

Department of Public Works

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

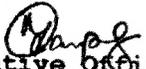
BPW-2018-0081

Bureau of Engineering
Report No. 4

JAN 24 2018

AND REFERRED TO THE CITY COUNCIL

January 24, 2018
CD Nos. 1 and 13


Executive Officer
Board of Public Works

REQUEST FOR AUTHORITY TO INCREASE BUDGET AUTHORITY FOR TASK FOR SOLICITATION No. 200 TO STUDIO PALI FEKETE ARCHITECTS (SPF:a), CONTRACT NO. C-114047, FROM THE PRE-QUALIFIED ON-CALL (PQOC) CONSULTANTS LIST TO PROVIDE ARCHITECTURAL AND ENGINEERING DESIGN, AND DESIGN SERVICES DURING CONSTRUCTION FOR THE TAYLOR YARD BIKEWAY/PEDESTRIAN BRIDGE OVER THE LOS ANGELES RIVER PROJECT - WORK ORDER NO. E1907487

RECOMMENDATIONS

Adopt and forward this board report and transmittals to the City Council with the following recommendations:

1. Authorize the City Engineer to increase budget authority of the Task for Solicitation No. 200 to SPF:a, Contract No. C-114047, from the PQOC Architectural Consultants List to provide Architectural and Engineering Design, and Design Services during construction for the Taylor Yard Bikeway/Pedestrian Bridge over the Los Angeles River Project, increasing budget authority from \$950,000 to \$1,110,000, including contingency.
2. Authorize a loan from the Public Works Trust Fund (PWTF) No. 834 in the amount of \$500,000, payable to the Engineering Special Services Fund No. 682, Department No. 50, Appropriation Unit No. to-be-determined (TBD) - appropriation account entitled "Taylor Yard Bridge Project", to front fund the above additional design services of the project.
3. Authorize the Director of the Office of Accounting, Board of Public Works (Board) to release the PWTF Loan proceeds when this report is approved and upon providing a copy of the proof of grant award/Memorandum of Understanding (MOU) by Los Angeles County Metropolitan Transportation Authority (Metro) and upon written request by the City Engineer or his designee.
4. Authorize the Director of the Office of Accounting, Board to assess and collect monthly interest earned on the outstanding loan balance at the rate that the Office of Finance is using to allocate interest to various investment pools. Any unpaid interest earned at the end of the year will be added to the principal amount of the loan.
5. Authorize the reimbursement of funds from the Engineering Special Services Fund No. 682, Department No. 50, to the PWTF No. 834, upon receipt of the grant proceeds from Metro, which shall be paid no later than 24 months after City Council approval.

TRANSMITTALS

1. Copy of Bureau of Engineering (BOE) Report No. 1, adopted on July 13, 2013, authorizing SPF:a to provide architectural and engineering design, and design services during construction for the Taylor Yard Bikeway/Pedestrian Bridge over the Los Angeles River - Task Order Solicitation (TOS) for Bridge Design - Work Order No. E1907487, dated July 8, 2013.
2. Renderings of the proposed bridge.
3. Copy of Metro Board Report authorizing the Chief Executive Officer to negotiate and execute a Construction Funding Agreement with the City of Los Angeles (City) for the Taylor Yard Bridge for a not-to-exceed amount of \$21,700,000, dated July 19, 2017.

DISCUSSION

Background

On July 27, 2013, the Board awarded a TOS to SPF:a for the design and construction administration services for the original cost of \$824,500, with an additional \$125,500 contingency, with a total budget authority in the amount of \$950,000 (Transmittal No. 1).

The project will construct a multi-modal bridge over the Los Angeles River between Elysian Valley on the south and Taylor Yard on the north. The bridge is being designed for bicycle and pedestrian use, and will also support emergency vehicles. On the north, a bikeway ramp will be constructed, which will lead to Kerr Road.

The proposed steel-framed bridge will be approximately 400 feet long and be supported on abutments on the north and south, and a concrete foundational support pier in the central portion of the Los Angeles River bed. The abutment to the north side will be adjacent to the Los Angeles River maintenance road; the abutment on the south side will be adjacent to the existing bikeway. The width of the actual pedestrian and bikeway path will be approximately 18 feet, as shown in the attached renderings of the proposed bridge (Transmittal No. 2).

Funding for the design of the bridge was contributed by Metro and the Department of Water and Power (DWP), for an amount of \$1,073,000 and \$327,000, respectively, totaling an amount of \$1,400,000. This funding contribution was facilitated through a MOU for Design, executed in 2012, between the City's Department of Transportation (DOT), DWP, and Metro. The \$1,400,000, facilitated through DOT, was spent for Architectural, Environmental, and Geotechnical Consultants costs, as well as staff charges, as presented in Table 1 on page no. 3. This funding was available through Fund No. 655, Department No. 94, and Appropriation Unit No. 94H588.

January 24, 2018

Page 3

Item	Request
Architectural Consultant	\$ 950,000
Environmental Consultant	\$ 219,270
Geotechnical Consultant	\$ 58,970
Permit Fees and Staff Charges	\$ 171,760
Total	\$1,400,000

During the first part of 2017, Metro and the City have been meeting to prepare a draft MOU for Construction of the project. On July 19, 2017, Metro's Board authorized the Chief Executive Officer to negotiate and execute a Construction Funding Agreement with the City for the Taylor Yard Bridge with a not-to-exceed amount of \$21,700,000 (Transmittal No. 3).

Funding Shortfall

During the design phase of the project, the \$125,500 contingency and \$175,550 originally allocated for construction administration, was utilized to pay for requested design changes, an additional cost estimate, an engineering analysis report, Envision documentation, as well as staff charges from the BOE, Bureau of Street Lighting, and Southern California Regional Rail Authority (SCRRA), for project review and administration, which were not part of the original scope of work.

