

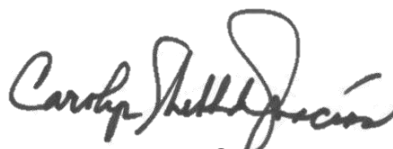
0150-12711-0000

TRANSMITTAL

TO Janisse Quinones, General Manager Los Angeles Department of Water and Power	DATE 8/01/2024	COUNCIL FILE NO.
FROM The Mayor	COUNCIL DISTRICT 2,6	

**LOS ANGELES DEPARTMENT OF WATER AND POWER PROPOSED RESOLUTION
AUTHORIZING A SECOND AMENDMENT TO AGREEMENT NO. 47525 WITH KIEWIT
INFRASTRUCTURE WEST COMPANY FOR PROGRESSIVE DESIGN-BUILD SERVICES FOR
THE SAN FERNANDO GROUNDWATER BASIN REMEDIATION PROJECT**

Transmitted for further processing including Council consideration.
See the City Administrative Officer report attached.



MAYOR

(Carolyn Webb de Macias for)

Attachment

MWS:PJH/JVW:JPQ:10240249t

CAO 649-d

OFFICE OF THE CITY ADMINISTRATIVE OFFICER

Date: June 28, 2024

CAO File No.: 0150-12711-0000

Council File No.:

Council District: 2, 6

To: The Mayor

From: Matthew W. Szabo, City Administrative Officer

Reference: Communication from the Department of Water and Power dated June 20, 2024; referred by the Mayor for report on June 21, 2024

Subject: **LOS ANGELES DEPARTMENT OF WATER AND POWER PROPOSED RESOLUTION AUTHORIZING A SECOND AMENDMENT WITH KIEWIT INFRASTRUCTURE WEST COMPANY (AGREEMENT NO. 47525) FOR PROGRESSIVE DESIGN-BUILD SERVICES FOR THE SAN FERNANDO GROUNDWATER BASIN REMEDIATION PROJECT**

RECOMMENDATION

That the Mayor:

1. Approve the Los Angeles Department of Water and Power (LADWP) proposed Resolution authorizing a Second Amendment to Agreement No. 47525 with Kiewit Infrastructure West Company for one additional year, for a total term of six years from September 9, 2019 through September 8, 2025, to complete the permitting process for the San Fernando Groundwater Basin Remediation Project for an unchanged not to exceed contract amount of \$495,000,000; and
2. Return the proposed Resolution to the LADWP for further processing, including Council consideration.

SUMMARY

The Los Angeles Department of Water and Power (LADWP) requests approval to execute a Second Amendment to Agreement No. 47525 (Agreement) with Kiewit Infrastructure West Company (Kiewit) to extend the term of the Agreement by one additional year, for a total term of six years. The one year extension will allow Kiewit to complete the permitting process for the San Fernando Groundwater Basin Remediation Project (Project). All other terms and conditions of the Agreement remain unchanged.

The Agreement expires on September 8, 2024 and is approved with a maximum contract amount of \$495,000,000. The one year amendment will extend the contract term only, through September 8, 2025 with no change to the contract amount. The Department notes that non-extension of the

Agreement would result in Kiewit being unable to assist LADWP during the remaining permitting phase of the Project and could cause further delays if the project is deprioritized and workers are reassigned to other priority projects.

The proposed Amendment has been reviewed and approved as to form by the City Attorney. Pursuant to Charter Section 373, and the Los Angeles Administrative Code Section 10.5(e) because the contract term exceeds five years, City Council approval is required. Our Office has reviewed the request and recommends approval.

BACKGROUND

The City of Los Angeles (City) has historically relied on local groundwater for approximately 11 percent of its water supply, with a greater dependence during droughts and emergencies. Most of its water source is from imported water. In order to decrease the reliance on imported water, the LADWP has been working towards increasing and diversifying the City's water resources including the use of groundwater in the San Fernando Basin (Basin).

The Basin is the City's primary groundwater basin and represents more than 80 percent of the City's groundwater rights. Due to industrial activities, the groundwater in the Basin has been contaminated which limits usability and affects nearly half of the LADWP's groundwater wells. The scope of the project is design and construction of two facilities that will address the contamination and allow the LADWP to utilize its water rights of 87,000 acre-feet per year. The two facilities are the North Hollywood Central Response Action Treatment Facility and the Tujunga Well Field Response Action Treatment Facility, located in Council District 2 and Council District 6 respectively. These facilities are the first of their kind that LADWP has built, the Division of Drinking Water (DDW) 97-005 permitting process requires several steps to be completed including the completion of testing, the preparation of documents and reports for DDW's review and approval, and the presenting of relevant data to the public for their review. The Amendment facilitates additional time for efficient Project completion and compliance with regulatory permitting requirements in addition to mitigating delays in construction due in part to the Covid19 pandemic.

