

Attachment B



Monterey County Board of Supervisors

Board Order

168 West Alisal Street,
1st Floor
Salinas, CA 93901
831.755.5066

www.co.monterey.ca.us

A motion was made by Supervisor Chris Lopez, seconded by Supervisor Wendy Root Askew to:

Agreement No.: A-15826 ; Amendment No.: 1

- a. Approve Amendment No. 1 to Professional Services Agreement No. A-15826, Multi-Year Agreement #3200*6415, with Biggs Cardosa Associates, Inc. to continue to provide construction management services for the Hartnell Road Bridge Replacement Project, Request for Proposals #10804, to increase the not to exceed amount by \$287,146 for a total amount not to exceed \$680,474 with no extension to the term from June 15, 2022 to June 14, 2025, with the option to extend the term for two (2) additional one (1) year period(s); and
- b. Authorize the Contracts/Purchasing Officer or Contracts/Purchasing Supervisor to execute Amendment No. 1 to Professional Services Agreement No. A-15826 and future amendments to the Agreement where the amendments do not significantly alter the scope of work or increase the approved Agreement amount.

PASSED AND ADOPTED on this 18th day of April 2023, by roll call vote:

AYES: Supervisors Alejo, Church, Lopez, Askew, and Adams

NOES: None

ABSENT: None

I, Valerie Ralph, Clerk of the Board of Supervisors of the County of Monterey, State of California, hereby certify that the foregoing is a true copy of an original order of said Board of Supervisors duly made and entered in the minutes thereof of Minute Book 82 for the meeting April 18, 2023.

Dated: April 20, 2023

File ID: A 23-108

Agenda Item No.: 65

Valerie Ralph, Clerk of the Board of Supervisors
County of Monterey, State of California

Emmanuel H. Santos, Deputy

**AMENDMENT NO. 1
TO PROFESSIONAL SERVICES AGREEMENT
BETWEEN COUNTY OF MONTEREY AND
BIGGS CARDOSA ASSOCIATES, INC.**

THIS AMENDMENT NO. 1 to Professional Services Agreement No. A-15826 between the County of Monterey, a political subdivision of the State of California (hereinafter, "County") and Biggs Cardosa Associates, Inc. (hereinafter, "CONTRACTOR") is hereby entered into between the County and the CONTRACTOR (collectively, the "Parties") and effective as of the last date opposite the respective signatures below.

WHEREAS, CONTRACTOR entered into Professional Services Agreement No. A-15826 with County on June 8, 2022 (hereinafter, "Agreement") to provide construction management services (hereinafter, "services") for the Hartnell Road Bridge Replacement Project (Project No. 3854) (hereinafter, "Project"), under Request for Proposals (RFP) #10804 through and including June 14, 2025, with the option to extend the Agreement for two (2) additional one (1) year period(s), for an amount not to exceed \$393,328; and

WHEREAS, the Project's schedule has been delayed due to the 2023 winter storm damage and a second season of construction is necessary to allow CONTRACTOR to provide additional services for repair of the Project; and

WHEREAS, additional funding is necessary to allow CONTRACTOR to continue to provide services for completion of the Project; and

WHEREAS, the Parties wish to amend the Agreement to increase the amount by \$287,146 for a total amount not to exceed \$680,474 to allow CONTRACTOR to continue to provide the services identified in the Agreement and as amended by this Amendment No. 1.

NOW, THEREFORE, the Parties agree to amend the Agreement as follows:

1. Amend the Paragraph 2, "Payments by County", to read as follows:

County shall pay the CONTRACTOR in accordance with the payment provisions set forth in **Exhibits A, A-1 and B**, subject to the limitations set forth in this Agreement. The total amount payable by County to CONTRACTOR under this Agreement shall not exceed the sum of \$680,474.

2. Amend Paragraph 4, "Scope of Services/Payment Provisions" to add "Exhibit A-1, Payment Provisions".
3. The Multi-Year Agreement (MYA) number referenced in Section B.2, "Contractor's Billing Procedures", of Exhibit A – Scope of Services/Payments Provisions of the Agreement is deemed to be MYA #3200*6415.

4. In all places within the Agreement, any reference to Department of Public Works, Facilities, & Parks is hereby replaced with Department of Public Works, Facilities and Parks.
5. The Parties agree that CONTRACTOR and its subcontractors shall be reimbursed for mileage based upon the Internal Revenue Service (IRS) standard business mileage rate at the time of travel.
6. All other terms and conditions of the Agreement, including all Exhibits thereto, remain unchanged and in full force.
7. This Amendment No. 1 shall be attached to the Agreement and incorporated therein as if fully set forth in the Agreement.
8. The recitals to this Amendment No. 1 are incorporated into the Agreement and this Amendment No. 1.

IN WITNESS WHEREOF, the Parties hereto have executed this Amendment No. 1 to the Agreement which shall be effective as of the last date opposite the respective signatures below.

COUNTY OF MONTEREY

By: Debra R. Wilson
DocuSigned by: 7B741937AA0D41B
 Contracts/Purchasing Officer

Date: 4/21/2023 | 1:43 PM PDT

Approved as to Form
Office of the County Counsel
Leslie J. Girard, County Counsel

By: Mary Grace Perry
DocuSigned by: A1933B26E717442
 Deputy County Counsel

Date: 3/29/2023 | 8:36 AM PDT

Approved as to Fiscal Provisions

By: Jennifer Forsyth
DocuSigned by: 4E7E637875454AE
 Auditor/Controller

Date: 3/29/2023 | 1:29 PM PDT

Approved as to Indemnity and Insurance Provisions
Office of the County Counsel-Risk Management
Leslie J. Girard, County Counsel

By: _____

Its: _____
 (Print Name and Title)

Date: _____

*INSTRUCTIONS: If CONTRACTOR is a corporation, including non-profit corporations, the full legal name of the corporation shall be set forth above together with the signatures of two (2) specified officers per California Corporations Code Section 313. If CONTRACTOR is a Limited Liability Corporation (LLC), the full legal name of the LLC shall be set forth above together with the signatures of two (2) managers. If CONTRACTOR is a partnership, the full legal name of the partnership shall be set forth above together with the signature of a partner who has authority to execute this Agreement on behalf of the partnership. If CONTRACTOR is contracting in an individual capacity, the individual shall set forth the name of the business, if any, and shall personally sign the Agreement or Amendment to said Agreement.

CONTRACTOR*

Biggs Cardosa Associates, Inc.

