



Orange County Transportation Authority

Regional Transportation Planning Committee Agenda

Monday, November 6, 2023 at 10:30 a.m.

Board Room, 550 South Main Street, Orange, California

Committee Members

Andrew Do, Chairman
Doug Chaffee, Vice Chairman
Jon Dumitru
Jamey Federico
Katrina Foley
Patrick Harper
Farrah N. Khan

Any person with a disability who requires a modification or accommodation in order to participate in this meeting should contact the Orange County Transportation Authority (OCTA) Clerk of the Board's office at (714) 560-5676, no less than two business days prior to this meeting to enable OCTA to make reasonable arrangements to assure accessibility to this meeting.

Agenda Descriptions

Agenda descriptions are intended to give members of the public a general summary of items of business to be transacted or discussed. The posting of the recommended actions does not indicate what action will be taken. The Committee may take any action which it deems to be appropriate on the agenda item and is not limited in any way by the notice of the recommended action.

Public Availability of Agenda Materials

All documents relative to the items referenced in this agenda are available for public inspection at www.octa.net or through the Clerk of the Board's office at the OCTA Headquarters, 600 South Main Street, Orange, California.

Meeting Access and Public Comments on Agenda Items

Members of the public can either attend in-person or listen to audio live streaming of the Board and Committee meetings by clicking this link: <https://octa.legistar.com/Calendar.aspx>

In-Person Comment

Members of the public may attend in-person and address the Board regarding any item. Please complete a speaker's card and submit it to the Clerk of the Board or notify the Clerk of the Board the item number on which you wish to speak. Speakers will be recognized by the Chairman at the time the agenda item is to be considered. Comments shall be limited to three minutes.

Written Comment

Written public comments may also be submitted by emailing them to ClerkOffice@octa.net, and must be sent by 5:00 p.m. the day prior to the meeting. If you wish to comment on a specific agenda item, please identify the item number in your email. All public comments that are timely received will be part of the public record and distributed to the Board. Public comments will be made available to the public upon request.

REGIONAL TRANSPORTATION PLANNING COMMITTEE MEETING

AGENDA

Call to Order

Pledge of Allegiance

Director Harper

Closed Session

There are no Closed Session items scheduled.

Special Calendar

There are no Special Calendar matters.

Consent Calendar (Items 1 through 6)

All items on the Consent Calendar are to be approved in one motion unless a Committee Member or a member of the public requests separate action or discussion on a specific item.

1. **Approval of Minutes**

Clerk of the Board

Recommendation

Approve the minutes of the October 2, 2023 Regional Transportation Planning Committee meeting.

Attachments:

[Minutes](#)

2. **Cooperative Agreements with the California Department of Transportation for the Interstate 5 Improvement Project Between State Route 73 and El Toro Road for Right-of-Way Capital and Support Services**

Niall Barrett/James G. Beil

Overview

On October 12, 2015, the Orange County Transportation Authority Board of Directors approved a cooperative agreement between the Orange County Transportation Authority and the California Department of Transportation for right-of-way support services, right-of-way acquisition, and utility relocation for the Interstate 5 Improvement Project between State Route 73 and El Toro Road. Board of Directors' approval is requested, pursuant to the California Department of Transportation's current requirement and request that there be a separate agreement for each project segment, to negotiate and execute three new cooperative agreements to replace the original cooperative agreement, and to include additional funding for right-of-way support services, right-of-way acquisition, and utility relocation.

Recommendations

- A. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-3-2902, between the Orange County Transportation Authority and the California Department of Transportation, in the amount of \$53,693,000, for right-of-way support services, right-of-way acquisition, and utility relocation costs for the Interstate 5 Improvement Project between State Route 73 and Oso Parkway. This increases the right-of-way funding for this project segment by \$16,021,000.

REGIONAL TRANSPORTATION PLANNING COMMITTEE MEETING

AGENDA

- B. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-3-2950 between the Orange County Transportation Authority and the California Department of Transportation, in the amount of \$11,305,400, for right-of-way support services, right-of-way acquisition, and utility relocation costs for the Interstate 5 Improvement Project between Oso Parkway and Alicia Parkway. This decreases the right-of-way funding for this project segment by \$1,679,600.
- C. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-3-2951 between the Orange County Transportation Authority and the California Department of Transportation, in the amount of \$28,788,000, for right-of-way support services, right-of-way acquisition, and utility relocation costs for the Interstate 5 Improvement Project between Alicia Parkway and El Toro Road. This increases the right-of-way funding for this project segment by \$1,746,000.
- D. Authorize the use of up to \$16,087,400 in additional Measure M2 funds for the right-of-way phase of the Interstate 5 Improvement Project between State Route 73 and El Toro Road.
- E. Authorize staff to process all necessary amendments to the Federal Transportation Improvement Program and execute or amend all necessary agreements to facilitate the above actions.

Attachments:

[Staff Report](#)

[Attachment A](#)

3. Amendment to Agreement for Additional Design Services for State Route 91 Improvement Project Between La Palma Avenue and State Route 55

Jeannie Lee/James G. Beil

Overview

On February 10, 2020, the Orange County Transportation Authority Board of Directors authorized an agreement with WKE, Inc., for the preparation of plans, specifications, and estimates for the State Route 91 Improvement Project between La Palma Avenue and State Route 55. An amendment to the existing agreement is required for additional design services.

Recommendation

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 4 to Agreement No. C-9-1557 between the Orange County Transportation Authority and WKE, Inc., in the amount of \$1,180,336, for additional design services for the State Route 91 Improvement Project between La Palma Avenue and State Route 55. This will increase the maximum cumulative obligation of the agreement to a total contract value of \$16,488,884.

Attachments:

[Staff Report](#)

[Attachment A](#)

REGIONAL TRANSPORTATION PLANNING COMMITTEE MEETING

AGENDA

4. **Amendment to Agreement for Additional Design Services for State Route 91 Improvement Project Between Acacia Street and La Palma Avenue**

Jeannie Lee/James G. Beil

Overview

On July 13, 2020, the Orange County Transportation Authority Board of Directors authorized an agreement with T.Y. Lin International, for the preparation of plans, specifications, and estimates for the State Route 91 Improvement Project between Acacia Street and La Palma Avenue. An amendment to the existing agreement is required for additional design services.

Recommendation

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 3 to Agreement No. C-0-2073 between the Orange County Transportation Authority and T.Y. Lin International, in the amount of \$968,914, for additional design services for the State Route 91 Improvement Project between Acacia Street and La Palma Avenue. This will increase the maximum cumulative obligation of the agreement to a total contract value of \$11,713,168.

Attachments:

[Staff Report](#)

[Attachment A](#)

5. **Adopt Resolution Authorizing the Executive Director of Capital Programs or Designee to Execute Right-of-Way Certifications**

Joe Gallardo/James G. Beil

Overview

The Orange County Transportation Authority is currently acquiring and managing numerous properties required for the construction and delivery of capital improvement projects. As part of the acquisition and management process, the Orange County Transportation Authority must, by general resolution, authorize certain policies and procedures to implement this process in compliance with federal and state laws. The current Real Property Policies and Procedures Manual, dated August 2022, was approved by the Board of Directors with the adoption of Resolution 2022-052 on August 22, 2022. Staff is now requesting a separate resolution authorizing the Executive Director of Capital Programs or designee to execute right-of-way certifications.

Recommendation

Adopt Resolution No. 2023-061 authorizing the Executive Director of Capital Programs or designee to execute right-of-way certifications.

Attachments:

[Staff Report](#)

[Attachment A](#)

REGIONAL TRANSPORTATION PLANNING COMMITTEE MEETING

AGENDA

6. Agreement for Biological Preserve Monitoring Services

Lesley Hill/Kia Mortazavi

Overview

Consultant services are needed to provide biological monitoring of the conservation lands acquired through the Orange County Transportation Authority's Measure M2 Environmental Mitigation Program. Proposals were received in accordance with the Orange County Transportation Authority's procurement procedures for professional and technical services. Approval is requested to execute an agreement to provide these services.

Recommendations

- A. Approve the selection of Glenn Lukos Associates, Inc., to provide biological preserve monitoring services.

- B. Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2700 between the Orange County Transportation Authority and Glenn Lukos Associates, Inc., in the amount of \$500,00, to provide biological preserve monitoring services for a four-year term.

Attachments:

[Staff Report](#)

[Attachment A](#)

[Attachment B](#)

[Attachment C](#)

[Attachment D](#)

Regular Calendar

7. Interstate 405 Improvement Project Update

Jeff Mills/James G. Beil

Overview

The Orange County Transportation Authority is currently underway with the implementation of the Interstate 405 Improvement Project. This report provides a project update.

Recommendation

Receive and file as an information item.

Attachments:

[Staff Report](#)

[Presentation](#)

REGIONAL TRANSPORTATION PLANNING COMMITTEE MEETING

AGENDA

8. Agreements for Comprehensive Transportation Funding Programs Review Services

Cynthia Morales/Kia Mortazavi

Overview

On July 5, 2023, the Orange County Transportation Authority released a request for proposals for comprehensive transportation funding programs review services on an as-needed basis. Proposals were received in accordance with the Orange County Transportation Authority's procurement procedures for professional and technical services. Board of Directors' approval is requested to execute agreements for these services.

Recommendations

- A. Approve the selection of Transportation Engineering and Planning, Inc., and W.G. Zimmerman Engineering, Inc., as the firms to provide comprehensive transportation funding programs review services.
- B. Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2707 between the Orange County Transportation Authority and Transportation Engineering and Planning, Inc., in the amount of \$474,000, for a three-year initial term with two, one-year option terms, to provide comprehensive transportation funding programs review services.
- C. Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2854 between the Orange County Transportation Authority and W.G. Zimmerman Engineering, Inc., in the amount of \$474,000, for a three-year initial term with two, one-year option terms, to provide comprehensive transportation funding programs review services.

Attachments:

[Staff Report](#)

[Attachment A](#)

[Attachment B](#)

[Attachment C](#)

Discussion Items

9. Public Comments
10. Chief Executive Officer's Report
11. Committee Members' Reports

REGIONAL TRANSPORTATION PLANNING COMMITTEE MEETING AGENDA

12. **Adjournment**

The next regularly scheduled meeting of this Committee will be held:

10:30 a.m. on Monday, December 4, 2023

OCTA Headquarters
550 South Main Street
Orange, California



Committee Members Present

Andrew Do, Chairman
Doug Chaffee, Vice Chairman
Jon Dumitru
Jamey Federico
Patrick Harper

Staff Present

Darrell E. Johnson, Chief Executive Officer
Allison Cheshire, Clerk of the Board Specialist, Senior
Gina Ramirez, Clerk of the Board Specialist, Principal
James Donich, General Counsel
OCTA Staff

Committee Members Absent

Katrina Foley
Farrah N. Khan

Call to Order

The October 2, 2023, Regional Transportation Planning Committee meeting was called to order by Committee Chairman Do at 10:34 a.m.

Consent Calendar (Items 1 through 4)

1. Approval of Minutes

A motion was made by Director Harper, seconded by Committee Vice Chairman Chaffee, and declared passed by those present to approve the minutes of the August 31, 2023, Regional Transportation Planning Committee meeting.

2. Amendment to Agreement for Construction Management Support Services for the Interstate 5 Improvement Project from Alicia Parkway to El Toro Road

A motion was made by Director Harper, seconded by Committee Vice Chairman Chaffee, and declared passed by those present, to:

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 5 to Agreement No. C-9-1605 between the Orange County Transportation Authority and Jacobs Project Management Co., in the amount of \$3,740,000, for additional construction management support services for the Interstate 5 Improvement Project from Alicia Parkway to El Toro Road. This will increase the maximum cumulative obligation of the agreement to a total contract value of \$12,092,394.



3. 2024 State Transportation Improvement Program

Director Do suggested that Harbor Boulevard is looked at again for alternatives in the future as it was last studied in 2018.

A motion was made by Director Harper, seconded by Committee Vice Chairman Chaffee, and declared passed by those present, to:

- A. Approve the 2024 State Transportation Improvement Program submittal of nine projects for \$222.33 million, from fiscal year 2024-25 through fiscal year 2028-29.
- B. Authorize staff to make all necessary amendments to the State Transportation Improvement Program and the Federal Transportation Improvement Program and execute any necessary agreements to facilitate the recommendations above.

4. Regional Planning Update

A motion was made by Director Harper, seconded by Committee Vice Chairman Chaffee, and declared passed by those present, to receive and file as an information item.

Regular Calendar

5. Interstate 405 Improvement Project Update

Jeff Mills, Senior Program Manager, and Kirk Avila, General Manager, Express Lanes, provided a presentation on this item.

No action was taken on this receive and file information item.