Competitive Selection Process –The LADWP released Request for Proposal (RFP) No. 90419 in November 20, 2017 for progressive design-build services to meet the goal of utilizing a progressive design-build project delivery method. On August 27, 2019, the Board adopted Resolution No. 020 028, awarding the contract to Kiewit. Kiewit met the contract specific Small Business Enterprise and Disabled Veterans Business Enterprise target participation goal of 15 percent and committed to an overall participation of the same percentage which is applicable to the amended contract period. K

Proposed Agreement and Costs – The proposed Agreement extends the five year term by one additional year, from September 9, 2024 to September 8, 2025, for a total contract term of six years. Additional funds are not being requested as the purpose of the amendment is only to increase the term to allow LADWP to obtain the necessary regulatory permits to operate the facilities and to complete the permitting phase of the Project. Several factors delayed the construction of the Project including a moratorium on real estate acquisitions, procurement delays, and changes in permitting requirements. The delay in construction subsequently affected the timeline for permitting activities. The LADWP has indicated that permitting activities should be completed by June 2025 and

commissioning activities completed by August 2025. The LADWP has indicated that Kiewit has performed satisfactorily during the past five years.

The LADWP Board of Water and Power Commissioners (Board) awarded the Agreement on August 27, 2019 for a total term of five years and an amount not to exceed \$408,000,000, for the design and construction of the Project. On January 26, 2021, the Board executed Amendment No. 1 which increased the cost ceiling by \$87,000,000 for a total cost of \$495,000,000. The cost increase was due to cost escalations during the conceptual design phase, real estate acquisitions costs, relocation of existing facilities, and increased costs for regulatory compliance. As previously stated, the second amendment will not result any scope or contract cost changes.

Alternatives Considered – There are no comparable alternatives to retaining Kiewit as the vendor, as the LADWP does not have staff who can make modifications to the Project should the regulatory agencies require changes as part of the permitting process. In addition, having LADWP staff make modifications may void the Project's warranty. Should the extension not be approved, the current contract will expire on September 8, 2024 and the permitting process may not be completed.

CITY COMPLIANCE

The City Attorney has approved the proposed amendment as to form. In accordance with Charter Section 373 and the Los Angeles Administrative Code Section 10.5(e), the amendment requires City Council approval because the total term of the agreement exceeds five years. Further it has been determined by Board that it is more feasible to have the work performed by an independent contractor.

California Environmental Quality Act (CEQA) – The Department determined that this item is in compliance pursuant to CEQA Guidelines Sections 15070-15075. In accordance with the Guidelines, LADWP prepared Mitigated Negative Declarations for both facilities. The Board adopted the declarations and Mitigation Monitoring and Reporting Programs and approved the interim remedial action.

FISCAL IMPACT STATEMENT

Approval of the proposed amendment to Agreement No. 47525 with Kiewit Infrastructure West Company for progressive design-build services for the San Fernando Groundwater Basin will have no impact on the General Fund. The Agreement will be extended for one additional year, for a total of six years. The total maximum contract amount of \$495,000,000 remains unchanged and is budgeted within the Water Revenue Fund for this purpose. The recommendations in this report comply with the LADWP's adopted Financial Policies.

Attachment – LADWP June 20, 2024 Correspondence from LADWP; Proposed Resolution; Second Amendment;

MWS:PJH/JVW:JPQ:10240249

June 20, 2024

The Honorable Karen Bass
Mayor, City of Los Angeles
Room 303, City Hall
Mail Stop 370

Attention: Ms. Heleen Ramirez, Legislative Coordinator

Dear Mayor Bass:

Subject: Amendment No. 2 to Agreement No. 47525 for Progressive Design-Build Services for San Fernando Groundwater Basin Remediation – Kiewit Infrastructure West Company

In accordance with Executive Directive No. 4, enclosed is a copy of a Board letter and supporting documents recommending approval and transmittal to the Los Angeles City Council of Agreement No. 47525/Amendment No. 2 to Agreement No. 47525 between the Los Angeles Department of Water and Power and Kiewit Infrastructure West Company for Progressive Design-Build Services for the San Fernando Basin (SFB) Groundwater Remediation Facilities.