By: Mahvash M. Harms
DocuSigned by: 99F8F84E77C9427
 Contractor's Business Name
 (Signature of Chair, President or Vice President)

Its: Mahvash M. Harms, Chairman of the Board and Executive Vice President
 (Print Name and Title)

Date: 3/28/2023 | 4:10 PM PDT

By: Dan Devlin
DocuSigned by: 80EAF87EC909459
 (Signature of Secretary, Asst. Secretary, CFO, Treasurer or Asst. Treasurer)

Its: Daniel B. Devlin, Secretary
 (Print Name and Title)

Date: 3/28/2023 | 8:54 PM CDT

EXHIBIT A-1 - PAYMENT PROVISIONS

Cost Proposal

EXHIBIT 10-H2 COST PROPOSAL

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Mark-ups are Not Allowed

Consultant Biggs Cardosa Associates, Inc. ☒ Prime Consultant ☐ Subconsultant ☐ 2nd Tier Subconsultant

Project No. Hartnell Bridge Replacement CM & Inspection_
ADDITIONAL SERVICES Contract No. Participation Amount \$287,146 Date: 3/24/2023
(including subs):

For Combined Rate	Fringe Benefit % + General & Administrative % = <u>129.54%</u> Combined ICR%
OR	
For Home Office Rate	Fringe Benefit % + General & Administrative % = Home Office ICR%
For Field Office Rate	Fringe Benefit % + General & Administrative % = Field Office ICR%
Fee = <u>10%</u> %	

BILLING INFORMATION				CALCULATION INFORMATION				
Name/Job Title/Classification ¹	Hourly Billing Rates ³			Effective date of hourly rate		Actual or Avg.	% or \$	Hourly range - for classifications only
	Straight	OT(1.5x)	OT(2x)	From	To	Hourly Rate ⁴	increase	
Mahvash Harms* / Principal in Charge / QA Manager	\$ 294.26	N/A	N/A	10/1/2021	9/30/2022	\$ 116.54		Not Applicable
	\$ 308.97	N/A	N/A	10/1/2022	9/30/2023	\$ 122.37	5.00%	Not Applicable
	\$ 324.42	N/A	N/A	10/1/2023	9/30/2024	\$ 128.49	5.00%	Not Applicable
	\$ 340.64	N/A	N/A	10/1/2024	9/30/2025	\$ 134.91	5.00%	Not Applicable
Ron Oen* / Contract Manager - Resident Engineer (RE) - Structures Rep (SR) / Principal	\$ 224.34	N/A	N/A	10/1/2021	9/30/2022	\$ 88.85		Not Applicable
	\$ 235.56	N/A	N/A	10/1/2022	9/30/2023	\$ 93.29	5.00%	Not Applicable
	\$ 247.34	N/A	N/A	10/1/2023	9/30/2024	\$ 97.96	5.00%	Not Applicable
	\$ 259.70	N/A	N/A	10/1/2024	9/30/2025	\$ 102.85	5.00%	Not Applicable
John Alciati* / Asst RE - SR / Associate	\$ 183.54	N/A	N/A	10/1/2021	9/30/2022	\$ 72.69		Not Applicable
	\$ 192.71	N/A	N/A	10/1/2022	9/30/2023	\$ 76.32	5.00%	Not Applicable
	\$ 202.35	N/A	N/A	10/1/2023	9/30/2024	\$ 80.14	5.00%	Not Applicable
	\$ 212.47	N/A	N/A	10/1/2024	9/30/2025	\$ 84.15	5.00%	Not Applicable
Principal III	\$ 315.62	N/A	N/A	10/1/2021	9/30/2022	\$ 125.00		\$ 115.00 to \$ 130.00
	\$ 331.40	N/A	N/A	10/1/2022	9/30/2023	\$ 131.25	5.00%	\$ 120.75 to \$ 136.50
	\$ 347.97	N/A	N/A	10/1/2023	9/30/2024	\$ 137.81	5.00%	\$ 126.79 to \$ 143.33
	\$ 365.37	N/A	N/A	10/1/2024	9/30/2025	\$ 144.70	5.00%	\$ 133.13 to \$ 150.49
Principal II	\$ 272.69	N/A	N/A	10/1/2021	9/30/2022	\$ 108.00		\$ 95.00 to \$ 115.00
	\$ 286.33	N/A	N/A	10/1/2022	9/30/2023	\$ 113.40	5.00%	\$ 99.75 to \$ 120.75
	\$ 300.64	N/A	N/A	10/1/2023	9/30/2024	\$ 119.07	5.00%	\$ 104.74 to \$ 126.79
	\$ 315.68	N/A	N/A	10/1/2024	9/30/2025	\$ 125.02	5.00%	\$ 109.97 to \$ 133.13
Principal I	\$ 227.24	N/A	N/A	10/1/2021	9/30/2022	\$ 90.00		\$ 85.00 to \$ 105.00
	\$ 238.61	N/A	N/A	10/1/2022	9/30/2023	\$ 94.50	5.00%	\$ 89.25 to \$ 110.25
	\$ 250.54	N/A	N/A	10/1/2023	9/30/2024	\$ 99.23	5.00%	\$ 93.71 to \$ 115.76
	\$ 263.06	N/A	N/A	10/1/2024	9/30/2025	\$ 104.19	5.00%	\$ 98.40 to \$ 121.55