Discussion Items

6. Public Comments

No public comments were received.

7. Chief Executive Officer's Report

Darrell E. Johnson, Chief Executive Officer, reported on the following:

- Interstate 405 Dedication event scheduled for Friday, December 1
- Mobility 21 Summit held on September 29 in Anaheim



8. **Committee Members' Reports**

There were no Committee Member's reports.

9. **Adjournment**

The meeting was adjourned at 11:02 a.m.

The next regularly scheduled meeting of this Committee will be held:

10:30 a.m. on Monday, November 6, 2023

OCTA Headquarters

550 South Main Street

Orange, California



November 6, 2023

To: Regional Transportation Planning Committee

From: Darrell E. Johnson, Chief Executive Officer

A handwritten signature in blue ink, appearing to read "Darrell E. Johnson", is written over the "To:" and "From:" fields.

Subject: Cooperative Agreements with the California Department of Transportation for the Interstate 5 Improvement Project Between State Route 73 and El Toro Road for Right-of-Way Capital and Support Services

Overview

On October 12, 2015, the Orange County Transportation Authority Board of Directors approved a cooperative agreement between the Orange County Transportation Authority and the California Department of Transportation for right-of-way support services, right-of-way acquisition, and utility relocation for the Interstate 5 Improvement Project between State Route 73 and El Toro Road. Board of Directors' approval is requested, pursuant to the California Department of Transportation's current requirement and request that there be a separate agreement for each project segment, to negotiate and execute three new cooperative agreements to replace the original cooperative agreement, and to include additional funding for right-of-way support services, right-of-way acquisition, and utility relocation.

Recommendations

- A. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-3-2902, between the Orange County Transportation Authority and the California Department of Transportation, in the amount of \$53,693,000, for right-of-way support services, right-of-way acquisition, and utility relocation costs for the Interstate 5 Improvement Project between State Route 73 and Oso Parkway. This increases the right-of-way funding for this project segment by \$16,021,000.

- B. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-3-2950 between the Orange County Transportation Authority and the California Department of Transportation, in the amount of \$11,305,400, for right-of-way support services, right-of-way acquisition, and utility relocation costs for the Interstate 5

Cooperative Agreements with the California Department of Transportation for the Interstate 5 Improvement Project Between State Route 73 and El Toro Road for Right-of-Way Capital and Support Services *Page 2*

Improvement Project between Oso Parkway and Alicia Parkway. This decreases the right-of-way funding for this project segment by \$1,679,600.

- C. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-3-2951 between the Orange County Transportation Authority and the California Department of Transportation, in the amount of \$28,788,000, for right-of-way support services, right-of-way acquisition, and utility relocation costs for the Interstate 5 Improvement Project between Alicia Parkway and El Toro Road. This increases the right-of-way funding for this project segment by \$1,746,000.
- D. Authorize the use of up to \$16,087,400 in additional Measure M2 funds for the right-of-way phase of the Interstate 5 Improvement Project between State Route 73 and El Toro Road.
- E. Authorize staff to process all necessary amendments to the Federal Transportation Improvement Program and execute or amend all necessary agreements to facilitate the above actions.

Discussion

The Orange County Transportation Authority (OCTA), in cooperation with the California Department of Transportation (Caltrans), is implementing the Interstate 5 (I-5) Improvement Project between State Route 73 (SR-73) and El Toro Road (Project). The Project is part of projects C and D in the Measure M2 (M2) freeway program and is being advanced through the updated Next 10 Delivery Plan approved by the OCTA Board of Directors (Board) in November 2022.

The Project will add one general purpose lane in each direction on I-5 between SR-73 and El Toro Road, extend the second high-occupancy vehicle lane between Alicia Parkway and El Toro Road, re-establish auxiliary lanes, and construct new auxiliary lanes at various locations. In addition, the Project will reconstruct the Avery Parkway and La Paz Road interchanges and the Los Alisos Boulevard overcrossing, improve several existing on- and off-ramps, and convert existing and proposed carpool lanes to continuous access.

Construction is underway in three segments with the following Project limits:

- Segment 1 extends from SR-73 to south of Oso Parkway
- Segment 2 extends from south of Oso Parkway to south of Alicia Parkway

Cooperative Agreements with the California Department of Transportation for the Interstate 5 Improvement Project Between State Route 73 and El Toro Road for Right-of-Way Capital and Support Services *Page 3*

- Segment 3 extends from south of Alicia Parkway to El Toro Road

On October 12, 2015, the Board authorized Cooperative Agreement No. C-5-3661 with Caltrans to provide right-of-way (ROW) support services, ROW acquisition, and utility relocation for the I-5 Improvement Project between SR-73 and El Toro Road.

Additional funding for ROW capital and support is required at this time due to various reasons, including delays in construction which requires the use of properties for additional durations of time, and additional costs associated with litigation, loss of business goodwill, and relocation of third-party utilities. Rather than amend the original cooperative agreement to include the additional funding, Caltrans requires that the existing agreement be segregated into three new cooperative agreements, one for each project segment. The following describes the specific reasons for the increased ROW costs and the need for additional funding:

- Segment 1 – Delays in construction necessitate Temporary Construction Easement (TCE) extensions. In addition, higher-than-anticipated acquisition costs for parcels have increased the capital costs.
- Segment 3 – The relocation of Southern California Edison utilities required to construct the freeway improvements have increased support costs.
- Negotiations, revisions, and extensions to TCEs and additional effort to develop multiple agreements and settlements with the aid of Caltrans legal staff have also led to increased ROW support costs.
- Since the original ROW cooperative agreement between OCTA and Caltrans was executed, utility relocation agreements between Caltrans and third-party utilities have been updated and finalized, resulting in an increase in costs to relocate utilities for the three segments. These increases are included in the higher amounts of the three cooperative agreements.

The total ROW funding previously approved by the Board for the I-5 Improvement Project was \$77,699,000, comprised of \$26,978,000 in Regional Surface Transportation Program (RSTP), and \$50,721,000 in local M2 funds. The two amounts are broken down as follows:

Cooperative Agreements with the California Department of Transportation for the Interstate 5 Improvement Project Between State Route 73 and El Toro Road for Right-of-Way Capital and Support Services **Page 4**

- Segment 1 – The RSTP funds are \$13,415,000 and M2 funds are \$24,257,000, for a total of \$37,672,000. Recommendation A increases the M2 funds by \$16,021,000 up to \$40,278,000, for a revised total of \$53,693,000.
- Segment 2 – The RSTP funds are \$4,144,000 and M2 funds are \$8,841,000, for a total of \$12,985,000. Recommendation B decreases the M2 funds by \$1,679,600 down to \$7,161,400, for a revised total of \$11,305,400.
- Segment 3 – The RSTP funds are \$9,419,000 and M2 funds are \$17,623,000, for a total of \$27,042,000. Recommendation C increases the M2 funds by \$1,746,000 up to \$19,369,000, for a revised total of \$28,788,000.

The total estimated increase to the ROW support services, ROW acquisition, and utility relocation costs for all three segments is \$16,087,400, which is proposed to be funded by additional M2 funding (Recommendation D).

The following table summarizes the original ROW funding and the proposed funding changes:

	Original Funding	Increase/Decrease	Proposed Funding
Segment 1 – RSTP	\$13,415,000	0	\$13,415,000
Segment 1 – M2	\$24,257,000	+\$16,021,000	\$40,278,000
Segment 1 – Total	\$37,672,000	+\$16,021,000	\$53,693,000
Segment 2 – RSTP	\$ 4,144,000	0	\$ 4,144,000
Segment 2 – M2	\$ 8,841,000	[\$ 1,679,600]	\$ 7,161,400
Segment 2 – Total	\$12,985,000	[\$ 1,679,600]	\$11,305,400
Segment 3 – RSTP	\$ 9,419,000	0	\$ 9,419,000
Segment 3 – M2	\$17,623,000	+\$ 1,746,000	\$19,369,000
Segment 3 – Total	\$27,042,000	+\$ 1,746,000	\$28,788,000
Total RSTP	\$26,978,000	0	\$26,978,000
Total M2	\$50,721,000	+\$16,087,400	\$66,808,400
Total ROW Funding	\$77,699,000	+\$16,087,400	\$93,786,400

Cooperative Agreements with the California Department of Transportation for the Interstate 5 Improvement Project Between State Route 73 and El Toro Road for Right-of-Way Capital and Support Services **Page 5**

The revised Capital Funding Program Report is consistent with Board approval of the actions outlined in this report (Attachment A). This report provides a summary of Board-approved funding for each of the OCTA highway projects.

Fiscal Impact

These new cooperative agreements will increase the total cooperative agreement value to \$93,786,400. Funding for the Caltrans services for ROW capital and support is included in OCTA's Fiscal Year 2023-24 Budget, Capital Programs Division, Account Nos. 0017-7514-FC102-1O3 and 0017-9081-FC102-1O3 (Segment 1), 0017-7514-FC105-1O3 and 0017-9081-FC105-1O3 (Segment 2), and 0017-7514-FC106-1O3 and 0017-9081-FC106-1O3 (Segment 3) and is funded with federal RSTP and local M2 funds.

Summary

Board approval is requested for the Chief Executive Officer to negotiate and execute Cooperative Agreement Nos. C-3-2902, C-3-2950 and C-3-2951 between OCTA and Caltrans, to increase the funds in the amount of \$16,021,000 (Segment 1), decrease the funds in the amount of \$1,679,600 (Segment 2), and increase the funds in the amount of \$1,746,000 (Segment 3), for ROW capital and support services for the Project. This will increase the maximum obligation of the cooperative agreements to a total contract value of \$93,786,400, comprised of a capital share of \$77,039,000 and a support share of \$16,747,400. Staff is requesting authorization for the use of up to \$16,087,400 in additional M2 funds for the Project.

Attachment

- A. Capital Funding Program Report

Prepared by:



Niall Barrett, P.E.
Program Manager
(714) 560-5879

Approved by:



James G. Beil, P.E.
Executive Director, Capital Programs
(714) 560-5646



Capital Funding Program Report

Pending Approval by OCTA Board of Directors (Board) - November 13, 2023

State Highway Project												
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds			
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local	
I-5 widening, I-405 to Yale Avenue (Segment 1)	B	\$205,794	\$47,473		\$5,421	\$95,338	\$11,374			\$46,188		
I-5 widening, Yale Avenue to SR-55 (Segment 2)	B	\$41,351	\$32,527							\$8,824		
I-5 widening, Alicia Parkway to El Toro Road (Segment 3) ¹	C	\$202,643	\$49,897		\$4,728		\$16,915			\$131,103		
I-5 widening, Oso Parkway to Alicia Parkway (Segment 2) ¹	C	\$228,675	\$48,676		\$7,921					\$172,078		
I-5 widening, SR-73 to Oso Parkway (Segment 1) ¹	C	\$244,269	\$28,167		\$6,433	\$91,977		\$29,832		\$87,860		
I-5, SR-73 to El Toro Road landscaping/replacement planting	C	\$12,335	\$790			\$6,000				\$5,545		
I-5/El Toro Interchange	D	\$9,713	\$9,213							\$500		
SR-55 (I-5 to SR-91)	F	\$22,045	\$8,359		\$2,641					\$11,045		
SR-55 widening between I-405 and I-5	F	\$505,720	\$160,500		\$42,375	\$80,000	\$140,000			\$82,845		
SR-57 Orangewood Avenue to Katella Avenue	G	\$73,621	\$11,500		\$3,240					\$58,881		
SR-57 truck climbing lane phase II: Lambert Road to LA County Line	G	\$24,500				\$24,500						
SR-91, Acacia Avenue to La Palma Avenue (Segment 3)	I	\$18,171	\$1,770							\$30	\$16,371	
SR-91, La Palma Avenue to SR-55 (Segment 2)	I	\$46,314	\$3,460							\$40	\$42,814	
SR-91, SR-55 to Lakeview Avenue (Segment 1)	I	\$115,464	\$1,770		\$12,340		\$42,566			\$30	\$58,758	
SR-91, SR-57 to SR-55 (Segment 1,2 and 3) Outreach	I	\$2,000									\$2,000	
SR-91, SR-241 to I-15	J	\$41,800									\$41,800	
I-405 improvements, SR-73 to I-605	K	\$2,159,999	\$35,000		\$10,648			\$89,771		\$1,395,650	\$628,930	
I-405 (I-5 to SR-55)	L	\$8,000	\$8,000									
I-605/ Katella Avenue interchange	M	\$34,464	\$17,800							\$16,664		
241/91 Express Lanes (HOT) connector		\$182,298	\$50								\$182,248	
I-5 Managed Lane Project from Avenida Pico to San Diego County Line		\$24,228	\$23,478								\$750	
SR-74 - Gap closure for 0.9 mile and multimodal improvements		\$87,513	\$30,000		\$4,250	\$43,913				\$7,200	\$2,150	
SR-74 widening, City/County line to Antonio Parkway		\$40,905	\$5,285			\$10,000					\$25,620	
State Highway Project Totals		\$4,331,822	\$523,715		\$99,997	\$351,728	\$210,855	\$119,603		\$2,024,483	\$1,001,441	
Federal Funding Total		\$623,712										
State Funding Total		\$682,186										
Local Funding Total		\$3,025,924										
Total Funding (000's)		\$4,331,822										

State Highway Project Completed												
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds			
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local	
I-5 from SR-55 to SR-57, add one HOV lane each direction	A	\$41,500	\$36,191							\$5,309		
I-5 HOV lane each direction s/o PCH to San Juan Creek Road	C	\$74,300	\$11,326					\$20,789		\$42,185		
I-5 HOV lanes from s/o Avenida Vista Hermosa to s/o PCH	C	\$75,300	\$12,065			\$46,779				\$16,456		
I-5 HOV lanes: s/o Avenida Pico to s/o Vista Hermosa	C	\$83,500	\$26,867		\$1,600	\$43,735				\$11,298		



Capital Funding Program Report

Pending Approval by OCTA Board of Directors (Board) - November 13, 2023

Board Action:


1. Authorize the use of up to \$16,087,400 in Measure M2 funds for the right-of-way phase of the Interstate 5 Improvement Project between State Route 73 and El Toro Road.