It is respectfully requested that your review be completed as soon as possible. Once the required City Administrative Officer report has been received, the matter will be scheduled for action by the Los Angeles Board of Water and Power Commissioners and forwarded to the Los Angeles City Council for final consideration.

Please contact Mr. Paul Habib, Interim Director of Legislative and Intergovernmental Affairs, at (213) 367-3846 upon completion of the review, if the review will take longer than 30 days, or if there are any questions regarding this item.

Sincerely,

Janisse Quiñones
Chief Executive Officer and Chief Engineer

AA:svr

Enclosure(s)

c/enc: Mr. Luis Gutierrez, Office of the Mayor
Dr. Frederick H. Pickel, Office of Public Accountability
Board of Water and Power Commissioners
Mr. Paul M. Habib



RESOLUTION NO. _____

BOARD LETTER APPROVAL

ANSELMO G. COLLINS
Senior Assistant General Manager
Water System

ARAM BENYAMINI
Chief Operating Officer

JANISSE QUIÑONES
Chief Executive Officer and Chief Engineer

DATE: June 6, 2024

SUBJECT: Amendment No.2 to Agreement No. 47525 for Progressive Design-Build Services for San Fernando Groundwater Basin Remediation - Kiewit Infrastructure West Company

SUMMARY

The proposed Amendment No. 2 (Amendment) to Agreement No. 47525 (Agreement) with Kiewit Infrastructure West Company (Kiewit) is to extend the term of the Agreement by one year for a total term of six years ending September 8, 2025. There are no changes to the Agreement's budget, and all other terms and conditions remain unchanged.

This extension is needed for obtaining permits necessary for the San Fernando Groundwater Basin Remediation Project (Project). The Project includes the design and construction of the Tujunga Well Field Response Action Treatment Facility and the North Hollywood Central Response Action Treatment Facility. Delays in Project completion due to challenges related to the COVID-19 pandemic and permitting requirements of the new facilities necessitate the extension. Failure to extend the agreement would render Kiewit unavailable to assist LADWP during the California State of Water Resources Control Board Division of the Drinking Water 97-005 permitting process. Extending Kiewit's contract ensures compliance with regulatory requirements and facilitates the Project's commissioning phase.

City Council approval is required in Charter Section 373.

RECOMMENDATION

It is requested that the Board of Water and Power Commissioners (Board) adopt the attached Resolution recommending City Council's approval of the Amendment as required in Charter Section 373.

ALTERNATIVES CONSIDERED

Alternatives considered are as follows: Allowing the contract to expire would create a lapse in coverage until a permit to operate is received.

If the regulators require modifications to the Project, utilizing LADWP's resources for the modifications before receiving the operating permits could delay startup, especially if LADWP is already working on other projects. Additionally, authorizing LADWP staff to modify work completed by Kiewit under the Agreement, may void the Project's warranty.

Therefore, the proposed Contract Amendment presents the most effective solution, allowing LADWP to retain Kiewit while the permitting agencies issue a permit to operate.

FINANCIAL INFORMATION

This Amendment is not requesting additional funding. The not-to-exceed amount will remain the same at \$495,000,000 (budgeted).

	Maximum Expenditure
Agreement Amount	\$408,000,000
Amendment No. 1	\$87,000,000
Not-to-Exceed Amount	\$495,000,000

BACKGROUND

The City of Los Angeles (City) has historically relied on local groundwater for approximately 11 percent of its water supply, with a greater dependence during droughts and emergencies. The San Fernando Basin (SFB) constitutes the City's primary local groundwater basin, representing over 80 percent of its annual adjudicated groundwater rights. Unfortunately, contamination resulting from past industrial activities, unrelated to LADWP, has severely compromised the groundwater's usability, affecting nearly half of LADWP's groundwater wells.

The Project's objective is to design and construct two treatment facilities targeting groundwater contamination in the Tujunga and Rinaldi-Toluca Well Fields, aiming to

restore the SFB's beneficial use. Kiewit was the successful bidder to provide Progressive Design-Build services of two facilities: the North Hollywood Central Response Action Treatment Facility and Tujunga Well Field Response Action Treatment Facility. On August 27, 2019, the Board adopted Resolution No. 020 028, awarding Agreement No. 47525 to Kiewit for a term of five years and for a not to exceed amount of \$408,000,000 due to a competitive solicitation process, under Request for Proposal No. 90419 advertised on November 20, 2017.