Associate	\$ 217.14	N/A	N/A	10/1/2021	9/30/2022	\$ 86.00		\$ 70.00 to \$ 90.00
	\$ 228.00	N/A	N/A	10/1/2022	9/30/2023	\$ 90.30	5.00%	\$ 73.50 to \$ 94.50
	\$ 239.40	N/A	N/A	10/1/2023	9/30/2024	\$ 94.82	5.00%	\$ 77.18 to \$ 99.23
	\$ 251.37	N/A	N/A	10/1/2024	9/30/2025	\$ 99.56	5.00%	\$ 81.03 to \$ 104.19
Engineering Manager	\$ 184.32	N/A	N/A	10/1/2021	9/30/2022	\$ 73.00		\$ 65.00 to \$ 80.00
	\$ 193.54	N/A	N/A	10/1/2022	9/30/2023	\$ 76.65	5.00%	\$ 68.25 to \$ 84.00
	\$ 203.21	N/A	N/A	10/1/2023	9/30/2024	\$ 80.48	5.00%	\$ 71.66 to \$ 88.20
	\$ 213.37	N/A	N/A	10/1/2024	9/30/2025	\$ 84.51	5.00%	\$ 75.25 to \$ 92.61
Senior Engineer	\$ 166.65	N/A	N/A	10/1/2021	9/30/2022	\$ 66.00		\$ 55.00 to \$ 70.00
	\$ 174.98	N/A	N/A	10/1/2022	9/30/2023	\$ 69.30	5.00%	\$ 57.75 to \$ 73.50
	\$ 183.73	N/A	N/A	10/1/2023	9/30/2024	\$ 72.77	5.00%	\$ 60.64 to \$ 77.18
	\$ 192.91	N/A	N/A	10/1/2024	9/30/2025	\$ 76.40	5.00%	\$ 63.67 to \$ 81.03
Project Engineer	\$ 143.92	N/A	N/A	10/1/2021	9/30/2022	\$ 57.00		\$ 45.00 to \$ 65.00
	\$ 151.12	N/A	N/A	10/1/2022	9/30/2023	\$ 59.85	5.00%	\$ 47.25 to \$ 68.25
	\$ 158.67	N/A	N/A	10/1/2023	9/30/2024	\$ 62.84	5.00%	\$ 49.61 to \$ 71.66
	\$ 166.61	N/A	N/A	10/1/2024	9/30/2025	\$ 65.98	5.00%	\$ 52.09 to \$ 75.25
Staff Engineer	\$ 113.62	N/A	N/A	10/1/2021	9/30/2022	\$ 45.00		\$ 40.00 to \$ 55.00
	\$ 119.30	N/A	N/A	10/1/2022	9/30/2023	\$ 47.25	5.00%	\$ 42.00 to \$ 57.75
	\$ 125.27	N/A	N/A	10/1/2023	9/30/2024	\$ 49.61	5.00%	\$ 44.10 to \$ 60.64
	\$ 131.53	N/A	N/A	10/1/2024	9/30/2025	\$ 52.09	5.00%	\$ 46.31 to \$ 63.67
Assistant Engineer	\$ 108.57	N/A	N/A	10/1/2021	9/30/2022	\$ 43.00		\$ 35.00 to \$ 45.00
	\$ 114.00	N/A	N/A	10/1/2022	9/30/2023	\$ 45.15	5.00%	\$ 36.75 to \$ 47.25
	\$ 119.70	N/A	N/A	10/1/2023	9/30/2024	\$ 47.41	5.00%	\$ 38.59 to \$ 49.61
	\$ 125.69	N/A	N/A	10/1/2024	9/30/2025	\$ 49.78	5.00%	\$ 40.52 to \$ 52.09
Junior Engineer	\$ 95.95	N/A	N/A	10/1/2021	9/30/2022	\$ 38.00		\$ 34.00 to \$ 40.00
	\$ 100.75	N/A	N/A	10/1/2022	9/30/2023	\$ 39.90	5.00%	\$ 35.70 to \$ 42.00
	\$ 105.78	N/A	N/A	10/1/2023	9/30/2024	\$ 41.90	5.00%	\$ 37.49 to \$ 44.10
	\$ 111.07	N/A	N/A	10/1/2024	9/30/2025	\$ 43.99	5.00%	\$ 39.36 to \$ 46.31
Sr. Computer Drafter	\$ 126.25	N/A	N/A	10/1/2021	9/30/2022	\$ 50.00		\$ 40.00 to \$ 60.00
	\$ 132.56	N/A	N/A	10/1/2022	9/30/2023	\$ 52.50	5.00%	\$ 42.00 to \$ 63.00
	\$ 139.19	N/A	N/A	10/1/2023	9/30/2024	\$ 55.13	5.00%	\$ 44.10 to \$ 66.15
	\$ 146.15	N/A	N/A	10/1/2024	9/30/2025	\$ 57.88	5.00%	\$ 46.31 to \$ 69.46
Computer Drafter	\$ 113.62	N/A	N/A	10/1/2021	9/30/2022	\$ 45.00		\$ 35.00 to \$ 55.00
	\$ 119.30	N/A	N/A	10/1/2022	9/30/2023	\$ 47.25	5.00%	\$ 36.75 to \$ 57.75
	\$ 125.27	N/A	N/A	10/1/2023	9/30/2024	\$ 49.61	5.00%	\$ 38.59 to \$ 60.64
	\$ 131.53	N/A	N/A	10/1/2024	9/30/2025	\$ 52.09	5.00%	\$ 40.52 to \$ 63.67
Jr. Computer Drafter	\$ 101.00	N/A	N/A	10/1/2021	9/30/2022	\$ 40.00		\$ 30.00 to \$ 50.00
	\$ 106.05	N/A	N/A	10/1/2022	9/30/2023	\$ 42.00	5.00%	\$ 31.50 to \$ 52.50
	\$ 111.35	N/A	N/A	10/1/2023	9/30/2024	\$ 44.10	5.00%	\$ 33.08 to \$ 55.13
	\$ 116.92	N/A	N/A	10/1/2024	9/30/2025	\$ 46.31	5.00%	\$ 34.73 to \$ 57.88
BIM/Visualization Specialist	\$ 126.25	N/A	N/A	10/1/2021	9/30/2022	\$ 50.00		\$ 40.00 to \$ 60.00
	\$ 132.56	N/A	N/A	10/1/2022	9/30/2023	\$ 52.50	5.00%	\$ 42.00 to \$ 63.00
	\$ 139.19	N/A	N/A	10/1/2023	9/30/2024	\$ 55.13	5.00%	\$ 44.10 to \$ 66.15