Acronyms:

Aux - Auxilliary
CMAQ - Congestion Mitigation Air Quality Improvement Program
E/B - Eastbound
E/O - East of
FTA - Federal Transit Administration
HOT - High-Occupancy Toll
HOV - High-Occupancy Vehicle
I-405 - Interstate 405
I-5 - Interstate 5
I-605 - Interstate 605
LA - Los Angeles
M Code - Project Codes in Measure M1 and M2
M1 - Measure M1
M2 - Measure M2
N/B - Northbound
OC - Orange County
OCTA - Orange County Transportation Authority
PCH - Pacific Coast Highway
RSTP - Regional Surface Transportation Program
S/B - Southbound
S/O - South of
SB 1 - Senate Bill 1 (Chapter 5, Statutes of 2017)
SR-133 - State Route 133
SR-22 - State Route 22
SR-241 - State Route 241
SR-55 - State Route 55
SR-57 - State Route 57
SR-71 - State Route 71
SR-73 - State Route 73
SR-74 - State Route 74
SR-91 - State Route 91
STBG - Surface Transportation Block Grant
STIP - State Transportation Improvement Program
W/B - Westbound



November 6, 2023

To: Regional Transportation Planning Committee 

From: Darrell E. Johnson, Chief Executive Officer

Subject: Amendment to Agreement for Additional Design Services for State Route 91 Improvement Project Between La Palma Avenue and State Route 55

Overview

On February 10, 2020, the Orange County Transportation Authority Board of Directors authorized an agreement with WKE, Inc., for the preparation of plans, specifications, and estimates for the State Route 91 Improvement Project between La Palma Avenue and State Route 55. An amendment to the existing agreement is required for additional design services.

Recommendation

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 4 to Agreement No. C-9-1557 between the Orange County Transportation Authority and WKE, Inc., in the amount of \$1,180,336, for additional design services for the State Route 91 Improvement Project between La Palma Avenue and State Route 55. This will increase the maximum cumulative obligation of the agreement to a total contract value of \$16,488,884.

Discussion

State Route 91 (SR-91) improvements between La Palma Avenue and State Route 55 (SR-55) (Project) is part of Project I in the Measure M2 (M2) freeway program. This Project is being advanced through the updated Next 10 Delivery Plan that was approved in November 2022 by the Orange County Transportation Authority (OCTA) Board of Directors (Board).

The Project includes the addition of a general purpose lane in the eastbound (EB) direction between La Palma Avenue and SR-55, and the reconstruction of the Glassell Street/Kraemer Boulevard and Tustin Avenue interchanges. The plans, specifications, and estimates (PS&E) for the Project are currently being prepared by WKE, Inc. (WKE).

Amendment to Agreement for Additional Design Services for State Route 91 Improvement Project Between La Palma Avenue and State Route 55 **Page 2**

Additional project scope has been identified, which requires further effort from WKE to complete the design on schedule. An amendment to this agreement is recommended for the following additional services:

Right-of-Way (ROW) Engineering Services

To expedite the ROW engineering and subsequent appraisal process, WKE needs to divide the Project's ROW map into multiple submittals based on degrees of parcel acquisition coordination. Parcels with limited agency coordination would be processed first over parcels with a higher level of agency coordination. The additional work includes separating the ROW map submittal into six packages and separating the Hazardous Material Disclosure Document into two documents to accommodate the six ROW maps. This process will require significant coordination and meetings with the California Department of Transportation (Caltrans), County of Orange, and City of Anaheim (City).

Median Barrier Replacement

The original scope of work included replacement of the median barrier only at locations where it was impacted by either bridge columns or overhead signs. Caltrans requested that the Project replace the entire existing non-standard median barrier within the project limits to meet current safety standards. WKE needs to modify the design plans to remove and replace the existing median barrier and to include the associated roadway work impacted by the median concrete barrier replacement. The median barrier replacement impacts several design plan sheets, specifications, and estimates for roadway, drainage, staging, electrical, and structures.

Utilities

Within the Santa Ana River there are two waterlines that are proposed to be protected in place. To ensure there are no conflicts during construction, WKE needs to conduct trenching in several areas to verify the exact locations of these waterlines with respect to the proposed bridge pier widening. The work includes obtaining an encroachment permit from the Orange County Water District, trenching to identify waterline locations, and surveying the waterline and trench locations.

New Masonry Block Wall

During the PS&E development, the City requested that a masonry block wall be installed, in-lieu of a barrier with a chain link fence, along the EB SR-91 in the vicinity of a recycling facility. This will provide better screening and comply with

Amendment to Agreement for Additional Design Services for State Route 91 Improvement Project Between La Palma Avenue and State Route 55 **Page 3**

an existing conditional use permit. This requires a new design with a masonry block wall on piles, numerous design refinements, and significant coordination.

Reports

Caltrans requested that a supplemental project report be developed and circulated for review and approval which captures all major design changes since the environmental project approval. In addition, a supplemental design standard decision document is needed to record additional design exceptions due to the median barrier replacement.

Procurement Approach

The original procurement was handled in accordance with OCTA's Board-approved procedures for architectural and engineering services, which conform to both state and federal laws. The original firm-fixed price agreement was issued on June 17, 2020, in the amount of \$13,867,796, for the preparation of the PS&E. This agreement has been previously amended as shown in Attachment A. It is necessary to amend the existing agreement to include additional design services.

OCTA staff negotiated the required level of effort with WKE to provide the additional design services described above. OCTA found WKE's price proposal, in the amount of \$1,180,336, to be fair and reasonable relative to the negotiated level of effort and the independent cost estimate prepared by the OCTA project manager. Proposed Amendment No. 4 to Agreement No. C-9-1557 will increase the total contract value to \$16,488,884.

Fiscal Impact

The additional funding for the Project is included in OCTA's Fiscal Year 2023-24 Budget, Capital Programs Division, Account No. 0017-7519-F1105-NA6, and will be funded through net excess 91 Express Lanes revenue.

Summary

Staff requests Board of Directors' approval to authorize the Chief Executive Officer to negotiate and execute Amendment No. 4 to Agreement No. C-9-1557 between the Orange County Transportation Authority and WKE, Inc., in the amount of \$1,180,336, for additional design services for the State Route 91 Improvement Project between La Palma Avenue and State Route 55.

Attachment

- A. WKE, Inc., Agreement No. C-9-1557 Fact Sheet

Prepared by:



Jeannie Lee, P.E.
Senior Project Manager
(714) 560-5735

Approved by:



James G. Beil, P.E.
Executive Director, Capital Programs
(714) 560-5646



Pia Veesapen
Director, Contracts Administration and
Materials Management
(714) 560-5619

**WKE, Inc.
Agreement No. C-9-1557 Fact Sheet**

1. February 10, 2020, Agreement No. C-9-1557, \$13,867,796, approved by the Board of Directors (Board).
 - Agreement was executed on June 17, 2020, with WKE, Inc., to provide plans, specifications, and estimates for the State Route 91 Improvement Project between La Palma Avenue and State Route 55.
2. November 17, 2020, Amendment No. 1 to Agreement No. C-9-1557, \$0, approved by the Contracts Administration and Materials Management (CAMM) Department.
 - Changed key personnel.
3. June 28, 2022, Amendment No. 2 to Agreement No. C-9-1557, \$247,054, approved by the CAMM Department.
 - Additional design services including field surveys, roadway plans, utility analysis and investigation, hazardous waste testing, right-of-way design support, and geotechnical tests.
4. April 10, 2023, Amendment No. 3 to Agreement No. C-9-1557, \$1,193,698, approved by the Board.
 - Additional design services for roadway design and environmental services.
5. November 13, 2023, Amendment No. 4 to Agreement No. C-9-1557, \$1,180,336, pending approval by the Board.
 - Additional design services related to right-of-way engineering services, median barrier replacement, utilities, a new masonry block wall, and final reports.

Total funds committed to WKE, Inc., after approval of Amendment No. 4: \$16,488,884.



November 6, 2023

To: Regional Transportation Planning Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Amendment to Agreement for Additional Design Services for State Route 91 Improvement Project Between Acacia Street and La Palma Avenue

Overview

On July 13, 2020, the Orange County Transportation Authority Board of Directors authorized an agreement with T.Y. Lin International, for the preparation of plans, specifications, and estimates for the State Route 91 Improvement Project between Acacia Street and La Palma Avenue. An amendment to the existing agreement is required for additional design services.

Recommendation

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 3 to Agreement No. C-0-2073 between the Orange County Transportation Authority and T.Y. Lin International, in the amount of \$968,914, for additional design services for the State Route 91 Improvement Project between Acacia Street and La Palma Avenue. This will increase the maximum cumulative obligation of the agreement to a total contract value of \$11,713,168.

Discussion

State Route 91 (SR-91) improvements between Acacia Street and La Palma Avenue (Project) is part of Project I in the Measure M2 (M2) freeway program. This Project is being advanced through the updated Next 10 Delivery Plan that was approved by the Orange County Transportation Authority (OCTA) Board of Directors (Board) in November 2022.

The project improvements include westbound (WB) operational improvements between Acacia Street and La Palma Avenue, WB improvements at State College Boulevard, and reconstruction of the La Palma Avenue overcrossing bridge. The Project will also provide a new bypass ramp that allows northbound (NB) State Route 57 (SR-57) traffic to exit at Orangethorpe Avenue in advance of the SR-91/NB SR-57 connector merge. The WB SR-91/NB SR-57 connector will be adjusted to accommodate the bypass ramp. The existing

Amendment to Agreement for Additional Design Services for State Route 91 Improvement Project Between Acacia Street and La Palma Avenue **Page 2**

La Palma Avenue overcrossing bridge will be replaced with a new bridge that includes standard vertical clearance and four lanes with shoulders and sidewalks. The plans, specifications, and estimates (PS&E) for the Project are currently being prepared by T.Y. Lin International (TYLI).

Additional project scope has been identified, which requires further effort by TYLI to complete the design on schedule. An amendment to the project design agreement is recommended for the following additional services:

Roadway Design

- Additional design surveys are needed due to additional utility potholing required for the Project. These utility potholes are at various locations within the project limits and are necessary to verify the locations of existing utilities in order to avoid conflicts during construction of the project improvements.
- In accordance with updated California Department of Transportation (Caltrans) standards, short earth retaining concrete barriers can no longer be utilized as a standard plan for barrier and are required to be designed as retaining walls. Furthermore, to conform to the new Caltrans standards, planned retaining walls need to be redesigned and wall plan details need to be updated.
- Caltrans requested the replacement of the entire existing non-standard median barrier throughout the project limits to meet current safety standards. TYLI needs to modify the design plans to remove and replace the existing median barrier and include the associated work related to, and impacted by, the median concrete barrier replacement.
- The City of Anaheim (City) requested the replacement of the existing curb return at a local intersection to comply with the City's standards. Replacement of the curb return also requires replacement of an existing traffic signal. These improvements are needed to facilitate the La Palma Avenue bridge replacement and new roadway profile and alignment of La Palma Avenue as it joins the intersection with Blue Gum Street.

- The City requested additional traffic impact analyses at several intersections to support the proposed construction traffic detours on local city streets, due to the planned single-phase bridge construction of the La Palma Avenue overcrossing bridge.