The Project entails the design and construction of two state of the art treatment facilities that will remove contaminants from the groundwater and protect the public health and environment by reducing exposure to contaminants. As a result of the restored operation of the Tujunga and Rinaldi-Toluca Well Fields, LADWP will be able to utilize its annual water rights of 87,000-acre feet per year and reduce dependence on imported water.

On January 26, 2021, the Board adopted Resolution No. 021 133, executing Amendment No. 1 to the Agreement which increased the Agreement amount by \$87,000,000, from \$408,000,000 to \$495,000,000 due to unforeseen cost escalations during conceptual design, required real estate acquisitions, relocation of existing facilities, and increased regulatory compliance cost.

Amendment No. 2 will extend the Agreement by one year to ensure timely compliance with regulatory permitting requirements. Several factors extended the construction completion of the Project, including procurement delays and the moratorium on real estate acquisitions due to the COVID-19 pandemic as well as the length of the rigorous permitting process. Due to the extended construction duration, the Division of Drinking Water 97-005 permitting process will occur after the existing Agreement expires resulting in Kiewit's unavailability to assist LADWP should the regulatory agencies require modifications to the facilities.

Throughout the Project's construction phase, LADWP has maintained ongoing communication with regulatory agencies, conducting quarterly meetings, site visits, and document reviews, alongside engaging with neighboring stakeholders. Upon completion, the Project will augment the City's water supply, particularly crucial during drought periods, while remediating SFB contamination, restoring it to its original state. The two treatment facilities have received California Proposition 1 Water Quality, Supply, and Infrastructure Improvement Act grant awards totaling \$257,817,737 for the remediation of the SFB groundwater.

To date, Kiewit has demonstrated satisfactory performance under the Agreement.

In accordance with the Mayor's Executive Directive No. 4, the City Administrative Officer's Report has been requested.

ENVIRONMENTAL DETERMINATION

Determine item is in compliance with California Environmental Quality Act (CEQA) Guidelines Sections 15070-15075. In accordance with CEQA, LADWP prepared a Mitigated Negative Declaration (MND) for the proposed response action for North Hollywood Central to analyze the impacts associated with the project. On December 11, 2018, the Board adopted the MND and Mitigation Monitoring and Reporting Program (MMRP) and approved the Interim remedial action in an Interim Remedial Action Decision (IRAD). LADWP also prepared an MND for the proposed response action for Tujunga Well Field to analyze the impacts associated with the project. On January 22, 2019, the Board adopted the MND and MMRP and approved the interim remedial action for the Tujunga Well Field in an IRAD. The IRADs contemplate the design and construction of groundwater treatment facilities that constitute the Project.

CITY ATTORNEY

The Office of the City Attorney reviewed and approved the Resolution and Amendment as to form and legality.

ATTACHMENTS

- Procurement Summary
- Resolution
- Amendment No. 2

PROCUREMENT SUMMARY

1.	Recommended Vendor(s): Kiewit Infrastructure West Company
2.	Procurement Type: Amendment
3.	Procurement Details: A. Contract Status: Amendment B. Bid Advertisement Date: Not Applicable C. Pre-Bid Conference Date: Not Applicable D. Bid/Proposal Due Date: Not Applicable E. Number of Downloads of Solicitation: Not Applicable F. Number of Bids/Proposals Received: Not Applicable G. Protest Received: Not Applicable
4.	Buyer Assigned: De'Andre Washington
5.	Contract Administrator: Louis Rubalcaba/Ofelia Rubio
6.	LADWP System/Division: Water System / Groundwater Project Management
7.	Contact Person for Item: Evelyn Cortez-Davis

A. Evaluation Rating Summary of Proposals

Not applicable to the Amendment.

B. Evaluation of Proposals

Not applicable to the Amendment.

C. Procurement History

Service/Item History – Number of Times Item or Service has been Procured					
Contract/ PO No.	Contractor	Term of Contract	Start Date	Ending Date	Contract Amount
47525	Kiewit Infrastructure West Company	5 Years	9/9/19	9/8/24	\$495,000,000

Vendor Experience – Number of Contracts Vendor had with LADWP During the Past 10 Years					
Contract/ PO No.	Contract Description	Term of Contract	Start Date	Ending Date	Contract Amount
47997	Engineer, Procure, and Construct the Balance of Plant and Install the Combustion Turbine for Haynes Units 5 and 6	4 years	1/14/11	1/13/15	\$264,428,659
47174	Engineer, Procure, and Construct the Balance of Plant and Install the combustion and Steam Turbine Scattergood Generating Station Unit 3 Repowering Project	5 years	4/26/13	4/25/18	\$507,030,836

N7769	Construction of Temporary Emergency Measures on Owens Lake	One-time Purchase	4/19/17	12/31/17	\$15,000,000
07694	Construction of the Upper Stone Canyon Reservoir Water Quality Improvement Project	One-time Purchase	4/24/17	730 days from NTP	\$26,945,133
47525	Progressive Design-Build Services for San Fernando Groundwater Basin Remediation with Kiewit Infrastructure West Company	5 Years	9/9/19	9/8/24	\$495,000,000

D. Local Business Preference Program (LBPP)

Not applicable to the Amendment.

