Sherman Canal



## Fwd: Request for Authority to Issue Limited NTP - Preliminary Engineering for Dell Ave Bridges

2 messages

**Nur Malhis** <nur.malhis@lacity.org>  
To: Gevork Mkrtchyan <gevork.mkrtchyan@lacity.org>

Mon, Apr 8, 2024 at 8:27 AM

Hi Gevork,

Please use this email as an attachment for PAC.

Thank you,

Nur Malhis, PE, CCM, ENV SP  
Bridge Improvement Division | Senior Civil Engineer  
Bureau of Engineering | Department of Public Works  
T: (213) 485-4737 | F: (213) 485-4836 | Mobile : (949) 547-5660  
1149 S. Broadway St, Suite 750  
Los Angeles, CA 90015



----- Forwarded message -----

From: **Teresa Villegas** <teresa.villegas@lacity.org>  
Date: Fri, Apr 5, 2024 at 2:59 PM  
Subject: Re: Request for Authority to Issue Limited NTP - Preliminary Engineering for Dell Ave Bridges  
To: Scott Gibson <scott.gibson@lacity.org>  
Cc: Deborah Weintraub <deborah.weintraub@lacity.org>, Nur Malhis <nur.malhis@lacity.org>

Hello Scott and thank you for the information. Please proceed.



Teresa Villegas  
Vice President  
Los Angeles City Board of Public Works  
213.978.0255 Office  
[teresa.villegas@lacity.org](mailto:teresa.villegas@lacity.org)  
[www.lacity.org](http://www.lacity.org)

On Fri, Apr 5, 2024 at 2:57 PM Scott Gibson <scott.gibson@lacity.org> wrote:  
Hello Commissioner Villegas,

TRANSMITTAL No. 2

The Bureau of Engineering's Bridge Improvement Division (BID) requests authority to issue a limited NTP for up to \$150,000 to Kleinfelder to begin preliminary engineering activities on the Dell Avenue Bridges over Venice Canals Project. This project consists of four bridges located on Dell Avenue between South Venice Boulevard and 28th Avenue within the City's historic Venice Canals. BOE has provided assessments for these bridges and three of them have received "F" ratings, which correlates to a sufficiency rating below 60, and one received a "D" rating. A bridge sufficiency rating below 60 indicates characteristics of being: 1) structurally inadequate, 2) do not meet safety, technological, regulatory, and public assessment requirements, and/or 3) place an undue burden

on the budget for operations, maintenance, and/or spatial inefficiencies. Therefore, the BOE would like to proceed with rehabilitating or replacing all four (4) existing bridges along Dell Avenue.

In January 2024, BID advertised a Task Order Solicitation to the Pre-Qualified On Call (PQOC) Bridge /Civil Engineering Consultant list for Preliminary Engineering. The scope consists of evaluating the existing conditions, documenting the existing constraints, identifying the full range of alternatives, and preparing some conceptual plans for the project. BID has completed negotiations with the selected Consultant, Kleinfelder, and has agreed a total task fee of approximately \$760K. Funding is provided by the SB1 Fund, which was approved in the Mayor's FY23-24 budget.

The PQOC list expires in November 2024, which allows for a limited time to complete this preliminary engineering phase. As such, to fit the necessary scope of services in the available time frame, **BID is requesting your authority for us to issue a limited NTP for up to \$150,000, at this time.** This will allow the selected consultant to immediately start work. We are currently drafting a Board Report for the full scope of work, and hope to get it presented to the Board by May.

We appreciate your help in this matter.

Thank you

--

Scott Gibson, P.E.  
Bridge Improvement Division | Acting Division Manager  
Bureau of Engineering | Department of Public Works  
[1149 S. Broadway, Suite 750](#)  
[Los Angeles, CA 90015](#)  
Phone: [\(213\) 485-5101](#)

# ENGINEERING



## CITY OF LOS ANGELES



*Proud Recipient of the Mayor's Office 2019 Gender Equity Award*

**Gevork Mkrtchyan** <gevork.mkrtchyan@lacity.org>  
To: Nur Malhis <nur.malhis@lacity.org>

Mon, Apr 8, 2024 at 8:42 AM

Thanks!  
[Quoted text hidden]



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  
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JUL 12 2024

  
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  
report may be referred to:  
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