Reports

Caltrans requested a supplemental project report be developed capturing all major design changes since the environmental phase. In addition, a supplemental design standard decision document is needed to record additional design exceptions due to the median barrier replacement, construction staging, and refined design of the WB SR-91/SR-57 connectors and the Orangethorpe Avenue bypass ramp.

Caltrans Multi-Asset Project

Within the SR-91 corridor, including the segment from Acacia Street to La Palma Avenue, Caltrans is developing the PS&E for a multi-asset project (MAP) which includes pavement rehabilitation, safety device upgrades, census stations, lighting and electrical conduit replacements, and striping. At the request of Caltrans, the MAP scope will be combined with the Project's scope of work, with all improvements included in one construction bid package. This will ensure efficient construction of all improvements and will minimize disruption to the traveling public, construction fatigue, potential construction conflicts, and redundant work. To accomplish this, TYLI would need to coordinate with Caltrans to ensure the compatibility of the two PS&E packages as part of the Project. The combining efforts would be shared by Caltrans' consultant and TYLI, and this amendment includes only additional efforts required by TYLI. Additional meetings and communication with Caltrans and their consultant are also needed to ensure the combined deliverables will be completed within the project schedule. The Caltrans MAP project scope is funded by Caltrans State Highway Operation and Protection Program funding for the construction phase.

Procurement Approach

This procurement was handled in accordance with OCTA's Board-approved procedures for architectural and engineering services, which conform to both state and federal laws. The original firm-fixed price agreement was issued on November 30, 2020, in the amount of \$8,709,608, for the preparation of the PS&E. This agreement has been previously amended as shown in Attachment A.

Amendment to Agreement for Additional Design Services for State Route 91 Improvement Project Between Acacia Street and La Palma Avenue **Page 4**

It has become necessary to amend the existing agreement to include additional design services.

OCTA staff negotiated the required level of effort with TYLI to provide the additional design services as described above. OCTA found TYLI's price proposal, in the amount of \$968,914, to be fair and reasonable relative to the negotiated level of effort and the independent cost estimate prepared by the OCTA project manager. Proposed Amendment No. 3 to Agreement No. C-0-2073 will increase the total contract value to \$11,713,168.

Fiscal Impact

The Project is included in OCTA's Fiscal Year 2023-24 Budget, Capital Programs Division, Account No. 0017-7519-FI104-0U9, and will be funded through net excess 91 Express Lanes revenue.

Summary

Staff requests Board of Directors' approval to authorize the Chief Executive Officer to negotiate and execute Amendment No. 3 to Agreement No. C-0-2073 between the Orange County Transportation Authority and T.Y. Lin International, to increase funding, in the amount of \$968,914, for additional design services for the State Route 91 Improvement Project between Acacia Street and La Palma Avenue.

Attachment

- A. T.Y. Lin International, Agreement No. C-0-2073 Fact Sheet

Prepared by:



Jeannie Lee, P.E.
Senior Project Manager
(714) 560-5735

Approved by:



James G. Beil, P.E.
Executive Director, Capital Programs
(714) 560-5646



Pia Veasapen
Director, Contracts Administration and
Materials Management
(714) 560-5619

**T.Y. Lin International
Agreement No. C-0-2073 Fact Sheet**

1. July 13, 2020, Agreement No. C-0-2073, \$8,709,608, approved by the Board of Directors (Board).
 - The agreement was executed on November 30, 2020, for the preparation of plans, specifications, and estimates for the State Route 91 Improvement Project between Acacia Street and La Palma Avenue.
2. February 14, 2022, Amendment No. 1 to Agreement No. C-0-2073, \$1,964,639, approved by the Board.
 - Additional design and environmental clearance services for the new Orangethorpe Avenue bypass ramp bridge.
 - Electrical and lighting plans for the La Palma Avenue bridge.
 - Change in key personnel.
3. January 10, 2023, Amendment No. 2 to Agreement No. C-0-2073, \$70,007, approved by the Contracts Administration and Materials Management Department.
 - Additional design services for the bypass ramp for the northbound State Route 57.
4. November 13, 2023, Amendment No. 3 to Agreement No. C-0-2073, \$968,914, pending approval by the Board.
 - Additional design services for roadway design, supplemental reports, and additional efforts for combined deliverables that include the California Department of Transportation multi-asset project scope.

Total funds committed to T.Y. Lin International after approval of Amendment No. 3 to Agreement No. C-0-2073: \$11,713,168.



November 6, 2023

To: Regional Transportation Planning Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Adopt Resolution Authorizing the Executive Director of Capital Programs or Designee to Execute Right-of-Way Certifications

Overview

The Orange County Transportation Authority is currently acquiring and managing numerous properties required for the construction and delivery of capital improvement projects. As part of the acquisition and management process, the Orange County Transportation Authority must, by general resolution, authorize certain policies and procedures to implement this process in compliance with federal and state laws. The current Real Property Policies and Procedures Manual, dated August 2022, was approved by the Board of Directors with the adoption of Resolution 2022-052 on August 22, 2022. Staff is now requesting a separate resolution authorizing the Executive Director of Capital Programs or designee to execute right-of-way certifications.

Recommendation

Adopt Resolution No. 2023-061 authorizing the Executive Director of Capital Programs or designee to execute right-of-way certifications.

Background

In the course of developing and delivering transportation projects, the acquisition of public and private properties may be required to implement the project. Although extensive efforts are made during the design process to minimize impacts to property owners, some projects require the acquisition of public and private properties. Orange County Transportation Authority (OCTA) staff follows the current Board of Directors (Board)-approved Real Property Policies and Procedures Manual, dated August (Current Policies Manual), to properly handle the acquisition and management of property. The approved Current Policies Manual is intended to describe the internal steps that OCTA takes to ensure compliance with federal and state laws.

Discussion

Staff is seeking approval to implement a separate resolution that authorizes the Executive Director of Capital Programs, or designee, to execute right-of-way (ROW) certifications (Attachment A). This request is being made on behalf of the California Department of Transportation (Caltrans) who have determined it is needed to comply with the Caltrans ROW Manual. This resolution is consistent with OCTA's Current Policies Manual as approved by the previous resolution of the Board.

When implementing projects, the Real Property Department is responsible for acquiring property, relocating utilities, and completing other ROW activities necessary to clear a path for construction activities to be completed without delay. The Executive Director of Capital Programs oversees all responsibilities of the Real Property Department. The Current Policies Manual allows the Executive Director of Capital Programs to execute and approve ROW Certifications.

ROW certification is a written statement summarizing the status of all ROW-related matters pertaining to a proposed construction project. The purpose of the ROW certification is to document that the construction project is ready for advertising and states that real property interests have been, or are being, secured, physical obstructions including utilities and railroads have been, or will be, removed, relocated, or protected as required for construction, and ROW acquisition and relocation assistance program requirements were conducted in accordance with applicable federal and state laws and procedures.

Caltrans policy requires a ROW certification to be executed prior to a construction project achieving the Ready to List (RTL) certification milestone. The RTL certification documents that all applicable design, ROW, environmental, regulatory, and statutory conditions have been addressed prior to the advertisement of the project for construction bids.

The Caltrans ROW Manual requires that an agency such as OCTA adopt a resolution that specifically names the individual or job title that has the authorization to execute ROW certifications. OCTA's Current Policies Manual authorizes the Executive Director of Capital Programs as the individual authorized to execute ROW certifications; however, there is no accompanying resolution specifically noting the authorization. Based on a recent review of policies, Caltrans is requiring OCTA to provide a separate specific resolution naming that individual by title in order to accept a ROW certification signed by the Executive Director of Capital Programs.

Summary

Staff recommends the Board of Directors adopt Resolution No. 2023-061 authorizing the Executive Director of Capital Programs or designee to execute all ROW certifications consistent with Resolution No. 2022-052 authorizing procedures outlined in OCTA's Current Policies Manual.

Attachment

- A. Resolution No. 2023-061

Prepared by:



Joe Gallardo
Manager, Real Property
(714) 560-5546

Approved by:



James G. Beil, P.E.
Executive Director, Capital Programs
(714) 560-5646

RESOLUTION NO. 2023-061

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE ORANGE COUNTY TRANSPORTATION AUTHORITY AUTHORIZE THE EXECUTIVE DIRECTOR, CAPITAL PROGRAMS, OR DESIGNEE, TO EXECUTE ALL RIGHT-OF-WAY CERTIFICATIONS

WHEREAS, The Orange County Transportation Authority (OCTA) is undertaking the construction of ongoing and future capital projects;

WHEREAS, as a requirement for receiving state and federal funding in regard to such projects, OCTA must certify that it has obtained legal and physical possession of all properties within the limits of the projects, in accordance with policies and procedures established by the California Department of Transportation;

WHEREAS, as a part of the requirement for receiving state and federal funding in regard to such projects, the OCTA Board of Directors previously adopted Resolution 2010-004 authorizing the Executive Director, Development Division, or designee, to execute right-of-way certifications;

WHEREAS, OCTA has since updated its Real Property Policies and Procedures Manual ("Manual") pursuant to Resolutions 2013-072 and 2022-052, including provisions related to right-of-way certifications and confirms that Resolution 2010-004 should be superseded to conform to these updated provisions of the Manual;

WHEREAS, OCTA may, by general resolution, authorize an officer or agent to act on behalf of the Board of Directors in certain matters and it is in the interest of convenience and efficiency to designate the Executive Director, Capital Programs, or designee, as the officer now authorized to execute said right-of-way certifications;

NOW, THEREFORE, BE IT RESOLVED that the OCTA Board of Directors find as follows:

1. That all of the above recitations are true and correct.
2. That the Executive Director, Capital Programs, is hereby authorized to execute right-of-way certifications on behalf of the Authority in order to comply with Caltrans and the Federal government any amendments or revisions thereof.

PASSED, ADOPTED and APPROVED on this _____ day of _____, 2023.

GENE HERNANDEZ, CHAIRMAN
ORANGE COUNTY TRANSPORTATION AUTHORITY

APPROVED AS TO FORM:

JAMES M. DONICH
GENERAL COUNSEL

ATTEST:

I, Andrea West, Clerk of the Board of Directors of the Orange County Transportation Authority, do hereby certify that the foregoing Resolution No. 2023-061, by the following votes:

AYES:


NOES:

ABSENT:

ANDREA WEST
CLERK OF THE BOARD



November 6, 2023

To: Regional Transportation Planning Committee
From: Darrell E. Johnson, Chief Executive Officer 
Subject: Agreement for Biological Preserve Monitoring Services

Overview

Consultant services are needed to provide biological monitoring of the conservation lands acquired through the Orange County Transportation Authority's Measure M2 Environmental Mitigation Program. Proposals were received in accordance with the Orange County Transportation Authority's procurement procedures for professional and technical services. Approval is requested to execute an agreement to provide these services.

Recommendations

- A. Approve the selection of Glenn Lukos Associates, Inc., to provide biological preserve monitoring services.
- B. Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2700 between the Orange County Transportation Authority and Glenn Lukos Associates, Inc., in the amount of \$500,000, to provide biological preserve monitoring services for a four-year term.

Discussion

Measure M2 (M2) includes the Environmental Mitigation Program (EMP), intended to mitigate the biological resource impacts of the 13 M2 freeway projects and streamline approval processes with state and federal resource agencies. This was achieved by developing a Natural Community Conservation Plan/Habitat Conservation Plan (Conservation Plan), approved by the California Department of Fish and Wildlife and the United States Fish and Wildlife Service (Wildlife Agencies). As shown in Attachment A, the Orange County Transportation Authority (OCTA) has acquired seven conservation properties (Preserves) consistent with the Conservation Plan.

The Wildlife Agencies approved the Conservation Plan and issued permits to OCTA in 2017. As required by the Conservation Plan, each Preserve has a completed Resource Management Plan (RMP) that defines the necessary management activities. OCTA maintains separate contracts to cover the security, maintenance, and biological monitoring needs of the Preserves. The OCTA project manager serves as the Preserve Manager and coordinates the activities of the different contractors.

OCTA requires the services of a consultant to serve as a resource to facilitate the successful completion of various tasks for all seven of the Preserves. This includes general biological monitoring, focused species surveys (plants and animals), United States Army Corps of Engineers required monitoring tasks, invasive species control, comprehensive vegetation mapping, and assistance with public outreach events and routine reporting. Approving the agreement for biological monitoring services on the Preserves will enable OCTA to meet its commitments pursuant to the Conservation Plan.

Procurement Approach

This procurement was handled in accordance with OCTA Board of Directors (Board)-approved procedures for professional and technical services. In addition to cost, many other factors are considered in an award for professional and technical services. The award is recommended to the firm offering the most comprehensive overall proposal, considering such factors as project organization and staffing, prior experience with similar projects, work plan, as well as cost and price.