EXHIBIT A-1 - PAYMENT PROVISIONS**Cost Proposal****EXHIBIT 10-H2 COST PROPOSAL**SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Mark-ups are Not Allowed

Consultant Biggs Cardosa Associates, Inc. ☒ Prime Consultant ☐ Subconsultant ☐ 2nd Tier SubconsultantProject No. Hartnell Bridge Replacement CM & Inspection_
ADDITIONAL SERVICES Contract No. Participation Amount **\$287,146** Date: **3/24/2023**
(including subs):

For Combined Rate	Fringe Benefit % + General & Administrative %	=	129.54%	Combined ICR%
	OR			
For Home Office Rate	Fringe Benefit % + General & Administrative %	=		Home Office ICR%
For Field Office Rate	Fringe Benefit % + General & Administrative %	=		Field Office ICR%
	Fee	=	10%	%

BILLING INFORMATION				CALCULATION INFORMATION						
Name/Job Title/Classification ¹	Hourly Billing Rates ³			Effective date of hourly rate		Actual or Avg.	% or \$	Hourly range - for classifications only		
	Straight	OT(1.5x)	OT(2x)	From	To	Hourly Rate ⁴	increase			
Project Administrator	\$ 146.15	N/A	N/A	10/1/2024	9/30/2025	\$ 57.88	5.00%	\$ 46.31	to	\$ 69.46
	\$ 141.40	N/A	N/A	10/1/2021	9/30/2022	\$ 56.00		\$ 20.00	to	\$ 65.00
	\$ 148.47	N/A	N/A	10/1/2022	9/30/2023	\$ 58.80	5.00%	\$ 21.00	to	\$ 68.25
	\$ 155.89	N/A	N/A	10/1/2023	9/30/2024	\$ 61.74	5.00%	\$ 22.05	to	\$ 71.66
Project Coordinator	\$ 163.68	N/A	N/A	10/1/2024	9/30/2025	\$ 64.83	5.00%	\$ 23.15	to	\$ 75.25
	\$ 118.67	N/A	N/A	10/1/2021	9/30/2022	\$ 47.00		\$ 20.00	to	\$ 65.00
	\$ 124.61	N/A	N/A	10/1/2022	9/30/2023	\$ 49.35	5.00%	\$ 21.00	to	\$ 68.25
	\$ 130.84	N/A	N/A	10/1/2023	9/30/2024	\$ 51.82	5.00%	\$ 22.05	to	\$ 71.66
Construction Manager	\$ 137.38	N/A	N/A	10/1/2024	9/30/2025	\$ 54.41	5.00%	\$ 23.15	to	\$ 75.25
	\$ 227.24	N/A	N/A	10/1/2021	9/30/2022	\$ 90.00		\$ 80.00	to	\$ 100.00
	\$ 238.61	N/A	N/A	10/1/2022	9/30/2023	\$ 94.50	5.00%	\$ 84.00	to	\$ 105.00
	\$ 250.54	N/A	N/A	10/1/2023	9/30/2024	\$ 99.23	5.00%	\$ 88.20	to	\$ 110.25
Senior Structures Representative	\$ 263.06	N/A	N/A	10/1/2024	9/30/2025	\$ 104.19	5.00%	\$ 92.61	to	\$ 115.76
	\$ 202.00	\$242.00	\$282.00	10/1/2021	9/30/2022	\$ 80.00		\$ 70.00	to	\$ 90.00
	\$ 212.09	\$254.09	\$296.09	10/1/2022	9/30/2023	\$ 84.00	5.00%	\$ 73.50	to	\$ 94.50
	\$ 222.70	\$266.80	\$310.90	10/1/2023	9/30/2024	\$ 88.20	5.00%	\$ 77.18	to	\$ 99.23
Structures Representative	\$ 233.83	\$280.14	\$326.44	10/1/2024	9/30/2025	\$ 92.61	5.00%	\$ 81.03	to	\$ 104.19
	\$ 189.37	\$226.87	\$264.37	10/1/2021	9/30/2022	\$ 75.00		\$ 65.00	to	\$ 80.00
	\$ 198.84	\$238.21	\$277.59	10/1/2022	9/30/2023	\$ 78.75	5.00%	\$ 68.25	to	\$ 84.00
	\$ 208.78	\$250.12	\$291.47	10/1/2023	9/30/2024	\$ 82.69	5.00%	\$ 71.66	to	\$ 88.20
Assistant Structures Representative	\$ 219.22	\$262.63	\$306.04	10/1/2024	9/30/2025	\$ 86.82	5.00%	\$ 75.25	to	\$ 92.61
	\$ 166.65	\$199.65	\$232.65	10/1/2021	9/30/2022	\$ 66.00		\$ 45.00	to	\$ 70.00
	\$ 174.98	\$209.63	\$244.28	10/1/2022	9/30/2023	\$ 69.30	5.00%	\$ 47.25	to	\$ 73.50
	\$ 183.73	\$220.11	\$256.49	10/1/2023	9/30/2024	\$ 72.77	5.00%	\$ 49.61	to	\$ 77.18
Resident Engineer	\$ 192.91	\$231.12	\$269.32	10/1/2024	9/30/2025	\$ 76.40	5.00%	\$ 52.09	to	\$ 81.03
	\$ 239.87	\$287.37	\$334.87	10/1/2021	9/30/2022	\$ 95.00		\$ 85.00	to	\$ 100.00
	\$ 251.86	\$301.74	\$351.61	10/1/2022	9/30/2023	\$ 99.75	5.00%	\$ 89.25	to	\$ 105.00
	\$ 264.46	\$316.82	\$369.19	10/1/2023	9/30/2024	\$ 104.74	5.00%	\$ 93.71	to	\$ 110.25
Assistant Resident Engineer	\$ 277.68	\$332.67	\$387.65	10/1/2024	9/30/2025	\$ 109.97	5.00%	\$ 98.40	to	\$ 115.76
	\$ 189.37	\$226.87	\$264.37	10/1/2021	9/30/2022	\$ 75.00		\$ 55.00	to	\$ 80.00
	\$ 198.84	\$238.21	\$277.59	10/1/2022	9/30/2023	\$ 78.75	5.00%	\$ 57.75	to	\$ 84.00
	\$ 208.78	\$250.12	\$291.47	10/1/2023	9/30/2024	\$ 82.69	5.00%	\$ 60.64	to	\$ 88.20
Inspector IV	\$ 219.22	\$262.63	\$306.04	10/1/2024	9/30/2025	\$ 86.82	5.00%	\$ 63.67	to	\$ 92.61
	\$ 159.07	\$190.57	\$222.07	10/1/2021	9/30/2022	\$ 63.00		\$ 33.00	to	\$ 80.00
	\$ 167.02	\$200.10	\$233.17	10/1/2022	9/30/2023	\$ 66.15	5.00%	\$ 34.65	to	\$ 84.00
	\$ 175.38	\$210.10	\$244.83	10/1/2023	9/30/2024	\$ 69.46	5.00%	\$ 36.38	to	\$ 88.20
Inspector III	\$ 184.14	\$220.61	\$257.08	10/1/2024	9/30/2025	\$ 72.93	5.00%	\$ 38.20	to	\$ 92.61
	\$ 148.97	\$178.47	\$207.97	10/1/2021	9/30/2022	\$ 59.00		\$ 30.00	to	\$ 70.00
	\$ 156.42	\$187.40	\$218.37	10/1/2022	9/30/2023	\$ 61.95	5.00%	\$ 31.50	to	\$ 73.50
	\$ 164.24	\$196.76	\$229.29	10/1/2023	9/30/2024	\$ 65.05	5.00%	\$ 33.08	to	\$ 77.18
Inspector II	\$ 172.45	\$206.60	\$240.75	10/1/2024	9/30/2025	\$ 68.30	5.00%	\$ 34.73	to	\$ 81.03
	\$ 138.87	\$166.37	\$193.87	10/1/2021	9/30/2022	\$ 55.00		\$ 25.00	to	\$ 65.00
	\$ 145.82	\$174.69	\$203.57	10/1/2022	9/30/2023	\$ 57.75	5.00%	\$ 26.25	to	\$ 68.25
	\$ 153.11	\$183.42	\$213.74	10/1/2023	9/30/2024	\$ 60.64	5.00%	\$ 27.56	to	\$ 71.66
Inspector I	\$ 160.76	\$192.60	\$224.43	10/1/2024	9/30/2025	\$ 63.67	5.00%	\$ 28.94	to	\$ 75.25
	\$ 133.82	\$160.32	\$186.82	10/1/2021	9/30/2022	\$ 53.00		\$ 22.00	to	\$ 65.00
	\$ 140.51	\$168.34	\$196.16	10/1/2022	9/30/2023	\$ 55.65	5.00%	\$ 23.10	to	\$ 68.25
	\$ 147.54	\$176.75	\$205.97	10/1/2023	9/30/2024	\$ 58.43	5.00%	\$ 24.26	to	\$ 71.66
	\$ 154.92	\$185.59	\$216.27	10/1/2024	9/30/2025	\$ 61.35	5.00%	\$ 25.47	to	\$ 75.25

