

Attachment C

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**AMENDMENT NO. 8
TO PROFESSIONAL SERVICES AGREEMENT
BETWEEN COUNTY OF MONTEREY AND
BIGGS CARDOSA ASSOCIATES, INC.**

THIS AMENDMENT NO. 8 to Professional Services Agreement No. A-11432 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-11432 with County on July 22, 2009 (hereinafter, "Agreement") to provide project management, preliminary engineering and reports, and final design (hereinafter, "services") for the Nacimiento Lake Drive Bridge Replacement Project at San Antonio River, County Bridge No. 449, State Bridge No. 44C-009 (hereinafter, "Project") through December 31, 2010 for an amount not to exceed \$646,270; and

WHEREAS, Agreement was amended by the Parties on December 27, 2010 (hereinafter, "Amendment No. 1") to extend the term for two (2) additional years through December 31, 2012 with no increase in the not to exceed amount; and

WHEREAS, Agreement was amended by the Parties on March 6, 2012 (hereinafter, "Amendment No. 2", including Exhibit A-1 – Scope of Services/Payment Provisions) to extend the term for nine additional months through September 30, 2013 and to increase the amount by \$168,810 which resulted in a total not to exceed amount of \$815,080; and

WHEREAS, Agreement was amended by the Parties on September 30, 2013 (hereinafter, "Amendment No. 3", including Exhibit A-2) to update the task completion status of the schedule and to extend the term for three (3) additional years through September 30, 2016 with no increase in the not to exceed amount; and

WHEREAS, Agreement was amended by the Parties on August 18, 2016 (hereinafter, "Amendment No. 4") to extend the term for one (1) additional year through September 30, 2017, with no increase in the not to exceed amount; and

WHEREAS, Agreement was amended by the Parties on September 29, 2017 (hereinafter, "Amendment No. 5") to extend the term for one (1) additional year through September 30, 2018, with no increase in the not to exceed amount; and

WHEREAS, Agreement was amended by the Parties on September 27, 2018 (hereinafter, "Amendment No. 6") to extend the term for one (1) additional year through September 30, 2019 and to update the indemnification provision with no increase in the not to exceed amount; and

WHEREAS, Agreement was amended by the Parties on September 27, 2019 (hereinafter, "Amendment No. 7", including Revised Exhibit A-2 – Task Completion Status and Exhibit A-3 – Scope of Services/Payment Provisions) to update the task completion status of the schedule, to extend the term for thirty-nine (39) additional months through December 31, 2022 and to increase the amount by \$629,000 which resulted in a total not to exceed amount of \$1,444,080; and

WHEREAS, due to the California Department of Fish and Wildlife (CDFW) existing "op-law" Agreement that will expire in October 2020, County requires CONTRACTOR to submit a new application to the CDFW for a Streambed Alteration Agreement; and

WHEREAS, due to the Federal Highway Administration (FHWA) and California Department of Transportation (Caltrans) requirement that all newly constructed bridge barrier rails as of October 30, 2019 meet current bridge barrier rail "Manual for Assessing Safety Hardware" (MASH) testing certification, County requires CONTRACTOR to revise Project plans to replace Caltrans Type 80 to Texas Type C411 bridge barrier rails; and

WHEREAS, due to Pacific Gas and Electric Company's (PG&E) updated design requirements (instituted in response to the recent fires in Northern California), County requires CONTRACTOR to revise Project plans to include two (2) underground 6" utility conduits within the bridge box girder bay to accommodate for PG&E electrical lines; and

WHEREAS, advertising for construction of the Project is scheduled for the fall of 2020; and

WHEREAS, CONTRACTOR's hourly rates require an update effective upon the date of final execution of this Amendment No. 8 which is the last date opposite the respective signatures below, as further set out in Exhibit A-4, attached hereto and incorporated herein by reference; and

WHEREAS, additional funding is necessary to allow CONTRACTOR to continue to provide additional services not included in the original scope of the Agreement and required by the County for completion of the Project; and

WHEREAS, the Parties wish to further amend the Agreement to update the hourly rates and to increase the amount by \$57,800 for a total amount not to exceed \$1,501,880 to allow CONTRACTOR to continue to provide services identified in the Agreement and as amended by this Amendment No. 8.