On July 12, 2023, Request for Proposals (RFP) 3-2700 was issued electronically on CAMM NET. The project was advertised in a newspaper of general circulation on July 12 and July 17, 2023. A pre-proposal conference was held on July 18, 2023, with 12 attendees representing nine firms. Three addenda were issued to provide a copy of the pre-proposal registration sheet and presentation, as well as respond to questions related to the RFP.

On August 8, 2023, four proposals were received. One firm retracted its proposal as its intent was to introduce its firm as a vendor to OCTA and not as a proposer to the RFP. An evaluation committee consisting of OCTA staff from Contracts Administration and Materials Management, Project Development, and Transportation Modeling departments, as well as an external representative from Orange County Public Works, met to review all proposals received. The proposals were evaluated based on the following evaluation criteria and weightings:

-
- Qualifications of the Firm 25 Percent
 - Staffing and Project Organization 30 Percent
 - Work Plan 20 Percent
 - Cost and Price 25 Percent

Several factors were considered in developing the criteria weightings. The qualifications of the firm were weighted at 25 percent as the firms must demonstrate relevant experience monitoring similar biological resources. Staffing and project organization was weighted at 30 percent to ensure the proposed project team met the required skills and expertise needed to perform the work. The work plan was weighted at 20 percent as the firms had to demonstrate their understanding of the habitats and species in the Preserves and discuss their approach to monitoring the Preserves. Cost and price was weighted at 25 percent to ensure hourly rates remain competitive.

On August 15, 2023, the evaluation committee reviewed three proposals based on the evaluation criteria and short-listed the two most qualified firms. The two short-listed firms are listed below in alphabetical order:

Firm and Location

Chambers Group, Inc. (Chambers Group)
Costa Mesa, California

Glenn Lukos Associates, Inc. (GLA)
Santa Ana, California

On August 23, 2023, the evaluation committee interviewed the short-listed firms. The interviews consisted of a presentation by each firm to demonstrate their understanding of OCTA's requirements. The firms' project managers and key team members had an opportunity to present each team's qualifications and respond to the evaluation committee's questions. Questions were asked relative to the firms' knowledge of stressors affecting conserved lands, proposed subcontractor experience, staff training, and certifications, as well as specific clarification questions related to each firm's proposal. At the conclusion of the interviews, a request for a best and final offer (BAFO) was sent to both firms to seek additional clarifications related to proposed key personnel and final pricing.

After considering responses to questions asked during the interviews, as well as information provided in the BAFO, the evaluation committee reviewed the preliminary ranking and made adjustments to individual scores. However, GLA remained the higher-ranked firm with the higher overall score.

Based on the evaluation of the written technical proposals and the information obtained from the interviews, the evaluation committee recommends GLA for consideration of contract award. The following is a brief summary of the proposal evaluation results.

Qualifications of the Firm

GLA is located in the City of Santa Ana and has been providing environmental services since 1989. The firm employs 19 full-time environmental professionals, four part-time staff, and four administrative staff. The firm has extensive experience with preserve management, specifically within Orange County (OC). The firm has worked with several local public and private entities including biological and regulatory services for the City of Laguna Beach and rapid assessment monitoring for the Rancho Mission Viejo Land Trust. The firm also provided monitoring services for the Ranch at Laguna Beach Project with the City of Laguna Beach, which involved coordination with the United States Fish and Wildlife Services and the California Coastal Commission, demonstrating the firm's ability to coordinate with multiple agencies during a project. GLA currently provides biological preserve monitoring support at the OCTA Preserves and serves as a guide during OCTA public outreach events. Additionally, GLA's proposed subcontractor has worked on the same project for OCTA for the past eight years and has experience working with GLA for 26 years. GLA has also provided various biological monitoring and regulatory services for the Irvine Company and the Rancho Mission Viejo Company. Lastly, the work performed was consistent with the County of Orange Central and Coastal Natural Community Conservation Plan/Habitat Conservation Plan requirements. GLA received positive feedback from its references.

Founded in 1979, Chambers Group is headquartered in the City of Costa Mesa with an additional office in the City of San Diego. The firm has a total of 40 full-time employees. Chambers Group detailed its ability to comply with multiple regulatory agency requirements, such as adherence to the California Environmental Quality Act. Although the firm has experience providing monitoring of several species, the proposal did not demonstrate experience working with some species identified in the scope of work (SOW), such as large mammals. Additionally, the firm's proposal lacked details on experience with open space preserve monitoring services. Chambers Group proposed a subcontractor who is a master-certified arborist with extensive experience; however, the firm did not address experience working with the proposed subcontractor and provided limited information in response to questions regarding its past experience with the proposed subcontractor. Chambers Group received positive feedback from its references.

Staffing and Project Organization

GLA proposed a project team with extensive experience that includes individuals currently providing biological preserve monitoring services for the OCTA Preserves. The proposed project manager has 18 years of experience in managing teams of biologists, restoration ecologists, monitors, and Geographic Information System (GIS) specialists for projects throughout Southern California. The proposed lead biologist has over 26 years of experience, and the proposed restoration ecologist developed all the invasive species management plans for the OCTA Preserves. The proposed GIS Specialist met the minimum years of experience required in the SOW. The proposed team demonstrated knowledge in key areas such as sensitive wildlife, plant species, and vegetation communities in the foothills and coastline. The proposed team also has relevant experience with restoration projects, sensitive species surveys, vegetation mapping, plant surveys, and other environmental services throughout OC. Furthermore, the proposed team has experience with all covered species and habitats identified in the SOW. During the interview, the project team provided thorough responses to the evaluation committee's questions.

Chambers Group proposed a project team with restoration and monitoring project experience. The proposed project manager has over 15 years of experience in project management and as a restoration ecologist. The proposed lead biologist and certified arborist have 13 and 20 years of experience, respectively. In their proposal, the GIS Specialist lacked the minimum years of experience required in the SOW. The firm's staff demonstrated experience with biological monitoring in OC and the ability to be cross-trained and fill dual roles during project implementation. Additionally, staff experience with the specific covered species mentioned in the SOW was not clear. Clarifying questions related to these areas were asked during the interview; however, Chambers Group did not provide clear responses about their experience related to the OCTA-covered species and GIS relevant experience.

Work Plan

GLA presented a comprehensive work plan that addressed all elements of the SOW. The firm presented a clear approach to accomplish the necessary tasks and flexibility in scheduling based on needs. GLA demonstrated an understanding and background of the OCTA's Conservation Plan, RMPs, and goals of the M2 EMP. The firm demonstrated knowledge of current OCTA Preserve conditions and potential issues and threats, as well as documentation of covered species such as location data. Additionally, the firm provided detail on their ability to use photo monitoring and mapping for wildlife and vegetation communities, as well as invasive species on the OCTA Preserves which helps

to determine wildlife movement and monitoring over the health of different natural communities within the OCTA Preserves. Furthermore, the firm's approach emphasized the need to shift and be flexible depending on OCTA Preserve needs. During the interview, the project team's presentation expanded on their understanding of the project requirements.

Chambers Group demonstrated a good understanding of the SOW requirements. The firm discussed its approach to completing the requirements of the SOW and outlined the activities involved in doing so. The firm provided details on its quality assurance and quality control measures, as well as addressed timelines and schedules related to monitoring the OCTA Preserves. The firm had several deficiencies regarding its work plan, such as frequency of site visits needed at select OCTA Preserves and their approach geared toward monitoring mitigation sites as opposed to open space managed lands. In addition, there was no mention of potential issues facing OCTA Preserves. During the interview, Chambers Group provided general responses to questions and additional detail was not provided outside of what was already discussed in the proposal.

Cost and Price

Pricing scores were based on a formula that assigned the higher score to the firm with the lower weighted average hourly rate and scored the other proposal's weighted average hourly rate based on its relation to the lower weighted average hourly rate. Although GLA's weighted average hourly rate was not the lower of the short-listed firms, the rates are deemed fair and reasonable as they are competitive with contracts for similar services. Therefore, GLA's proposed hourly rates are deemed fair and reasonable.

Procurement Summary

Based on the evaluation of written proposals, the firms' qualifications and the information obtained from the interviews and BAFO, the evaluation committee recommends the selection of GLA as the top-ranked firm to provide biological preserve monitoring services. GLA delivered a thorough and comprehensive proposal and an interview that was responsive to all the requirements of the RFP.

Fiscal Impact

This project was approved in OCTA's Fiscal Year 2023-24 Budget, Planning Division, Account No. 0017-7519-FX001-OYP, and is funded with local funds from M2 sales tax revenues.

Summary

Staff recommends the Board of Directors authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2700 between the Orange County Transportation Authority and Glenn Lukos Associates, Inc., in the amount of \$500,000, to provide biological preserve monitoring services for a four-year term.

Attachments

- A. OCTA Preserves
- B. Review of Proposals, RFP 3-2700 Biological Preserve Monitoring Services
- C. Proposal Evaluation Criteria Matrix (Short-listed Firms), RFP 3-2700 Biological Preserve Monitoring Services
- D. Contract History for the Past Two Years, RFP 3-2700 Biological Preserve Monitoring Services

Prepared by:



Lesley Hill
Project Manager, Environmental
Mitigation Program
(714) 560-5907

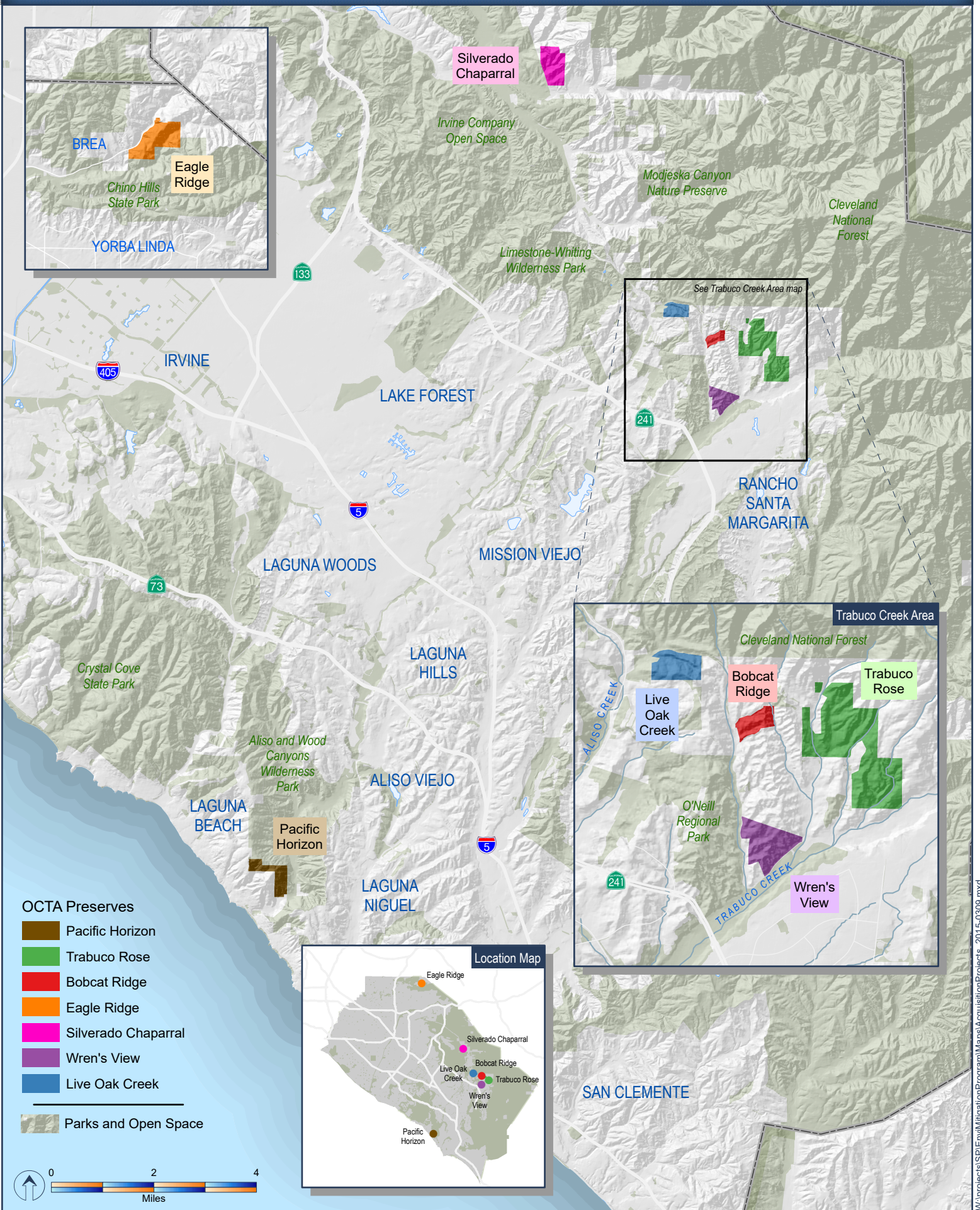
Approved by:



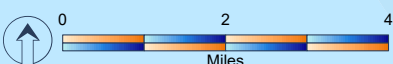
Kia Mortazavi
Executive Director, Planning
(714) 560-5741



Pia Veessapen
Director, Contracts Administration and
Materials Management
(714) 560-5619



- OCTA Preserves**
- Pacific Horizon
 - Trabuco Rose
 - Bobcat Ridge
 - Eagle Ridge
 - Silverado Chaparral
 - Wren's View
 - Live Oak Creek
- Parks and Open Space**
- Parks and Open Space



Review of Proposals

RFP 3-2700 Biological Preserve Monitoring Services

Presented to the Regional Transportation Planning committee on November 6, 2023

Four proposals were received, two firms were interviewed, one firm is being recommended.