Due to the lack of construction funding from Metro in the last several years, and changes in project design requirements, an estimated additional \$500,000 is needed to complete design services through bid and award, which include the following:

- Extended design duration.
- Additional design requirements such as adding a concrete support pier at the mid-span of the bridge, as well as longer and more complex bikeway ramps leading to and from the bridge.
- Environmental mitigation fees, additional plan check, and permit fees, and right-of-way fees.

The \$500,000 additional funding requested with the PWTF will allow design services to proceed while agreements with Metro are finalized. These funds will be used as follows:

1. Additional services for SPF:a, negotiated to the amount of \$160,000, to complete construction documents and bid and award services, including contingency.

2. Additional fees in the amount of approximately \$340,000 to pay for environmental mitigation fees for the Department of Fish and Wildlife, plan check and permit fees for the Department of Building and Safety and SCRRA, and right-of-way fees.

Upon securing construction funding, a separate Board report for construction administration services will be prepared for the construction phase, estimated at approximately \$270,000. The construction administration cost estimate increased due to an additional year for construction.

Please see Table 2 for a breakdown of the funds discussed herein.

Table 2 - Total Budget Authority for SPF:a			
	Fees	Contingency	Total
Fees Previously Authorized	\$824,500	\$125,500	\$ 950,000
Additional Design Fees	\$ 97,751	\$ 62,249	\$ 160,000
Total Fees	\$922,251	\$187,749	\$1,110,000

Minority Business Enterprise/Women Business Enterprise/Other Business Enterprise (MBE/WBE/OBE) Subcontractor Outreach Program

This Task will be subject to the MBE/WBE/OBE Subcontractor Outreach Program requirements. The City has set anticipated participation levels of 12 percent and 2 percent for MBE/WBE participation, respectively. Through this additional task, the consultant is pledging a MBE participation level of 5.5 percent and a WBE participation level of 4.3 percent. Per the original agreement, SPF:a pledged a MBE participation level of 0.6 percent and a WBE participation level of 2.3 percent. The MBE/WBE levels have improved from prior commitments mentioned in this report.

For this revised Task, the following MBE, WBE, and OBE 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 |

January 24, 2018
 Page 5

Subconsultants	Gender/ Ethnicity	MBE/ WBE/ OBE	(%) of Task	Task Amount
SPF:a		OBE	28.7%	\$ 276,239
Arup		OBE	41.5%	\$ 399,814
Tetra Tech		OBE	17.9%	\$ 172,198
Ph.D A Design Office	F/APA	OBE	2.3%	\$ 22,400
Hood Design Group	M/AA	MBE	5.0%	\$ 48,600
Construction Specification Services		MBE	0.5%	\$ 4,500
V&M Electrical Engineers	M/APA	WBE	1.5%	\$ 14,000
The Morcos Group		WBE	2.8%	\$ 26,500
Total MBE Participation			5.5%	\$ 53,100
Total WBE Participation			4.3%	\$ 40,500
Total OBE Participation			61.5%	\$ 594,412
Subtotal Subconsultants Participation			71.3%	\$ 688,012
Prime Participation			28.7%	\$ 276,239
Revised Task			100.0%	\$ 964,251
Reimbursables				\$ 83,500
New Total Negotiated Amount for SPF:a				\$1,047,751
Contingency				\$ 62,249
Total				\$1,110,000

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 termination of the contract.

STATUS OF FUNDING

Per the draft MOU for Construction with Metro, an estimated grant amount total of \$21,700,000, includes \$2,500,000 for engineering and administration costs. This amount will be used to repay the PWTF Loan - Taylor Yard Project for \$500,000 plus any unpaid interest thereon and the remainder of the construction engineering and administration reimbursement is expected to cover the City staff costs and other administration related costs during construction. Additionally, Metro is currently working on amending the Design MOU to add additional funds in the amount of approximately \$350,112 for design services. Once executed, some of these funds could be utilized to replenish the PWTF.

PWTF Loan Proceeds				
Source	Fund No/Appropriation Unit/Project	Cost	Contingencies	Total
PWTF	Fund No. 682, Appropriation Unit No. TBD (Taylor Yard Bridge Project)- for TOS No. 200	\$160,000		\$160,000
	Fund No. 682, Appropriation Unit No. TBD (Taylor Yard Project Bridge Project)- for Additional Fees discussed in this report	\$340,000		\$340,000
Total		\$500,000		\$500,000

The PWTF current practice for approved and outstanding loan balance is benchmarked at 25 percent of total deposits. Approval of this \$500,000 loan request will increase the total approved and outstanding loan balance to \$35,958,545, which represents 29.4 percent of PWTF's total deposits.

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 extended to the extent of such appropriation, subject to the terms and conditions of the contract.

(MK RMK DW)

Report reviewed by:

Respectfully submitted,

BOE (ADM)



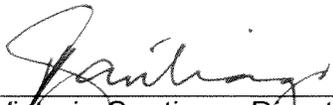
Report prepared by:

Gary Lee Moore, PE, ENV SP
City Engineer

Architectural Division

Mahmood Karimzadeh, AIA
Principal Architect
Phone No. (213) 485-4282

Statement as to Funds approved by:



Victoria Santiago, Director
Public Works, Office of Accounting
Date: 1/9/2018

MK/CN/09-2017-0219.ARC.klc

Questions regarding this report may be referred to:
Nur Malhis, Project Manager
Phone No. (213) 485-4737
E-mail: Nur.Malhis@lacity.org