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

1. In all places within the Agreement, any reference to Revised Exhibit A-2, Task Completion Status is hereby replaced with Revised Exhibit A-2A, Task Completion Status.

2. Amend the first sentence of Paragraph 1, "Services to be Provided", to read as follows:

The County hereby engages CONTRACTOR to perform, and CONTRACTOR hereby agrees to perform, the services described in **Exhibits A, A-1, Revised A-2A, A-3 and A-4** in conformity with the terms of this Agreement.

3. Amend 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, A-3, and A-4**, 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 \$1,501,880.

4. Amend Paragraph 4, "Additional Provisions/Exhibits", to delete "Revised Exhibit A-2, Task Completion Status" and to add "Revised Exhibit A-2A, Task Completion Status" and "Exhibit A-4, Scope of Services/Payment Provisions".

5. In all places within the Agreement, any reference to County's email address of RMA-Finance-AP-GP@co.monterey.ca.us for invoicing, is hereby replaced with RMA-Finance-AP@co.monterey.ca.us.

6. In all places within the Agreement, any reference to County's link at https://www.co.monterey.ca.us/auditor/pdfs/County_Travel_Business_Expense_Policy_12-5-12.pdf to the Travel and Business Expense Reimbursement Policy, is hereby replaced with https://www.co.monterey.ca.us/home/showdocument?id=69364.

7. All other terms and conditions of the Agreement, including all Exhibits thereto, remain unchanged and in full force.

8. This Amendment No. 8 and all previous amendments shall be attached to the Agreement and incorporated therein as if fully set forth in the Agreement.

9. The recitals to this Amendment No. 8 are incorporated into the Agreement and this Amendment No. 8.

IN WITNESS WHEREOF, the Parties hereto have executed this Amendment No. 8 to the Agreement which shall be effective as of the last date opposite the respective signatures below.

COUNTY OF MONTEREY

By: _____
Contracts/Purchasing Officer

Date: _____

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

By: DocuSigned by:
Mary Grace Perry
C83342707AC641A...
Mary Grace Perry
Deputy County Counsel

Date: 8/13/2020

Approved as to Fiscal Provisions

By: DocuSigned by:
Gary Giboney
D38348FECTD8448...
Auditor/Controller

Date: 8/13/2020

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

By: _____

Name: _____

Title: _____

Date: _____

CONTRACTOR*

Biggs Cardosa Associates, Inc.
Contractor's Business Name

By: DocuSigned by:
Mahvash Harms
99F8267C2027...
(Signature of Chair, President or Vice President)

Its: Mahvash M. Harms, Vice President
(Print Name and Title)

Date: 8/5/2020

By: DocuSigned by:
Mark A. Cardosa
991B11AEC3203E...
(Signature of Secretary, Asst. Secretary, CFO,
Treasurer or Asst. Treasurer)

Its: Mark A. Cardosa, Secretary
(Print Name and Title)

Date: 8/5/2020

*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.

REVISED EXHIBIT A – 2A - TASK COMPLETION STATUS

**NACIMIENTO LAKE DRIVE BRIDGE REPLACEMENT PROJECT
AT SAN ANTONIO RIVER
COUNTY BRIDGE NO. 449, STATE BRIDGE NO. 44C-0009,
PROJECT NO. 2202,
FEDERAL AID PROJECT NO. STPLZ-5944 (040)**

TASK STATUS:

0.	PROJECT MANAGEMENT	Ongoing
0.1	Project Initiation	Complete
0.2	Coordination Meetings	Ongoing
0.3	Design Review Meetings	Design Review Meetings up to 100% review complete. Future design review meetings will be necessary to complete Project Bid Documents for Advertisement
0.4	Permits	
	Permitting for California Department of Fish and Wildlife (CDFW)	Initial Permit Complete New Permit Required*
	Permitting for Army Corps of Engineers (ACOE)	Complete
	Permitting for Regional Water Quality Control Board (RWQCB)	Complete
0.5	Community Meetings	Complete
0.6	Additional Project Management	Ongoing
0.7	Final Design Project Management	Ongoing
0.8	Construction Project Management	Ongoing