Overall Ranking	Proposal Score	Firm & Location	Sub-Contractors	Evaluation Committee Comments	Total Weighted Average Hourly Rate
1	85	Glenn Lukos Associates, Inc. Santa Ana, California	Dudek and Associates	<p>Has been providing environmental services since 1989 with 19 full-time employees. Experience includes biological and regulatory services for the City of Laguna Beach and rapid assessment monitoring for Rancho Mission Viejo Land Trust. Currently provides biological preserve monitoring support to OCTA's seven conservation properties (Preserves). Work performance is consistent with County of Orange Central and Coastal Natural Community Conservation Plan/Habitat Conservation Plan requirements and regulatory requirements. Received positive comments from references. Proposed a qualified team with project manager having 18 years of experience. Lead Biologist has 26 years of experience performing similar work. Work plan addressed all elements of the scope of work including covered species. Firm provided thorough responses to the evaluation committee's questions.</p>	\$189
2	79	Chambers Group, Inc. Costa Mesa, California	Tree Path	<p>Founded in 1979 with 40 full-time employees. Firm has knowledge of multiple regulatory agency requirements such as the California Environmental Quality Act. Proposed project manager has 15 years of experience in project management and as a restoration ecologist. Several of the firm's staff are cross-trained and can fill dual roles. Firm's work plan demonstrated its understanding of the OCTA Preserves and project scope. Firm did not successfully demonstrate experience working with all covered species mentioned in the scope of work. Did not provide detail on past relevant work with proposed subcontractor. Firm provided general responses to interview questions and additional detail was not provided outside of what was already discussed in the proposal. Received positive comments from references. Proposed lower hourly rates.</p>	\$149

Evaluation Panel:

Internal:
 Contracts Administration and Materials Management (1)
 Project Development (2)
 Transportation Modeling (1)
 External:
 Orange County Public Works (1)

Proposal Criteria

Qualifications of the Firm
 Staffing and Project Organization
 Work Plan
 Cost and Price

Weight Factors

25%
 30%
 20%
 25%

ATTACHMENT C

**PROPOSAL EVALUATION CRITERIA MATRIX (SHORT-LISTED FIRMS)
RFP 3-2700 Biological Preserve Monitoring Services**

Glenn Lukos Associates, Inc.						Weights	Overall Score
Evaluation Number	1	2	3	4	5		
Qualifications of Firm	4.5	4.5	4.5	4.5	4.5	5	22.5
Staffing/Project Organization	4.0	4.5	4.0	4.0	4.5	6	25.2
Work Plan	4.5	4.0	4.5	4.5	4.5	4	17.6
Cost and Price	3.9	3.9	3.9	3.9	3.9	5	19.5
Overall Score	84.0	85.0	84.0	84.0	87.0		85
Chambers Group, Inc.						Weights	Overall Score
Evaluation Number	1	2	3	4	5		
Qualifications of Firm	3.5	3.5	3.5	4.0	3.5	5	18.0
Staffing/Project Organization	3.5	3.5	4.0	3.5	3.5	6	21.6
Work Plan	3.5	3.5	3.5	3.5	3.5	4	14.0
Cost and Price	5.0	5.0	5.0	5.0	5.0	5	25.0
Overall Score	77.5	77.5	80.5	80.0	77.5		79

Score for non-short-listed firm was 68.

Acronyms

RFP - Request for Proposal

CONTRACT HISTORY FOR THE PAST TWO YEARS

RFP 3-2700 Biological Preserve Monitoring Services

Prime and Subconsultants	Contract No.	Description	Contract Start Date	Contract End Date	Subconsultant Amount	Total Contract Amount
Glenn Lukos Associates, Inc.						
Contract Type: Time-and-Expense	C-0-2479	Biological Monitoring Support Services	December 1, 2020	May 31, 2024		\$395,000
Subconsultants:						
<i>Dudek and Associates</i>						
Contract Type: Time-and-Expense	C-0-2701	Regulatory Services Enviornmental Support	April 1, 2021	March 31, 2026		\$500,000
Subconsultants:						
<i>Dudek and Associates</i>						
					Sub Total	\$895,000
Chambers Group, Inc.						
Contract Type:	None					\$ -
Subconsultant:						
					Sub Total	\$0

Acronyms

No. - Number

RFP - Request for Proposal



November 6, 2023

To: Regional Transportation Planning Committee
From: Darrell E. Johnson, Chief Executive Officer
Subject: Interstate 405 Improvement Project Update

A handwritten signature in blue ink, appearing to read "Darrell E. Johnson", is written over the "To:" and "From:" fields of the header.

Overview

The Orange County Transportation Authority is currently underway with the implementation of the Interstate 405 Improvement Project. This report provides a project update.

Recommendation

Receive and file as an information item.

Background

The Orange County Transportation Authority (OCTA), in cooperation with the California Department of Transportation (Caltrans) and the cities of Costa Mesa, Fountain Valley, Huntington Beach, Seal Beach, and Westminster, is implementing the Interstate 405 (I-405) Improvement Project between State Route 73 (SR-73) and Interstate 605 (I-605) (Project). The Project will add one general purpose lane in each direction from Euclid Street to I-605, consistent with Measure M2 Project K, and will add an additional lane in each direction that will combine with the existing high-occupancy vehicle lane to provide dual express lanes in each direction of I-405 from SR-73 to I-605, otherwise known as the 405 Express Lanes.

On November 14, 2016, the OCTA Board of Directors (Board) awarded the design-build (DB) contract to OC 405 Partners (OC405), a joint venture. OCTA executed the DB contract with OC405 and issued Notice to Proceed (NTP) No. 1 on January 31, 2017. NTP No. 1 was a limited NTP for mobilization, design, and administrative activities. On July 27, 2017, OCTA issued NTP No. 2 to OC405. NTP No. 2 was a full NTP for all activities, including construction. The overall project cost is approximately \$2.16 billion.

Discussion

Current Status

The Project is over 95 percent complete from a DB perspective. A number of activities are ongoing as construction work continues to advance towards completion. The following provides a more detailed status of project activities.

DB Contract

The status of OC405's construction activities that are complete or ongoing include:

- All bridges are complete and open to traffic. This includes the 18 bridge replacements and the new and improved bridges.
- All ramps are complete and open to traffic.
- All walls and paving are complete.
- All improvements to Orange County Flood Control District facilities are complete.
- The remaining physical work primarily consists of landscaping, additional bridge lighting, cultural resources restoration, and punch list activities.
- Remaining work also includes quality documentation and project close-out activities.

From a DB standpoint, the primary risks remaining include a force majeure event or OCTA-directed changes in the scope of work.

Tolling Elements

Kapsch TrafficCom USA, Inc., (Kapsch) serves as the provider of the electronic toll and traffic management (ETTM) system on the 405 Express Lanes and is responsible for staffing the Traffic Operations Center (TOC). WSP USA Services, Inc., (WSP) is responsible for the back-office system and customer service center operations.

The status of 405 Express Lanes activities that are complete or ongoing include:

- Toll policy approved by the Board and initial toll rate schedule developed.
- Freeway Service Patrol contracts executed, and service will begin on opening day.
- Tenant improvements completed at the customer service center in Costa Mesa.
- Tenant improvements completed at the TOC.
- First shipment of transponders received.

- Completed installation of ETTM equipment and Kapsch is performing on-site installation testing.
- System integration testing for the WSP systems has been completed and user acceptance testing has commenced.
- WSP has begun staffing the customer service center.
- An enforcement services agreement with the California Highway Patrol has been approved by the Board and is awaiting execution by all parties.
- A maintenance agreement with Caltrans is being finalized and will be submitted to the Board for approval.
- Development of the logo and branding as well as several awareness elements, including multi-lingual brochures, social media advertising, and website development are ongoing.

From a tolling standpoint, the primary risks include coordination between OC405 and Kapsch, and the timely testing of the tolling equipment by Kapsch. Similarly, WSP's successful development and testing of the tolling back-office system, in addition to the interaction with the Kapsch data, is also key to remaining on schedule for the opening of the 405 Express Lanes in early December 2023.

Next Steps

OCTA staff, OC405, Kapsch, and WSP continue to work closely together to accomplish the opening of all lanes, including the 405 Express Lanes, later this year. Activities will include final completion of the 405 Express Lanes striping and channelizers, final testing of the tolling systems, as well as the hiring and training of employees by Kapsch and WSP for the TOC and customer service center, respectively.

Next steps also include the following project milestones:

- Early December 2023 – Anticipated opening of all lanes. This includes the new general purpose lanes, the 405 Express Lanes, and all ramp and local street lanes.
- February 2024 – DB project completion. Between late 2023 and February 2024, miscellaneous construction activities will be ongoing, including landscaping, installation of remaining bridge lighting, cultural resources restoration, and punch-list items.
- June 2024 – DB final acceptance. Between February and June 2024, final punch-list items will be addressed, and OCTA will be working with stakeholders to accept the project improvements, including Caltrans, the cities, and the County.
- June 2027 – DB contract acceptance. Between June 2024 and June 2027, the design-builder is required to maintain the landscaping as part of a three-year plant establishment period.

Summary

Construction continues to advance in order to achieve the opening of all lanes in early December 2023. Construction, final utility relocations, implementation of tolling elements, public outreach, and preliminary close-out activities are in process to complete the construction phase of the Project.

Attachment

None.

Prepared by:



Jeff Mills, P.E.
Senior Program Manager
(714) 560-5925

Approved by:



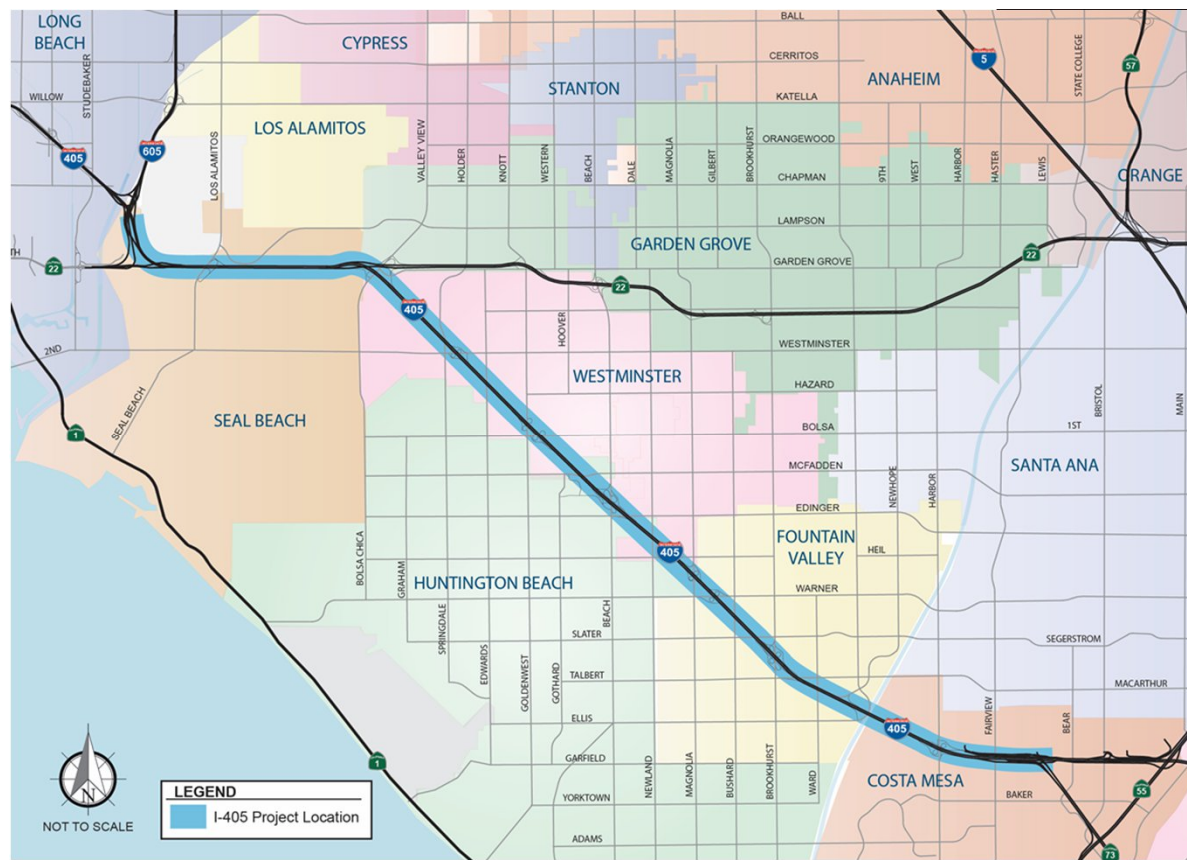
James G. Beil, P.E.
Executive Director, Capital Programs
(714) 560-5646