E. Additional Outreach Efforts Taken

Not applicable to the Amendment.

F. Small Business Enterprises (SBE)/Disabled Veterans Business Enterprises (DVBE)/Minority Business Enterprises (MBE)/Women Business Enterprises (WBE)/Other Business Enterprises (OBE) Subcontracting Participation

Kiewit Infrastructure West Company met the contract specific SBE/DVBE participation goal of 15 percent and committed to an overall SBE/DVBE participation of the same percentage, which will continue to apply to the amended contract period.

Actual subcontractor participation commitments and achievements are provided below:

SBE SUBCONTRACTING

SBE PARTICIPATION		
Name	Original Commitment	Achievement thru (03/31/2024)
Geo-Advantec	TBD	0.10%
Surveying & Drafting Services, Inc.	TBD	0.07 %
SWPPQueen, Inc. (MBE, WBE)	TBD	0.02 %
Aqueous Vets (DVBE)	TBD	3.39 %
Paradyne Consulting Works, LLC	TBD	0.02 %
IBRA-RMAC Automation Systems, LLC	TBD	0.04 %
Civic CM	TBD	0.01 %
The Culver Group	TBD	0.14 %
Daniel Mechanical	TBD	0.05 %
DC Traffic Control	TBD	0.18 %
Global Transloading	TBD	0.1 %
G.T.E. Metal Erectors	TBD	1.47 %
H. Wayne Lewis Inc	TBD	0.68 %
Halco Service Corp	TBD	0 %

Hammer Down Transportation	TBD	0.02 %
Implant Sales	TBD	0.56 %
Morgner Construction Management	TBD	0 %
Nor Cal Pipeline Services	TBD	0.41%
Parada Painting Inc	TBD	1.01 %
SM Sales	TBD	0.14 %
Soffa Electric,	TBD	1.24 %
Steel West USA Inc	TBD	0.85 %
Triumph Geo-Synthetics Inc	TBD	0.01 %
Andessaw Consulting	TBD	1.03 %
Angelview LLC	TBD	0.01 %
Century Sweeping	TBD	0.25 %
Inline Concrete Cutting & Coring, Inc.	TBD	0.06 %
J & S Building Maintenance, Inc	TBD	0.02 %
Matrix Environmental, Inc.	TBD	0.16 %
Monzon & Son Enterprises, Inc	TBD	0.26 %
National EagleSecurity, Inc	TBD	0.38 %
Service Connected, Inc	TBD	0.16 %
Southern California Environmental, Inc.	TBD	0.10 %
West Coast Aerial Photography	TBD	0.01 %
Crump and Co. Inc	TBD	0.04 %
Florani Engineering (WBE)	TBD	0.14 %
Marne Construction (DVBE)	TBD	1.26 %
Link-Nilsen Corp	TBD	0.06 %
Big Bear Electric (DVBE)	TBD	0.01 %
Janet Sullivan	TBD	0.08 %
Stanley Construction Supply	TBD	0.16 %
Western Industrial Supply Corp	TBD	0.12 %
JML Staffing Solutions (MBW, WBE)	TBD	0.04 %
Trinity Equipment (DVBE)	TBD	0.03 %
Infinity Drywall Contracting	TBD	0.11%
Charles P Crowley Company	TBD	0.03 %
Grupo Espinosa Sales and Marketing	TBD	0.22 %
GT Express	TBD	0.05 %
Parker Lighting Inc	TBD	0.04 %
Barney's Hole Drilling Service	TBD	0.05 %
Econo Fence	TBD	0.01 %
G&F Concrete Cutting	TBD	0.01 %
GMAT	TBD	0.06 %
Charter Industrial Supply	TBD	0.38 %
Red Hawk Services	TBD	0.03 %
MAD Transportation	TBD	0.09 %
Maxim Security Systems	TBD	0.08 %
Building Electronic Controls	TBD	0.05 %
Sierra Landscape Development, Inc.	TBD	0 %
SBE Totals:		16.10 %