PHASE I: PRELIMINARY ENGINEERING AND REPORTS

1.1	DATA COLLECTION	Complete
1.2	GEOTECHNICAL INVESTIGATION	Complete
	Final Foundation Report	Complete
	Log of Test Borings Plan Sheet	Complete
1.3	HAZARDOUS MATERIALS TESTING OF SOIL	Complete
1.4	FIELD SURVEYS AND BASE MAP TOPOGRAPHY	Complete
1.5	UTILITY MAP AND INVESTIGATION	Complete
	Utility Map	Complete
1.6	PRELIMINARY RIGHT-OF-WAY (ROW)	Complete
	ROW Delineation	Complete
	Legal Descriptions and Plats for ROW Purchase	Complete
	ROW Acquisition	Complete
	Easement Legal Description and Exhibits	Complete
	ROW Survey Monumentation	Not Complete
1.7	HYDRAULICS REPORT	Complete
	Design Hydraulic Study Report	Complete
	Location Hydraulic Study	Complete

REVISED EXHIBIT A – 2A - TASK COMPLETION STATUS

1.8	ENVIRONMENTAL DOCUMENTS	Complete
	Task 1: Initial Study (IS)/Mitigated Negative Declaration (MND)	Complete
	IS	Complete
	MND	Complete
	Environmental Impact Report (EIR)	Complete
	Task 2: Cultural Resources/Section 106 Reports	Complete
	2A: Area of Potential Effects (APE) Map	Complete
	2B: Historic Property Survey Report (HPSR)	Complete
	2C: Archaeological Survey Report (ASR)	Complete
	2D: IS Cultural Resources Section	Complete
	Coordination with Monterey County Historical Resources Review Board	Complete
	2E: IS Environmental Check List Question C	Complete
	Task 3: Natural Environmental Study (NES)	Complete
	Background Research	Complete
	Biotic Habitat Survey	Complete
	Wildlife Surveys	Complete
	Wetland Assessment	Complete
	Impact Analysis	Complete
	Task 4: Protocol Level Surveys for Rare Plants	Complete
	Task 5: Protocol Level Surveys for California Red Legged Frog	Complete
	Task 6: Fish Passage Assessment	Complete
	Task 7: Biological Assessment (BA)	Complete
	NEPA Compliance	Complete
	CEQA Compliance	Complete
	Task 8: Permits	Not Complete
	CDFW	Initial Permit Complete New Permit Required*
	ACOE	Complete
	RWQCB	Complete
	Protocol Level Survey for Bald Eagle	Complete
	Task 9: Additional Environmental Services	Complete
1.9	35% SUBMITTAL	Complete
	Preliminary Design and Type Selection	Complete
	35% Plans	Complete
	35% Level Construction Estimate	Complete
	Type Selection Report	Complete

PHASE II: FINAL DESIGN

	CONSTRUCTION DOCUMENTS	
2.1	UNCHECKED DESIGN SUBMITTAL (65% PS&E)	Complete
	65% Road Plans	Complete
	65% Bridge Plans	Complete
	65% Specifications	Complete
	65% Construction Cost Estimate	Complete