Interstate 405 Improvement Project Update



Project Location and Key Features



Background



Milestone	Completion Date
Environmental clearance	May 2015
Orange County Transportation Authority (OCTA) Board of Directors awards design-build (DB) contract to OC 405 Partners (OC405)	November 2016
Notice to Proceed (NTP) No. 1 issued	January 2017
TIFIA* loan executed	July 2017
NTP No. 2 issued	July 2017
Construction began	March 2018
Anticipated opening of all lanes	Early December 2023

* Transportation Infrastructure Finance and Innovation Act

Design-Build Project Update



General

- Over 95 percent complete with Interstate 405 (I-405) Improvement Project
- Remaining work consists of landscaping, additional bridge lighting, cultural resources restoration, and punch-list activities

Construction

- All bridges complete
- All ramps complete
- All walls and paving complete

Construction Update



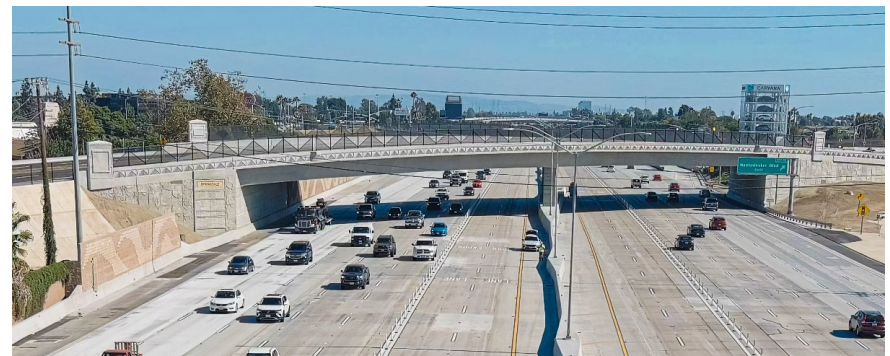
I-405/State Route 73 (SR-73) median connector



Ward Street bridge

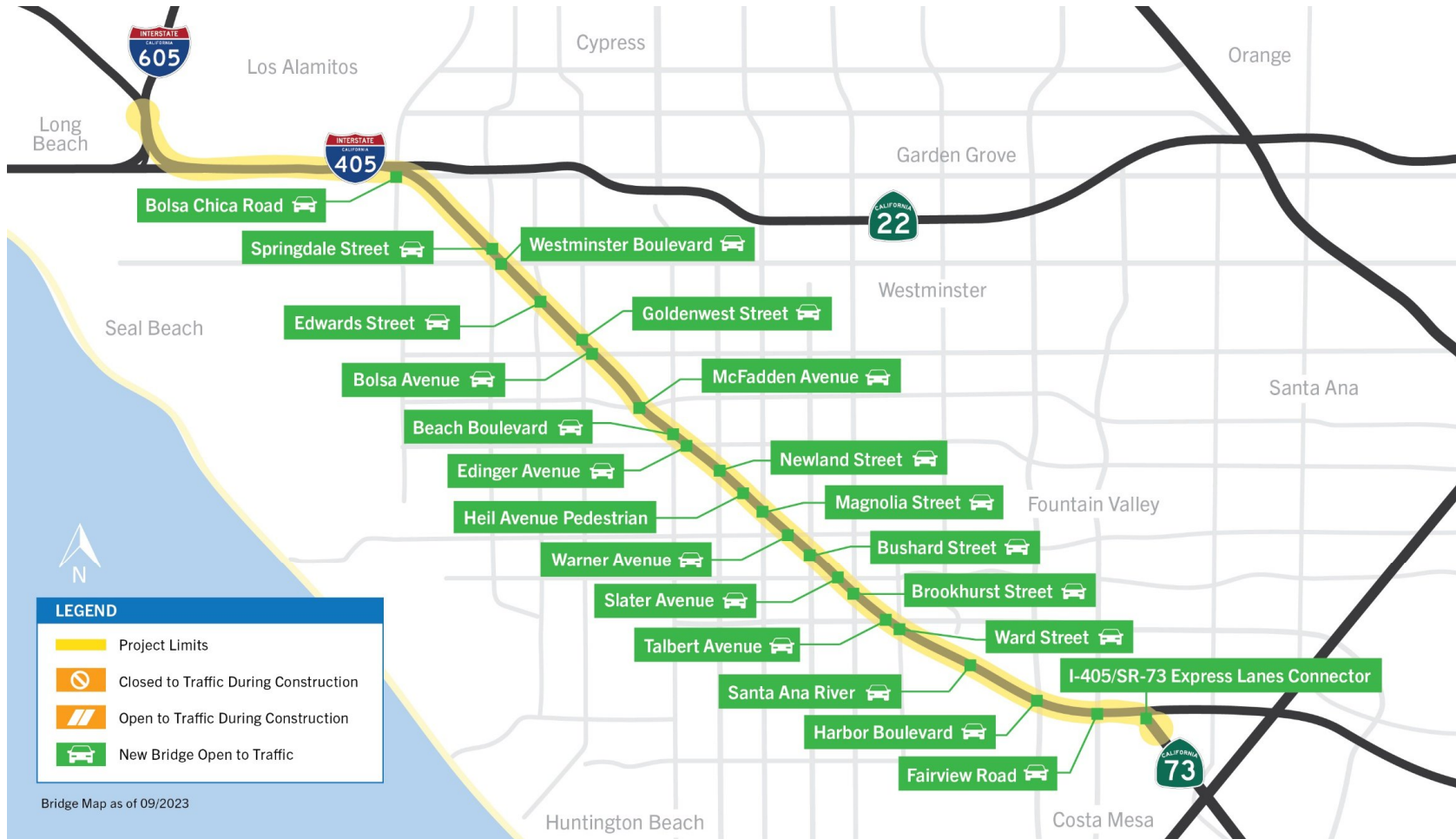


Newland Street bridge



Springdale Street bridge

Bridge Construction Map



Major Risks Remaining



DB risks:

- Force majeure event
- Changes in scope of work

Tolling risks:

- Toll lanes system integrator coordination, equipment installation, and testing
- Tolling vendor delivery of back-office system services

Express Lanes Update



General

- Enforcement services agreement with the California Highway Patrol approved
- First shipment of transponders received

Back-Office System/Customer Service Center Services

- Selected WSP USA Services, Inc., (WSP) in 2021
- System development continues
- System integration testing is complete and user acceptance testing is ongoing

Toll Lane System

- Selected Kapsch TrafficCom USA, Inc., (Kapsch) in 2018
- Installation complete and system testing continues

Express Lanes Update (Cont.)



Traffic Operations Center

- Tenant improvements completed
- Hiring of staff has commenced (provided by Kapsch)

Customer Service Center

- Tenant improvements completed
- Hiring of staff continues (being provided by WSP)

Upcoming Agreements

- Maintenance agreement with the California Department of Transportation (Caltrans)

Tolling Elements



405 Express Lanes striping and channelizers

Tolling Elements (Cont.)



405 Express Lanes tolling elements

Tolling Elements (Cont.)



405 Express Lanes Customer Service Operations Center

Tolling Elements (Cont.)



405 Express Lanes Traffic Operations Center

Next Steps



Milestone	Completion Date
Anticipated opening of all lanes	Early December 2023
DB project completion (landscaping, installation of remaining bridge lighting, cultural resources restoration, and punch-list activities will be ongoing until project completion)	February 2024
DB final acceptance (final punch-list activities will be addressed and acceptance of project improvements by stakeholders, including Caltrans and the cities)	June 2024
DB contract acceptance (end of a three-year plant establishment period)	2027

Project Contact Information



405project@octa.net



888-400-8994 (English/Español)
888-662-6589 (Tiếng Việt)



octa.net/405improvement



[/405improvement](https://www.facebook.com/405improvement)



[@405improvement](https://twitter.com/405improvement)



[@405_Improvement](https://www.instagram.com/405_Improvement)



November 6, 2023

To: Regional Transportation Planning Committee

From: Darrell E. Johnson, Chief Executive Officer

A handwritten signature in blue ink, appearing to read "Darrell E. Johnson", is written over the "From:" line.

Subject: Agreements for Comprehensive Transportation Funding Programs Review Services

Overview

On July 5, 2023, the Orange County Transportation Authority released a request for proposals for comprehensive transportation funding programs review services on an as-needed basis. Proposals were received in accordance with the Orange County Transportation Authority's procurement procedures for professional and technical services. Board of Directors' approval is requested to execute agreements for these services.

Recommendations

- A. Approve the selection of Transportation Engineering and Planning, Inc., and W.G. Zimmerman Engineering, Inc., as the firms to provide comprehensive transportation funding programs review services.
- B. Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2707 between the Orange County Transportation Authority and Transportation Engineering and Planning, Inc., in the amount of \$474,000, for a three-year initial term with two, one-year option terms, to provide comprehensive transportation funding programs review services.
- C. Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2854 between the Orange County Transportation Authority and W.G. Zimmerman Engineering, Inc., in the amount of \$474,000, for a three-year initial term with two, one-year option terms, to provide comprehensive transportation funding programs review services.

Discussion

The Measure M2 (M2) Comprehensive Transportation Funding Programs (CTFP) is the mechanism which the Orange County Transportation Authority (OCTA) uses to administer funding for streets and roads (Project O), signal synchronization (Project P), transit (projects V and W), and water quality (Project X) improvements. These programs allocate M2 funding to CTFP eligible local jurisdictions through various calls for projects, which are subject to guidelines approved by the OCTA Board of Directors (Board).

The CTFP guidelines were reviewed and updated, as appropriate, with the Board's first approval on March 22, 2010, and the most recent update and approval in August 2023. These guidelines identify procedures and requirements that local jurisdictions must satisfy to apply for M2 funding and also define how local jurisdictions can seek reimbursement once grant funds are awarded by OCTA.

Each payment request for each grant undergoes an administrative review by OCTA's Local Programs section for documentation completeness, content accuracy, and adherence with the CTFP guidelines and the original grant application. Once OCTA staff determine that the administrative documentation is correct, the final payment request for each grant undergoes a technical review by a registered professional engineer who certifies eligibility and reasonableness of project expenditures and scope completion. OCTA utilizes consultant resources to perform this review, which includes verification of cost estimates, final design components, contract expenses, project or phase scopes, and other necessary project components and back-up documentation. Upon confirmation that the project has been implemented or constructed as committed to by the local jurisdiction, OCTA management final approval is obtained, and the final payment for the eligible balance of the grant is released to the jurisdiction. The project construction closeout is considered complete.

The Local Programs Department is responsible for administering the M2 CTFP. As of July 2023, there are 235 active CTFP project phases that will require engineering technical review before M2 funding is released to the agencies. Currently, Local Programs contracts with one on-call consultant to complete the technical review for all CTFP project phases involving engineering design, right-of-way (ROW), and construction work.

Given the growing complexity of final report submissions and as more projects transition from preliminary engineering to implementation phase, additional external technical support services are required from multiple consulting firms. The additional help will assist staff to complete the technical reviews in a timely manner, correspond with jurisdictions on the status of technical reviews, and

perform in-depth analysis for each project. It also provides an opportunity for checks and balances to ensure, when questioned, that decisions are agreed to by multiple engineers using the same criteria. Over 100 technical reviews are anticipated for final project reports alone in the next year, hence the need to contract with multiple consultants to ensure projects continue to be systematically reviewed and M2 payments are issued in a timely manner. Alternatively, OCTA would need to extend the turnaround times to process payment requests, which is neither ideal nor efficient and therefore not recommended.