NOTES:

- Key personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
- The cost proposal format shall not be amended.
- Billing rate = actual hourly rate * (1 + ICR) * (1 + Fee). Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
- For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

EXHIBIT A-1 - PAYMENT PROVISIONS**Cost Proposal****EXHIBIT 10-H2 COST PROPOSAL**

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Mark-ups are Not Allowed
 Consultant Biggs Cardosa Associates, Inc. ☒ Prime Consultant ☐ Subconsultant

 Project No. Hartnell Bridge Replacement CM & Inspection_ ADDITIONAL SERVICES

Contract No. _____

Date 2/24/2023

SCHEDULE OF OTHER DIRECT COST ITEMS				
Description of Item	Quantity	Unit	Unit Cost	Total
Travel				
A. Mileage	5400	MILE	<u>\$0.655</u>	<u>\$3,537</u>
B. Rental Vehicle		EA	<u>Actual</u>	
C. Per Diem		EA	<u>IRS Rate</u>	
D. Lodging		EA	<u>IRS Rate</u>	
Prints & Reproductions				
A. Outside Reproduction		EA	<u>Actual</u>	
B. In-House CADD Prints		EA	<u>\$0.30</u>	
C. In-House CADD Plots		EA	<u>\$1.50</u>	
Project Specific Delivery Services				
A. Delivery Services		EA	<u>Actual</u>	
B. Express Mail/USPS		EA	<u>Actual</u>	
C. Truck Rental		EA	<u>Actual</u>	
D SWPPP NOI RWQCB Application Fee		EA	<u>Actual</u>	<u>\$600</u>
E Temporary Emergency Repair NOI RWQCB Application Fee		EA	<u>Actual</u>	<u>\$2,806</u>
F Permanent Emergency Repair NOI RWQCB Application Fee		EA	<u>Actual</u>	<u>\$2,806</u>
Subconsultants				
Ninyo & Moore:			<u>Actual</u>	<u>\$24,000</u>
Galvin Preservation Associates:			<u>Actual</u>	<u>\$0</u>
BKF:			<u>Actual</u>	<u>\$5,000</u>

NOTES:

- List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
- Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
- Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
- Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs. The Parties agree that CONTRACTOR and its subcontractors shall be reimbursed for mileage based upon the Internal Revenue Service (IRS) standard business mileage rate at the time of travel.
- If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
- The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
- Add additional pages if necessary.
- Subconsultants must provide their own cost proposals.

EXHIBIT A-1 - PAYMENT PROVISIONS

Cost Proposal

EXHIBIT 10-H2 COST PROPOSAL**Certification of Direct Costs:**


I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. [Title 23 United States Code Section 112](#) - Letting of Contracts
4. [48 Code of Federal Regulations Part 31](#) - Contract Cost Principles and Procedures
5. [23 Code of Federal Regulations Part 172](#) - Procurement, Management, and Administration of Engineering and Design Related Service
6. [48 Code of Federal Regulations Part 9904](#) - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: Ronald Oen Title *: Principal

Signature :  Date of Certification (mm/dd/yyyy): 2/24/2023

Email: roen@biggscardosa.com Phone Number: 408.781.4549

* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Hartnell Bridge Replacement CM & Inspection ADDITIONAL SERVICES:		\$287,146
1) Increase contract work days from 145 to 150 working days = Additional 5 working days		\$11,124
5-days x (25% RE, 35% Sr Eng, 100% Insp II)		
SWPPP NOI RWQCB Application Fee = \$600 [Direct Cost]		
Mileage 120 miles/day x 5 days = 600 Miles [Direct Cost]		
2) Hartnell Road Extension Raised Profile (Sept 10, 2022 - Dec 23, 2022) 53 working days		\$77,510
53-days x (25% RE, 35% Sr Eng)		
BKF Survey Check [Subconsultant]		
N&M Materials Testing [Subconsultant]		
3) Hartnell Road Emergency Repair (Dec 12, 2022 - Jan 30, 2023) 32 working days		\$67,647
Required Additional Staffing (Dec 12, 2022 - Jan 30, 2023) 32 working days		
32-days x (25% RE, 35% Sr Eng, 100% Insp II)		
Temporary Emergency Repair NOI RWQCB Application Fee = \$2,806.45 Direct Cost [\$2,734 fee + \$72.45 handling fee]		
3.1) Contract delay / extension to complete temporary emergency repair (Feb 1, 2023 - Mar 30, 2023) 40 working days		\$41,636
40-days x (10% RE, 20% Sr Eng, 50% Insp II)		
Mileage 120 miles/day x 20 days = 2,400 miles [Direct Cost]		
3.2) Contract delay / extension to complete permanent emergency repair (Apr 3, 2023 - Jun, 2023) 66 working days		\$89,229
3.2.1) (April 3 - June 2, 2023) 44 working days	\$40,273	
44-days x (25% RE, 35% Sr Eng)		
3.2.2) (June 5 - June 30, 2023) 22 working days	\$48,956	
22-days x (25% RE, 35% Sr Eng, 100% Insp II)		
Mileage 120 miles/day x 22 days = 2,400 miles [Direct Cost]		
Permanent Emergency Repair NOI RWQCB Application Fee = \$2,806.45 Direct Cost [\$2,734 fee + \$72.45 handling fee]		

EXHIBIT A-1 - PAYMENT PROVISIONS

EXHIBIT 10-H2 COST PROPOSAL Page 1 of 3
SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(NON-PREVAILING WAGE CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Consultant Ninyo & Moore ☐ Prime Consultant ☒ Subconsultant ☐ 2nd Tier Subconsultant
Project No. Hartnell Road Bridge Replace CM - Additional Services Request 1 Contract No. 10804 Participation Amount \$24,000 3/23/2023

For Combined Rate	Fringe Benefit % + General Administrative %	=	137.19%
OR			
For Home Office Rate	Fringe Benefit % + General Administrative %	=	137.19%
For Field Office Rate	Fringe Benefit % + General Administrative %	=	137.19%
FEE = 10%			