REVISED EXHIBIT A – 2A - TASK COMPLETION STATUS

	County Review of 65% PS&E	Complete
	Memorandum: Response to Comments	Complete
2.2	CHECKED DESIGN SUBMITTAL (95% PS&E)	Complete
	95% Road Plans	Complete
	95% Bridge Plans	Complete
	95% Specifications	Complete
	95% Construction Cost Estimate	Complete
	County Review of 95% PS&E	Complete
	Quality Assurance Review	Complete
	Memorandum: Response to Comments	Complete
2.3	FINAL DESIGN SUBMITTAL (100% PS&E)	Not Complete
	100% Final Plans (PS&E complete and ready for Advertisement)	Not Complete
	Memorandum: Response to Comments	Complete
	Bid Documents	Not Complete
2.4	SCHEDULE	Ongoing
2.5	ROW ACQUISITION SERVICES	Complete
	Legal Descriptions of areas to be acquired	Complete
	Record of Survey Map to show new ROW	Not Complete
2.6	BIDDING PERIOD SERVICES	Not Complete
2.7	CONSTRUCTION SUPPORT PROPOSAL SUBMITTAL	Not Complete
2.8	ADDITIONAL STRUCTURAL ENGINEERING SERVICES	Not Complete
2.9	ADDITIONAL CIVIL ENGINEERING SERVICES	Not Complete
2.10	ENGINEERING REPORT UPDATES	Not Complete
2.10A	Update Foundation Report and Provide Additional Foundation Design Consultation	Complete
2.10B	Update Bridge Hydraulics Study and Location Hydraulics Study	Complete
2.11	95% PS&E RE-SUBMITTAL (SUPERELEVATION, STANDARDS, DESIGN CODE, ETC.)	Complete
2.11A	Redesign the Superelevation	Complete
2.11B	Recheck Bridge Design	Complete
2.11C	Revise Bridge Barriers	Not Complete
2.11D	Update Elastomeric/Polytetrafluoroethylene (PTFE) Bearings	Complete
2.11E	Permanent Steel Casing	Complete
2.11F	Design for 18" Drain Line into the Stormwater Treatment Plant	Complete
2.11G	Update ROW	Complete
2.11H	2018 Caltrans Standard Specifications and Plans	Complete
2.11I	Update Opinion of Probable Construction Costs	Complete
2.12	FINAL PS&E SUBMITTAL	Complete
2.12A	Preparation of Final Submittal Package	Complete
2.13	MISCELLANEOUS ADDITIONAL SERVICES	Not Complete
2.13A	Independent Quality Control	Complete
2.13B	Coordination and Quality Control Review	Complete

REVISED EXHIBIT A – 2A - TASK COMPLETION STATUS

2.13C	Application for RWCCB Permit	Complete
2.13D	Post-Construction Stormwater Treatment Plant	Complete
2.13E*	Renewal of Application for CDFW Permit	Not Complete
2.13F*	Revise Bridge Barrier Rails	Not Complete
2.13G*	Addition of Utility Conduits for Underground PG&E Electrical Lines	Not Complete

PHASE III: CONSTRUCTION

3.1	CONSTRUCTION SUPPORT	Not Complete
3.2	ASSISTANCE DURING BIDDING	Not Complete
3.3	DESIGN SUPPORT DURING CONSTRUCTION	Not Complete
3.3A	Assistance During Construction	Not Complete
3.4	ADDITIONAL SERVICES	Not Complete

* Additional tasks added to Agreement scope under Amendment No. 8 and as needed for Project compliance.

EXHIBIT A-4 –SCOPE OF SERVICES/PAYMENT PROVISIONS

**To Agreement by and between
County of Monterey, hereinafter referred to as “County”
and**

Biggs Cardosa Associates, Inc., hereinafter referred to as “CONTRACTOR”

A. SCOPE OF SERVICES

CONTRACTOR shall provide services and staff, and otherwise do all things necessary for or incidental to the performance of additional services associated with completion of the Nacimiento Lake Drive Bridge Replacement Project at San Antonio River, County No.449, State Bridge No. 44C-009 (hereinafter, “Project”).

County has been developing the design of the replacement structure for the Project, and has requested that CONTRACTOR perform the following additional services to complete the Final Design of the Project:

- Renewal of California Department of Fish and Wildlife (CDFW) Permit
- Revision of Caltrans Type 80 to Texas Type C411 Bridge Barrier Rails
- Addition of Conduits for PG&E Lines to the Bridge

PHASE 0: PROJECT MANAGEMENT (CONTRACTOR)

Project Management services include the supervision and scheduling of Project staff, review of work prepared by staff and subconsultants, Project coordination and meetings, acting as the client liaison, and monitoring the Project schedule and the budget. These services will be provided for the additional services indicated below.

PHASE II: FINAL DESIGN

TASK 2.13 – MISCELLANEOUS ADDITIONAL SERVICES

Task 2.13E – Renewal of Application for CDFW Permit (CONTRACTOR and David J. Powers & Associates, Inc.)

On behalf of County, CONTRACTOR submitted an application to the CDFW for a Streambed Alteration Agreement for the Project in October 2015. CONTRACTOR worked with CDFW staff in the processing of the application in 2015-16, and CDFW issued an “op-law” permit in March 2016. The “op-law” permit expires in 2020 and cannot be extended. Per CDFW, a new application (with new application fee) needs to be submitted to allow for construction to occur beyond 2020.