Procurement Approach

The procurement was handled in accordance with OCTA's Board-approved procedures for professional and technical services. Various factors are considered in the award for professional and technical services. The award is recommended to firms offering the most comprehensive overall proposals considering such factors as prior experience with similar projects, staffing and project organization, work plan, as well as cost and price.

On July 5, 2023, Request for Proposals (RFP) 3-2707 was issued electronically on CAMM NET. The procurement was advertised in a newspaper of general circulation on July 5 and July 10, 2023. A pre-proposal conference was held on July 11, 2023, with two attendees representing two firms. Three addenda were issued to make available the pre-proposal conference registration sheets and presentation and address administrative matters.

On August 2, 2023, two proposals were received. An evaluation committee consisting of OCTA staff from Contracts Administration and Materials Management, Local Programs, Project Development, Highway Programs, and Facilities Engineering departments met to review all proposals received. The proposals were evaluated based on the following evaluation criteria and weightings:

- Qualifications of the Firm 20 percent
- Staffing and Project Organization 30 percent
- Work Plan 25 percent
- Cost and Price 25 percent

Several factors were considered in developing the evaluation criteria weightings. The qualifications of the firm were weighted at 20 percent to ensure the firms have experience reviewing various types of projects, payment requests, and supporting documentation. Staffing and project organization was weighted at 30 percent as the expertise, availability, and commitment of the assigned team proposed to do the work will greatly impact the review time and the ability of the

firms to identify and report any concerns within the limited time period. The work plan was weighted at 25 percent to ensure a clear approach and timeline for performing reviews of different types of funding sources, scopes of work, OCTA procedures/guidelines, and ROW acquisitions. Cost and price was weighted at 25 percent to ensure OCTA receives the best value for the services.

On August 16, 2023, the evaluation committee reviewed the proposals from the two firms listed below in alphabetical order based on the evaluation criteria:

Firm and Location

Transportation Engineering and Planning, Inc. (TEP)
Irvine, California

W.G. Zimmerman Engineering, Inc. (WGZE)
Huntington Beach, California

On August 24, 2023, the evaluation committee conducted interviews with both firms. The interviews consisted of a presentation by each firm to demonstrate the firms' understanding of OCTA's requirements. The firms' project managers and key team members had an opportunity to present each team's qualifications and respond to the evaluation committee's questions. Questions were related to the firm's understanding of the scope of work, relevant experience, and potential challenges, as well as quality assurance and quality control measures.

Based on evaluation of the written proposals, as well as information obtained from the interviews, the evaluation committee recommends TEP and WGZE for consideration of award. The following is a summary of the proposal evaluation results.

Qualifications of the Firm

WGZE was established in 1995 and has over 28 years of experience in transportation, traffic, civil engineering services, as well as project management and staff augmentation services. The firm is located in the City of Huntington Beach and has ten employees. The firm demonstrated relevant prior experience related to engineering and funding management services to agencies in Southern California, including OCTA in support of Measure M1 and M2, the Western Riverside Council of Government (WRCOG) in support of the Transportation Uniform Mitigation Fee (TUMF) program, and the City of Signal Hill for on-call traffic engineering services. The firm currently provides OCTA with consultant services for comprehensive transportation funding programs review services. During the interview, WGZE was able to expand on its knowledge of

the scope of work and relevant experience. The firm's references provided positive feedback.

TEP was established in 1994 and provides on-call transportation planning and engineering services to local government agencies. The firm is located in the City of Irvine and has four employees. The firm demonstrated relevant prior experience related to engineering and funding management to agencies including WRCOG in support of traffic mitigation fee administrative assistance, the City of Yorba Linda in support of transportation engineering services, and the City of Colton in support of transportation planning and engineering services. During the interview, TEP was able to expand on its knowledge of the scope of work and relevant experience. The firm's reference provided positive feedback.

Staffing and Project Organization

WGZE's proposed key personnel have extensive experience in conducting final report reviews in local and state funding programs, as well as a strong understanding of the CTFP Procedural Guidelines. The proposed project manager has over 33 years of traffic and civil engineering experience and is a California registered civil and traffic engineer with experience in support of Measure M2, TUMF, and various federal and state funding programs. The proposed staff are the same as those currently working for OCTA on reviews of M2 CTFP projects. The project team presented their roles in delivering the traffic and revenue (M2 and local matching funds) analysis, which demonstrated an understanding of the project requirements, as well as consistency with the firm's written proposal. During the interview, the firm expanded on staff roles and responsibilities.

TEP proposed key personnel with strong transportation experience including coordinating regional funding programs, as well as cost and grant applications for circulation projects. The proposed project manager has more than 45 years of experience in the transportation field, specializing in traffic engineering, with work on WRCOG's TUMF programs and congestion management program compliance for the cities of Colton, Grand Terrace, and Moreno Valley. The proposed staff demonstrated experience in traffic design and project cost estimation. During their interview, the firm further emphasized the support staff's related experience which includes over 20 years of experience in traffic infrastructure design projects and cost estimation.

Work Plan

WGZE proposed a detailed work plan that demonstrated a comprehensive understanding of the scope of work, specifically the final report review for local and state programs, engineering reporting reviews, and ROW acquisitions. The

firm also demonstrated a clear approach for completing the reporting and technical support services identified in the scope of work. The firm provided a relevant scope of work innovation for individualized workshops for agencies to gain guidance and insight on project specific CTFP guidelines, which will lead to a more timely and efficient review of final reports and quicker reimbursement while utilizing less OCTA resources. During the interview, WGZE provided detailed responses to the evaluation committee's questions related to potential challenges for completing the reporting and reviews.

TEP provided a clear work plan that demonstrated an understanding of scope of work objectives including the CTFP guidelines, project programs, and ROW acquisitions. The firm demonstrated an understanding of technical support and reporting and was able to elaborate on these processes during their interview. TEP also provided detailed responses to the evaluation committee's questions related to potential challenges for completing the reporting and reviews. Additionally, the firm elaborated on its process for producing key deliverables and ensuring quality assurance and quality control.

Cost and Price

Pricing scores were based on a formula which assigned the higher score to the firm with the lower total weighted average hourly rate and scored the other proposal's total weighted average hourly rate on its relation to the lower total weighted average hourly rate. Both firms' rates are deemed fair and reasonable as they are competitive with contracts for similar services.

Procurement Summary

Based on the evaluation of written proposals, the firms' qualifications and the information obtained from the interviews, the evaluation committee recommends the selection of TEP and WGZE to provide comprehensive transportation funding programs review services. TEP and WGZE delivered a thorough and comprehensive proposal and an interview that was responsive to all the requirements of the RFP.

Fiscal Impact

The project is included in OCTA's Fiscal Year 2023-24 Budget, Engineering Technical Review and Support, Account No. 0017-7519-TW001-ORL and Engineering Support Services, Account No. 0017-7519-TW001-TDV. There are two separate account numbers for this procurement to track expenses for multiple consultant contracts. Future year funding will be included in each year's operating budget.

Summary

Staff is recommending the Board of Directors authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2707 between the Orange County Transportation Authority and Transportation Engineering and Planning, Inc., and Agreement No. C-3-2854 between the Orange County Transportation Authority and W.G. Zimmerman Engineering, Inc. in the amount of \$474,000 for each agreement, for a three-year initial term, with two, one-year option terms, to provide comprehensive transportation funding programs review services.

Attachments

- A. Review of Proposals, RFP 3-2707 Comprehensive Transportation Funding Programs Review Services
- B. Proposal Evaluation Criteria Matrix, RFP 3-2707 Comprehensive Transportation Funding Programs Review Services
- C. Contract History for the Past Two Years, RFP 3-2707 Comprehensive Transportation Funding Programs Review Services

Prepared by:



Cynthia Morales
Transportation Funding Analyst,
M2 Local Programs
(714) 560-5905

Approved by:



Kia Mortazavi
Executive Director, Planning
(714) 560-5741



Pia Veesapen
Director, Contracts Administration and
Materials Management
(714) 560-5619

Review of Proposals
RFP 3-2707 Comprehensive Transportation Funding Programs Review Services
 Regional Transportation Planning Committee - November 6, 2023
Two proposals were received, two firms were interviewed, two firms are being recommended.

Overall Ranking	Proposal Score	Firm & Location	Sub-Contractors	Evaluation Committee Comments	Total Weighted Average Hourly Rate
1	82	W.G. Zimmerman Engineering, Inc. Huntington Beach, California	None	Local firm, City of Huntington Beach, established in 1995 with ten full-time employees. Currently providing OCTA with consultant services for transportation funding programs review services. Experience providing relevant prior experience related to engineering and funding management services to agencies in Southern California. Proposed project manager has 33 years of traffic and civil engineering experience. Proposed same project team currently providing services for OCTA. Demonstrated an understanding of the project requirements. Detailed work plan that demonstrated complete understanding of the scope of work. Demonstrated knowledge of reporting and technical support for project tasks. Provided detailed answers to questions during the interview. Received positive responses from references.	\$280
2	80	Transportation Engineering and Planning, Inc. Irvine, California	None	Local firm, City of Irvine, established in 1994 with four full-time employees. Firm provides engineering and funding management services to Western Riverside Council of Governments and City of Yorba Linda. Proposed key personnel have strong transportation experience including coordinating funding programs and cost and grant applications for circulation projects. Proposed project manager has 45 years of traffic engineering experience. Proposed staff has strong experience in traffic design and project cost estimations. Demonstrated an understanding of scope of work objectives such as CTFP guidelines, project programs, and right-of-way acquisitions. Detailed work plan that demonstrated complete understanding of the scope of work. Demonstrated knowledge of reporting and technical support for project tasks. Provided detailed answers to questions during the interview. Received positive responses from references. Proposed lower hourly rates.	\$179

Evaluation Panel
 Contracts Administration and Materials Management (1)
 Local Programs (1)
 Project Development (1)
 Highway Programs (1)
 Facilities Engineering (1)

Proposal Criteria
 Qualifications of the Firm
 Staffing and Project Organization
 Work Plan
 Cost and Price

Weight Factors
 20%
 30%
 25%
 25%

Acronyms
 CTFP - Comprehensive Transportation Funding Programs
 OCTA - Orange County Transportation Authority
 RFP - Request for Proposal

PROPOSAL EVALUATION CRITERIA MATRIX

RFP 3-2707 Comprehensive Transportation Funding Programs Review Services

W.G. Zimmerman Engineering, Inc.						Weights	Overall Score
Evaluation Number	1	2	3	4	5		
Qualifications of Firm	4.5	4.5	4.5	5.0	5.0	4	18.8
Staffing/Project Organization	4.0	4.0	4.0	4.5	4.0	6	24.6
Work Plan	4.5	4.5	4.5	4.5	4.5	5	22.5
Cost and Price	3.2	3.2	3.2	3.2	3.2	5	16.0
Overall Score	80.5	80.5	80.5	85.5	82.5		82
Transportation Engineering and Planning, Inc.						Weights	Overall Score
Evaluation Number	1	2	3	4	5		
Qualifications of Firm	4.0	4.0	4.0	4.0	4.0	4	16.0
Staffing/Project Organization	3.5	3.5	4.0	3.5	3.5	6	21.6
Work Plan	3.5	3.5	3.5	3.5	3.5	5	17.5
Cost and Price	5.0	5.0	5.0	5.0	5.0	5	25.0
Overall Score	79.5	79.5	82.5	79.5	79.5		80

Acronyms

RFP - Request for Proposals

CONTRACT HISTORY FOR THE PAST TWO YEARS

RFP 3-2707 Comprehensive Transportation Funding Programs Review Services

Prime and Subconsultants	Contract No.	Description	Contract Start Date	Contract End Date	Subconsultant Amount	Total Contract Amount
W.G. Zimmerman Engineering, Inc.						
Contract Type: Time-and-Expense	C-0-2608	Regional Modeling-Traffic Operations Support	April 5, 2021	February 28, 2025		\$800,000
Subconsultants:						
	<i>Land CM Corp</i>					
Contract Type: Time-and-Expense	C-3-2670	Comprehensive Transportation Funding Review Services	July 27, 2023	January 31, 2024		\$49,610
Subconsultants:						
	<i>N/A</i>					
Contract Type: Time-and-Expense	C-1-3385	Comprehensive Transportation Funding Review Services	June 17, 2021	August 31, 2024		\$271,400
Subconsultants:						
	<i>N/A</i>					
				Sub Total		\$1,121,010
Transportation Planning and Engineering, Inc.						
Contract Type:	None					
Subconsultants:						
				Sub Total		\$0

Acronyms
 No. - Number
 RFP - Request for Proposals