BILLING INFORMATION				CALCULATION INFORMATION				
Name/Company Classification ¹	Hourly Billing Rates ²			Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ⁴	% or \$ increase	Hourly Range - for Classifications Only
	Straight ³	OT(1.5X)	OT(2x)	From	To			
Ransom Hennefer, PE, GE	\$188.17	N/A	N/A	1/1/22	12/31/22	\$72.12	0%	Not applicable
Principal Engineer	\$195.69	N/A	N/A	1/1/23	12/31/23	\$75.00	4%	
	\$203.52	N/A	N/A	1/1/24	12/31/24	\$78.00	4%	
	\$211.66	N/A	N/A	1/1/25	12/31/25	\$81.13	4%	
Bryan Steinbruek, ACI, ICC, NICET, Caltrans	\$119.16	\$141.99	\$164.83	1/1/22	12/31/22	\$45.67	0%	Not applicable
Laboratory Manager	\$123.92	\$147.67	\$171.42	1/1/23	12/31/23	\$47.50	4%	
	\$128.88	\$153.58	\$178.28	1/1/24	12/31/24	\$49.40	4%	
	\$134.04	\$159.72	\$185.41	1/1/25	12/31/25	\$51.37	4%	
Jalal Keramat, EIT, ACI, ICC, DSA	\$165.16	\$196.81	\$228.46	1/1/22	12/31/22	\$63.30	0%	Not applicable
Special Inspector	\$171.76	\$204.68	\$237.59	1/1/23	12/31/23	\$65.83	4%	
	\$178.63	\$212.86	\$247.10	1/1/24	12/31/24	\$68.47	4%	
	\$185.78	\$221.38	\$256.98	1/1/25	12/31/25	\$71.20	4%	
Johnkin Eliyeh-Ordshahi, AWS-CWI	\$168.08	\$200.29	\$232.50	1/1/22	12/31/22	\$64.42	0%	Not applicable
Special Inspector	\$174.80	\$208.30	\$241.80	1/1/23	12/31/23	\$67.00	4%	
	\$181.79	\$216.63	\$251.47	1/1/24	12/31/24	\$69.68	4%	
	\$189.06	\$225.30	\$261.53	1/1/25	12/31/25	\$72.46	4%	
Peter Manchester, ACI, Caltrans	\$140.26	\$167.14	\$194.02	1/1/22	12/31/22	\$53.76	0%	Not applicable
Field Technician	\$145.88	\$173.83	\$201.79	1/1/23	12/31/23	\$55.91	4%	
	\$151.71	\$180.78	\$209.86	1/1/24	12/31/24	\$58.15	4%	
	\$157.78	\$188.02	\$218.25	1/1/25	12/31/25	\$60.47	4%	
	\$0.00	\$0.00	\$0.00	1/1/19	12/31/19	\$0.00	0%	\$00 - \$00
	\$0.00	\$0.00	\$0.00	1/1/20	12/31/20	\$0.00	0%	\$00 - \$00
	\$0.00	\$0.00	\$0.00	1/1/21	12/31/21	\$0.00	0%	\$00 - \$00
	\$0.00	\$0.00	\$0.00	1/1/22	12/31/22	\$0.00	0%	\$00 - \$00
	\$0.00	\$0.00	\$0.00	1/1/23	12/31/23	\$0.00	0%	\$00 - \$00
	\$0.00	\$0.00	\$0.00	1/1/19	12/31/19	\$0.00	0%	\$00 - \$00
	\$0.00	\$0.00	\$0.00	1/1/20	12/31/20	\$0.00	0%	\$00 - \$00
	\$0.00	\$0.00	\$0.00	1/1/21	12/31/21	\$0.00	0%	\$00 - \$00
	\$0.00	\$0.00	\$0.00	1/1/22	12/31/22	\$0.00	0%	\$00 - \$00
	\$0.00	\$0.00	\$0.00	1/1/23	12/31/23	\$0.00	0%	\$00 - \$00

EXHIBIT A-1 - PAYMENT PROVISIONS

Local Assistance Procedures Manual

Exhibit 10-H2
Cost Proposal

EXHIBIT 10-H2 COST PROPOSAL
SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(NON-PREVAILING WAGE CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Consultant Ninyo & Moore

☐ Prime Consultant

☒ Subconsultant

Project No. Hartnell Road Bridge Replace CM - Additional Services Request 1

Contract No. 10804

Date 03/23/2023

SCHEDULE OF OTHER DIRECT COST ITEMS				
Description of Item	Quantity	Unit	Unit Cost	Total
Mileage Costs	TBD	mile	\$ 0.655	#VALUE!
Vehicle	TBD	hour	\$ 12.00	#VALUE!
Concrete Core Equipment (includes one tech)	TBD	hour	\$ 160.00	#VALUE!
Anchor Load Test Equipment (includes tech)	TBD	hour	\$ 105.00	#VALUE!
Hand Auger Equipment	TBD	day	\$ 65.00	#VALUE!
Rebar Locator	TBD	hour	\$ 30.00	#VALUE!
Nuclear Density Gauge Usage	TBD	hour	\$ 13.00	#VALUE!
Laboratory Testing See attached fee schedule				\$ -
Subconsultant 1:				\$ -
Subconsultant 2:				\$ -
Subconsultant 3:				\$ -
Subconsultant 4:				\$ -

- IMPORTANT NOTES:
- List direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
 - Proposed items should be consistently billed regardless of client and contract type.
 - Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
 - Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
 - Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
 - Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
 - If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs. The Parties agree that CONTRACTOR and its subcontractors shall be reimbursed for mileage based upon the Internal Revenue Service (IRS) standard business mileage rate at the time of travel.
 - If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is their standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
 - The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
 - Add additional pages if necessary.
 - Subconsultants must provide their own cost proposals.

EXHIBIT A-1 - PAYMENT PROVISIONS**Cost Proposal****EXHIBIT 10-H2 COST PROPOSAL****Certification of Direct Costs:**

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. [Title 23 United States Code Section 112](#) - Letting of Contracts
4. [48 Code of Federal Regulations Part 31](#) - Contract Cost Principles and Procedures
5. [23 Code of Federal Regulations Part 172](#) - Procurement, Management, and Administration of Engineering and Design Related Service
6. [48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board](#) (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: Avram Ninyo, PE, GE

Title *: Principal Engineer

Signature :



Date of Certification (mm/dd/yyyy): 03-23-23

Email: aninyo@ninyoandmoore.com

Phone Number: 408.435-9000

* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

On-Call Site and Laboratory Soil and Material Testing required for the Hartnell Road Bridge Replacement Project for Additional Services Request 1 for emergency repair improvements.