CONTRACTOR will prepare and submit a new application to the CDFW for a Streambed Alteration Agreement for the Project. The submittal will utilize the current version of the application form and CONTRACTOR will include any additional documentation required, responses to questions and any revisions needed. CONTRACTOR will coordinate with CDFW staff on the processing of the application and will pay the application fee to the CDFW on behalf of County.

EXHIBIT A-4 –SCOPE OF SERVICES/PAYMENT PROVISIONS

Key Assumptions:

- *Application fee will not exceed \$5,500.*
- *Project design has not changed from that described in the October 2015 application.*
- *CDFW will not require new or updated fieldwork.*
- *CDFW will not require updates to prior-completed environmental studies or CEQA.*
- *The Project's Mitigation & Monitoring Plan (MMP), dated August 4, 2015, prepared by County is acceptable to the CDFW.*

Task 2.13.F – Revise Bridge Barrier Rails (CONTRACTOR and Rajappan & Meyer)

Per Caltrans comments on the 95% Plans, Specifications and Estimate (PS&E) submitted in December 2019, in order to meet current barrier Manual for Assessing Safety Hardware (MASH) testing requirements, the indicated Type 80 bridge barriers need be revised. County has determined, based on discussions with Caltrans, that the Texas Type C411 bridge barrier meets the current MASH testing requirements and is acceptable for the Project. Road and bridge plans, details, design calculations, quantities, estimate and specifications will be updated per the change to the Texas Type C411 bridge barrier. CONTRACTOR will revise bridge barriers as necessary for compliance to meet or exceed the 2019 Federal Highway Administration (FHWA) and Caltrans requirements that requires all bridges built using federal funds to install a bridge barrier rail that has been crash tested and is MASH approved. Type 80 Mod Concrete barrier rail currently specified is not MASH approved and CONTRACTOR shall replace the barrier rail to use the MASH approved Texas T411 bridge railing.

Key Assumptions:

- *Overall roadway and bridge width will not be modified.*

Task 2.13G – Addition of Utility Conduits for Underground PG&E Electrical Lines (CONTRACTOR)

Previously, PG&E had planned to relocate their overhead electrical lines for the Project outside of the roadway and bridge structure. However, in recent discussions between County and PG&E, PG&E indicated that their design requirements have changed due to the recent fires in Northern California. Rather than installing the multiple additional utility poles that would now be required, PG&E would like to underground the overhead electrical lines at the bridge location and run electrical conduits through the box girder bridge structure. Bridge plans and details will be revised to indicate the requested pair of 6-inch conduits and associated cradles, casings, etc. Quantities, estimate and specifications will also be revised to incorporate this change. CONTRACTOR shall add two (2) 6" utility conduits required by PG&E to accommodate the underground PG&E electrical lines and modify bridge design to accommodate this change to enable the placement of two (2) 6" utility conduits into the box girder bay along the east side of the new bridge.

Key Assumptions:

- *Two (2) 6-inch diameter conduits will be provided in the right cell of the box girder structure.*
- *Coordination with PG&E will be provided by County.*

EXHIBIT A-4 –SCOPE OF SERVICES/PAYMENT PROVISIONS

B. PAYMENT PROVISIONS

B.1 COMPENSATION/PAYMENT

County shall increase the amount of the Agreement by \$57,800 for Phase II: Final Design (\$2,845 for Project Management and \$54,955 for Final Design) for Amendment No. 8 for a total amount not to exceed of \$1,501,880 for the Agreement for the performance of all things necessary for or incidental to the performance of work as set forth in this Exhibit A-4. CONTRACTOR's compensation for services rendered shall be based on the services outlined in Sections A, Scope of Services; and Summary of Budget of this Exhibit A-4.

County and CONTRACTOR agree that CONTRACTOR shall be reimbursed for travel expenses within the not to exceed task budgets during this Agreement. CONTRACTOR shall receive compensation for travel expenses as per the "County Travel and Business Expense Reimbursement Policy". A copy of the policy is available online at: <https://www.co.monterey.ca.us/home/showdocument?id=69364>. To receive reimbursement, CONTRACTOR must provide a detailed breakdown of authorized expenses, identifying what was expended and when.