DVBE SUBCONTRACTING

DVBE PARTICIPATION		
Name	Original Commitment	Achievement thru (03/31/2024)
Kana Subsurface Engineering	TBD	0.18 %
Eberhard Energy Systems	TBD	0.95 %
DVBE Totals:		1.13%

MBE SUBCONTRACTING

MBE PARTICIPATION		
Name	Original Commitment	Achievement thru (03/31/2024)
Pinnacle Petroleum, Inc (WBE)	TBD	0.15 %
Traffic Management	TBD	0.04 %
MBE Totals:		0.19%

WBE SUBCONTRACTING

WBE PARTICIPATION		
Name	Original Commitment	Achievement thru (03/31/2024)
Keramida Environmental	TBD	0.01 %
WBE Totals:		0.01%

OBE SUBCONTRACTING

OBE PARTICIPATION (Non-Certified Firms)		
Name	Original Commitment	Achievement thru (03/31/2024)
Ground Penetrating Radar Systems	TBD	0.01 %
Stantec	TBD	6.37 %
Associated Tank Constructors	TBD	0.57 %
Earthcam Inc.	TBD	0.03 %
Jifco Inc.	TBD	4.11 %
McGrath RentCorp	TBD	0.15 %
RP Adams Company Inc.	TBD	0.45 %
Trojan Technologies Group LLC	TBD	4.59 %
OBE Totals:		16.28%

**AMENDMENT NO. 2 TO AGREEMENT NO. 47525
BETWEEN
THE LOS ANGELES DEPARTMENT OF WATER AND POWER
AND
KIEWIT INFRASTRUCTURE WEST CO.**

THIS AMENDMENT NO. 2 to Agreement No. 47525 (Amendment) is made and entered into by and between the Los Angeles Department of Water and Power, a municipal corporation, hereinafter referred to as LADWP, and Kiewit Infrastructure West Company, hereinafter referred to as Kiewit or Contractor, collectively the "Parties."

WHEREAS, the Parties entered into Agreement No. 47525 for Contractor to provide LADWP progressive design-build services for the San Fernando Groundwater Basin, which together with Amendment No. 2 thereto is hereinafter referred to as the "Agreement"; and

WHEREAS, the Agreement was awarded under Resolution No. 020 028 for a term of five years and an amount not-to-exceed \$408,000,000; and

WHEREAS, Amendment No. 1 was adopted by the Board on January 26, 2021, to increase the Agreement amount by \$87,000,000, from \$408,000,000 to \$495,000,000; and

WHEREAS, LADWP has determined that due to delays in construction and review periods for permitting, it is necessary to amend the Agreement term by one year for a total term of six years, which exceeds the total contract time period set by ordinance, and in accordance with the City Charter Section 373, City Council approval is required.

NOW, THEREFORE, BE IT RESOLVED that for good value and consideration including the mutual exchange of promise, the Parties agree to amend Agreement No. 47525 as follows:

1. §1.6, "Expiration of Agreement" is amended as follows:
 - A. The Agreement period shall not exceed six years from the Agreement's Effective Date (as defined in Section 3.2.E).

Except as amended herein, all terms and conditions of Agreement No. 47525 shall remain in full force and effect.

This Amendment No. 2 may be executed in one or more counterparts, and by the Parties in separate counterparts, each of which when executed shall be deemed to be an original but all of which taken together shall constitute one and the same Amendment. The Parties further agree that facsimile signatures or signatures scanned into .pdf (or signatures in another electronic format designated by LADWP) and sent by e-mail shall be deemed original signatures. This Amendment No. 2 consists of two pages.

[Signature Page follows.]

SIGNATURE PAGE

IN WITNESS THEREOF, the Parties hereto have caused this Amendment No. 2 to Agreement No. 47525 to be executed by their authorized representatives on the date written below.

DEPARTMENT OF WATER AND POWER
OF THE CITY OF LOS ANGELES BY
BOARD OF WATER AND POWER COMMISSIONERS

KIEWIT INFRASTRUCTURE WEST
COMPANY

By signing below, the signatories attest that they have
no personal, financial, beneficial, or familial interest in
this contract.

By: _____
JANISSE QUIÑONES
Chief Executive Officer and Chief Engineer

By: _____
BRIAN RAPP
Vice President

Date: _____

Date: _____

And: _____
CHANTE L. MITCHELL
Board Secretary

By: _____
WILLIAM R. WIRONEN
Assistant Secretary

Date: _____