EXHIBIT A-1 - PAYMENT PROVISIONS**Schedule of Fees for Laboratory Testing****SOILS**

Atterberg Limits, D 4318, CT 204	\$ 190
California Bearing Ratio (CBR), D 1883	\$ 550
Chloride and Sulfate Content, CT 417 & CT 422	\$ 175
Consolidation, D 2435, CT 219	\$ 300
Consolidation, Hydro-Collapse only, D 2435	\$ 150
Consolidation – Time Rate, D 2435, CT 219	\$ 200
Direct Shear – Remolded, D 3080	\$ 350
Direct Shear – Undisturbed, D 3080	\$ 300
Durability Index, CT 229	\$ 175
Expansion Index, D 4829, IBC 18-3	\$ 190
Expansion Potential (Method A), D 4546	\$ 170
Geofabric Tensile and Elongation Test, D 4632	\$ 200
Hydraulic Conductivity, D 5084	\$ 350
Hydrometer Analysis, D 6913, CT 203	\$ 220
Moisture, Ash, & Organic Matter of Peat/Organic Soils	\$ 120
Moisture Only, D 2216, CT 226	\$ 35
Moisture and Density, D 2937	\$ 45
Permeability, CH, D 2434, CT 220	\$ 300
pH and Resistivity, CT 643	\$ 175
Proctor Density D1557, D 698, CT 216, AASHTO T-180	\$ 320
Proctor Density with Rock Correction D 1557	\$ 380
R-value, D 2844, CT 301	\$ 450
Sand Equivalent, D 2419, CT 217	\$ 145
Sieve Analysis, D 6913, CT 202	\$ 165
Sieve Analysis, 200 Wash, D 1140, CT 202	\$ 120
Specific Gravity, D 854	\$ 125
Thermal Resistivity (ASTM 5334, IEEE 442)	\$ 925
Triaxial Shear, C.D, D 4767, T 297	\$ 550
Triaxial Shear, C.U., w/pore pressure, D 4767, T 2297 per pt	\$ 450
Triaxial Shear, C.U., w/o pore pressure, D 4767, T 2297 per pt	\$ 350
Triaxial Shear, U.U., D 2850	\$ 250
Unconfined Compression, D 2166, T 208	\$ 180

MASONRY

Brick Absorption, 24-hour submersion, 5-hr boiling, 7-day, C 67	\$ 70
Brick Compression Test, C 67	\$ 55
Brick Efflorescence, C 67	\$ 55
Brick Modulus of Rupture, C 67	\$ 50
Brick Moisture as received, C 67	\$ 45
Brick Saturation Coefficient, C 67	\$ 60
Concrete Block Compression Test, 8x8x16, C 140	\$ 70
Concrete Block Conformance Package, C 90	\$ 500
Concrete Block Linear Shrinkage, C 426	\$ 200
Concrete Block Unit Weight and Absorption, C 140	\$ 70
Cores, Compression or Shear Bond, CA Code	\$ 70
Masonry Grout, 3x3x6 prism compression, C 39	\$ 45
Masonry Mortar, 2x4 cylinder compression, C 109	\$ 35
Masonry Prism, half size, compression, C 1019	\$ 120
Masonry Prism, Full size, compression, C 1019	\$ 200

REINFORCING AND STRUCTURAL STEEL

Chemical Analysis, A 36, A 615	\$ 135
Fireproofing Density Test, UBC 7-6	\$ 90
Hardness Test, Rockwell, A 370	\$ 80
High Strength Bolt, Nut & Washer Conformance, per assembly, A 325	\$ 250
Mechanically Spliced Reinforcing Tensile Test, ACI	\$ 175
Pre-Stress Strand (7 wire), A 416	\$ 170
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	\$ 75
Structural Steel Tensile Test: Up to 200,000 lbs., A 370	\$ 90
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	\$ 80

CONCRETE

Compression Tests, 6x12 Cylinder, C 39	\$ 35
Concrete Mix Design Review, Job Spec	\$ 300
Concrete Mix Design, per Trial Batch, 6 cylinder, ACI	\$ 850
Concrete Cores, Compression (excludes sampling), C 42	\$ 120
Drying Shrinkage, C 157	\$ 400
Flexural Test, C 78	\$ 85
Flexural Test, C 293	\$ 85
Flexural Test, CT 523	\$ 95
Gunite/Shotcrete, Panels, 3 cut cores per panel and test, ACI	\$ 275
Lightweight Concrete Fill, Compression, C 495	\$ 80
Petrographic Analysis, C 856	\$ 2,000
Restrained Expansion of Shrinkage Compensation	\$ 450
Splitting Tensile Strength, C 496	\$ 100
3x6 Grout, (CLSM), C 39	\$ 55
2x2x2 Non-Shrink Grout, C 109	\$ 55

ASPHALT

Air Voids, T 269	\$ 85
Asphalt Mix Design, Caltrans (incl. Aggregate Quality)	\$ 4,500
Asphalt Mix Design Review, Job Spec	\$ 180
Dust Proportioning, CT LP-4	\$ 85
Extraction, % Asphalt, including Gradation, D 2172, CT 382	\$ 250
Extraction, % Asphalt without Gradation, D 2172, CT 382	\$ 150
Film Stripping, CT 302	\$ 120
Hveem Stability and Unit Weight D 1560, T 246, CT 366	\$ 230
Marshall Stability, Flow and Unit Weight, T 245	\$ 240
Maximum Theoretical Unit Weight, D 2041, CT 309	\$ 150
Moisture Content, CT 370	\$ 95
Moisture Susceptibility and Tensile Stress Ratio, T 238, CT 371	\$ 1,000
Slurry Wet Track Abrasion, D 3910	\$ 150
Superpave, Asphalt Mix Verification (incl. Aggregate Quality)	\$ 4,900
Superpave, Gyration Unit Wt., T 312	\$ 100
Superpave, Hamburg Wheel, 20,000 passes, T 324	\$ 1,000
Unit Weight sample or core, D 2726, CT 308	\$ 100
Voids in Mineral Aggregate, (VMA) CT LP-2	\$ 90
Voids filled with Asphalt, (VFA) CT LP-3	\$ 90
Wax Density, D 1188	\$ 140

AGGREGATES

Clay Lumps and Friable Particles, C 142	\$ 180
Cleaness Value, CT 227	\$ 180
Crushed Particles, CT 205	\$ 175
Durability, Coarse or Fine, CT 229	\$ 205
Fine Aggregate Angularity, ASTM C 1252, T 304, CT 234	\$ 180
Flat and Elongated Particle, D 4791	\$ 220
Lightweight Particles, C 123	\$ 180
Los Angeles Abrasion, C 131 or C 535	\$ 200
Material Finer than No. 200 Sieve by Washing, C 117	\$ 90
Organic Impurities, C 40	\$ 90
Potential Alkali Reactivity, Mortar Bar Method, Coarse, C 1260	\$ 1,250
Potential Alkali Reactivity, Mortar Bar Method, Fine, C 1260	\$ 950
Potential Reactivity of Aggregate (Chemical Method), C 289	\$ 475
Sand Equivalent, T 176, CT 217	\$ 125
Sieve Analysis, Coarse Aggregate, T 27, C 136	\$ 120
Sieve Analysis, Fine Aggregate (including wash), T 27, C 136	\$ 145
Sodium Sulfate Soundness, C 88	\$ 450
Specific Gravity and Absorption, Coarse, C 127, CT 206	\$ 115
Specific Gravity and Absorption, Fine, C 128, CT 207	\$ 175

ROOFING

Roofing Tile Absorption, (set of 5), C 67	\$ 250
Roofing Tile Strength Test, (set of 5), C 67	\$ 250

Special preparation of standard test specimens will be charged at the technician's hourly rate.
Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.