CONTRACTOR warrants that the cost charged for services under the terms of this Agreement are not in excess of those charged to any other client for the same services performed by the same individuals.

B.2 CONTRACTOR'S BILLING PROCEDURES

Payment shall be based upon satisfactory completion and acceptance of each major part of the Agreement.

Invoices under this Agreement shall be submitted monthly and promptly, and in accordance with Paragraph 6, "Payment Conditions", of the Agreement. All invoices shall reference the Multi-Year Agreement (MYA) number (MYA #3000*4758), the Project name and associated Delivery Order number, and an original hardcopy shall be sent to the following address or via email to RMA-Finance-AP@co.monterey.ca.us:

County of Monterey
Resource Management Agency (RMA) – Finance Division
1441 Schilling Place, South 2nd Floor
Salinas, California 93901-4527

Any questions pertaining to invoices under this Agreement should be directed to the RMA Finance Division at (831) 755-4800 or via email to: RMA-Finance-AP@co.monterey.ca.us.

County may, in its sole discretion, terminate the Agreement or withhold payments claimed by CONTRACTOR for services rendered if CONTRACTOR fails to satisfactorily comply with any term or condition of this Agreement.

No payments in advance or in anticipation of services or supplies to be provided under this Agreement shall be made by County.

EXHIBIT A-4 –SCOPE OF SERVICES/PAYMENT PROVISIONS

County shall not pay any claims for payment for services submitted more than twelve (12) months after the calendar month in which the services were completed.

DISALLOWED COSTS: CONTRACTOR is responsible for any audit exceptions or disallowed costs incurred by its own organization or that of its subcontractors.

B.3 CONTRACTOR'S UPDATED HOURLY RATES

Principal	Engineering Manager	Senior Engineer	Project Engineer	Senior CADD Drafter	Secretarial
\$107.31	\$75.00	\$65.00	\$60.00	\$55.00	\$60.00

SUMMARY OF BUDGET:**PHASE 0: PROJECT MANAGEMENT**

Task 0.7	Project Management (Contractor)	\$ 2,845*
	SUBTOTAL – PROJECT MANAGEMENT	\$ 2,845

*To be paid under Phase II: Final Design

PHASE II: FINAL DESIGN

Task 2.13E	Application/Renewal of CDFW Permit (Contractor)	\$ 2,743
	Subconsultant fees (David J. Powers & Associates, Inc.)	\$ 10,650
	Permit Fee	\$ 5,500
Task 2.13F	Revision of Bridge Barriers (Contractor)	\$ 22,253
	Subconsultant fees (Rajappan & Meyer)	\$ 9,600
Task 2.13G	Addition of Utility Conduits (Contractor)	\$ 3,613
	Direct Costs (Contractor)	\$ 596
	SUBTOTAL – PHASE II: FINAL DESIGN	\$ 54,955

**See Phase 0.: Project Management, Task 0.7, for additional costs related to Phase II: Final Design

TOTAL	\$57,800
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EXHIBIT A-4 –SCOPE OF SERVICES/PAYMENT PROVISIONS

Estimated Man Hours and Cost for the Nacimiento Lake Drive Bridge (Replace)
 Prepared for the County of Monterey - Additional Services Request #5 - Additional Final Design Services