EXHIBIT A-1 - PAYMENT PROVISIONS**EXHIBIT 10-H2 COST PROPOSAL** Page 1 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)

(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Mark-ups are Not Allowed

Consultant BKF Engineers ☐ Prime Consultant ☒ Subconsultant ☐ 2nd Tier SubconsultantProject No. Hartnell Road Bridge Replacement CM, Monterey County – Additional Services Request 1 Contract No. #10804 Participation Amount \$ 5,000 Date February 16, 2023

For Combined Rate	Fringe Benefit % + General & Administrative %	= 189.88%	Combined ICR%
OR			
For Home Office Rate	Fringe Benefit % + General & Administrative %	=	Home Office ICR%
For Field Office Rate	Fringe Benefit % + General & Administrative %	=	Field Office ICR%

Fee	=	10%
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BILLING INFORMATION

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates ²			Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ⁴	% or \$ Increase	Hourly Range - for Classifications Only
	Straight ³	OT(1.5x)	OT(2x)	From	To			
Davis Thresh - Principal-in-Charge	\$310.55	N/A	N/A	01/01/2021	12/31/2021	\$97.39		Not Applicable
	\$326.07	N/A	N/A	01/01/2022	12/31/2022	\$102.26	5.0%	
	\$342.38	N/A	N/A	01/01/2023	12/31/2023	\$107.37	5.0%	
Walter Stemberga - QA/QC Manager	\$248.46	N/A	N/A	01/01/2021	12/31/2021	\$77.92		Not Applicable
	\$260.89	N/A	N/A	01/01/2022	12/31/2022	\$81.82	5.0%	
	\$273.93	N/A	N/A	01/01/2023	12/31/2023	\$85.91	5.0%	
David Darling - Survey Manager	\$213.64	N/A	N/A	01/01/2021	12/31/2021	\$67.00		Not Applicable
	\$224.32	N/A	N/A	01/01/2022	12/31/2022	\$70.35	5.0%	
	\$235.54	N/A	N/A	01/01/2023	12/31/2023	\$73.87	5.0%	
John Lanfranki - Project Surveyor	\$175.38	N/A	N/A	01/01/2021	12/31/2021	\$55.00		Not Applicable
	\$184.15	N/A	N/A	01/01/2022	12/31/2022	\$57.75	5.0%	
	\$193.35	N/A	N/A	01/01/2023	12/31/2023	\$60.64	5.0%	
Jason Simmons - Laser Scanning Specialist	\$207.26	N/A	N/A	01/01/2021	12/31/2021	\$65.00		Not Applicable
	\$217.63	N/A	N/A	01/01/2022	12/31/2022	\$68.25	5.0%	
	\$228.51	N/A	N/A	01/01/2023	12/31/2023	\$71.66	5.0%	

EXHIBIT A-1 - PAYMENT PROVISIONS

Local Assistance Procedures Manual

EXHIBIT 10-H2
Cost Proposal**(Add pages as necessary)**

Name/Job Title/Classification ¹	Hourly Billing Rates ²			Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ⁴	% or \$ Increase	Hourly Range - for Classifications Only
	Straight ³	OT(1.5x)	OT(2x)	From	To			
Matt Dinatale - Field Surveyor	\$167.95	N/A	N/A	01/01/2021	12/31/2021	\$52.67		Not Applicable
	\$176.35	N/A	N/A	01/01/2022	12/31/2022	\$55.30	5.0%	
	\$185.16	N/A	N/A	01/01/2023	12/31/2023	\$58.07	5.0%	

EXHIBIT 10-H2 COST PROPOSAL Page 2 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)

(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

NOTES:

1. Key personnel **must** be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
2. The cost proposal format shall not be amended.
3. Billing rate = actual hourly rate * (1 + ICR) * (1 + Fee). Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

Consultant BKF Engineers☐ Prime Consultant☒ Subconsultant

Project No. Construction Management
Services for Hartnell Road Bridge
Replacement Project Located in
Monterey County, California

Contract No. #10804Date February 16, 2023

EXHIBIT A-1 - PAYMENT PROVISIONS

Local Assistance Procedures Manual

EXHIBIT 10-H2
Cost Proposal

SCHEDULE OF OTHER DIRECT COST ITEMS (Add additional pages as necessary)				
Description of Item	Quantity	Unit	Unit Cost	Total
Mileage Costs			\$	\$
Equipment Rental and Supplies			\$	\$
Permit Fees			\$	\$
Plan Sheets			\$	\$
Test			\$	\$
Vehicle			\$	\$
Subconsultant 1:				\$
Subconsultant 2:				
Subconsultant 3:				
Subconsultant 4:				
Subconsultant 5:				

Note: Add additional pages if necessary.

NOTES:

1. List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
2. Proposed ODC items should be consistently billed regardless of client and contract type.
3. Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
4. Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
5. Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
6. Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
7. If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs. The Parties agree that CONTRACTOR and its subcontractors shall be reimbursed for mileage based upon the Internal Revenue Service (IRS) standard business mileage rate at the time of travel.
8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
9. The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
10. Add additional pages if necessary.
11. Subconsultants must provide their own cost proposals.

EXHIBIT 10-H2 COST PROPOSAL Page 3 of 3**Certification of Direct Costs:**


I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

7. Generally Accepted Accounting Principles (GAAP)
8. Terms and conditions of the contract
9. [Title 23 United States Code Section 112](#) - Letting of Contracts
10. [48 Code of Federal Regulations Part 31](#) - Contract Cost Principles and Procedures
11. [23 Code of Federal Regulations Part 172](#) - Procurement, Management, and Administration of Engineering and Design Related Service
12. [48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board](#) (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: [Davis Thresh, PLS](#) Title *: [Principal/Vice President](#)

Signature :  Date of Certification (mm/dd/yyyy): [February 16, 2023](#)

Email: dthresh@bkf.com Phone Number: [408.467.9114](#)

Address: [307 Main Street, Suite 120, Salinas, CA 93901](#)

* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

[Land Surveying Construction Quality Assurance including reviewing contractor survey reports and field monumentation for compliance with the contract documents for Additional Services Request 1 for emergency repair work.](#)