03/25/20 Revised



		BIGGS CARDOSA ASSOCIATES								
		PRIME CONSULTANT								
		M. Harms Principal	Engineering Manager	Senior Engineer	Project Engineer	Senior CADD Drafter	Secretarial	Total BCA Hours	Total BCA Dollars without OH and Fee	Total BCA Dollars with OH and Fee
TASK		Rate (unloaded)	\$107.31	\$75.00	\$65.00	\$60.00	\$55.00	\$60.00		
PROJECT MANAGEMENT										
Project Administration, Coordination, Management			2	10	0	0	0	0	12	\$965 \$2,846
Project Management and Administration			1	4					5	\$407
Design Coordination and Quality Assurance			1	6					7	\$557
									0	\$0
FINAL DESIGN										
Renewal of CDFW Permit			0	4	6	4	0	0	14	\$930 \$2,743
Coordination Regarding Permit Questions and Quantities				4	6	4			14	\$930
Revision of Barriers to Texas Type C411			0	11	48	16	48	0	123	\$7,545 \$22,253
Update Design Calculations for Change in Weight					4	16			20	\$1,220
Update Project Plans and Details				8	40		48		96	\$5,840
Update Specifications				2	2				4	\$280
Update Opinion of Probable Construction Cost				1	2				3	\$205
Utility Relocation Changes			0	4	9	2	4	0	19	\$1,225 \$3,613
Update Project Plans and Details				2	4		4		10	\$630
Update Project Specifications				1	2				3	\$205
Update Quantities					1	2			3	\$185
Update Opinion of Probable Construction Cost				1	2				3	\$205
TOTAL HOURS										
Subtotal Hours			2	29	63	22	52	0	168	
Total BCA Direct Labor Cost			\$215	\$2,175	\$4,095	\$1,320	\$2,860	\$0		\$10,665 \$31,455
TOTAL HOURS								168		
DIRECT COSTS										\$595
BCA TOTAL DIRECT LABOR AND DIRECT COSTS										\$32,050 \$32,050
A. Biggs Cardosa Associates										
Total BCA Direct Labor Cost										\$10,665
Overhead (1.6813)										\$17,930
Project Escalation (4% per year) 0 years										\$0
A. SUBTOTAL BIGGS CARDOSA ASSOCIATES (\$)										\$28,595
B. Subconsultants										
RAJAPPAN & MEYER										\$9,600
BESTOR										
SCHAAF & WHEELER										
DAVID J. POWERS										\$16,150
PARIKH										
GEOCON										
B. SUBTOTAL SUBCONSULTANTS (\$)										\$25,750
C. Direct Costs										
Plots										\$400
Reproduction										\$95
Delivery Services										\$100
Miscellaneous										
C. SUBTOTAL DIRECT COSTS (\$)										\$595
TOTALS										
FIXED FEE (10.0%)		A								\$28,595
B+C										\$2,860
FEE (0%)										\$28,345
TOTAL NOT TO EXCEED =										\$0
										\$57,800

1) Includes 0% mark-up on subconsultant services.

EXHIBIT A-4 –SCOPE OF SERVICES/PAYMENT PROVISIONS

ADDITIONAL SERVICES REQUEST
NACIMIENTO LAKE DRIVE BRIDGE REPLACEMENT
RAJAPPAN & MEYER

Employer ID No.: 77-0363612

R&M Project No.: 29007

Work Description: Barrier Revision**FEE ESTIMATE**

LABOR:	TITLE:	HOURS:	RATE:	TOTAL:
Bala M. Rajappan	Principal Manager	8.00	\$ 280.00	\$ 2,240.00
Nirmala Mummaneni	Senior Engineer	20.00	\$ 160.00	\$ 3,200.00
Jeyendran S.	Project Engineer	20.00	\$ 140.00	\$ 2,800.00
Sushil Patil	Assistant Project Engineer	0.00	\$ 110.00	\$ -
Abdul Mohammed	CADD Engineer	0.00	\$ 90.00	\$ -
Subha Sakhamuru	Administrative	2.00	\$ 80.00	\$ 160.00
TOTAL HOURS		50.00	TOTAL LABOR	\$ 8,400.00

SUB-CONSULTANTS**\$ -****OTHER DIRECT COSTS**

CADD/Computer	100.00	\$ 12.00	\$ 1,200.00
TOTAL ODC'S			\$ 1,200.00

TOTAL FEE ESTIMATE**\$ 9,600.00**

EXHIBIT A-4 –SCOPE OF SERVICES/PAYMENT PROVISIONS



Nacimientto Bridge Replacement:
Cost for Additional Services to Re-Apply for CDFW Permit

	Principal		Project Manager		TOTAL
	Hours	Amount	Hours	Amount	
<u>RWQCB Permit:</u>					
Prepare and Resubmit Application	8	\$2,200	12	\$2,280	\$4,480
Respond to Agency Comments/Questions	10	\$2,750	18	\$3,420	\$6,170
<u>Expenses:</u>					
Permit Fee					\$5,500
			<u>TOTAL:</u>		<u>\$16,150</u>

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