



Monterey County

Board Order

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

Agreement No.: A-11286

- a. Approved Amendment No. 4 to Professional Services Agreement No. A-11286 with Wood Rodgers, Inc., to include the second phase of work (Phase 2) associated with completion of environmental documentation and construction plans, specifications and engineer's estimate for revised trail alignment for the Monterey Bay Sanctuary Scenic Trail - Moss Landing Segment, Project No. 866865, in the amount of \$428,422.00 for a total amount not to exceed \$1,732,577.79, and extend the term to June 30, 2014; and
- b. Authorized the Contracts/Purchasing Officer to execute Amendment No. 4 to Professional Services Agreement No. A-11286 and future amendments that do not significantly alter the scope of work or change the approved Agreement amount.

PASSED AND ADOPTED on this 11th day of September 2012, by the following vote, to-wit:

AYES: Supervisors Armenta, Calcagno, Salinas, Parker, and Potter
NOES: None
ABSENT: None

I, Gail T. Borkowski, 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 76 for the meeting on September 11, 2012.

Dated: September 18, 2012
File Number: A 12-167

Gail T. Borkowski, Clerk of the Board of Supervisors
County of Monterey, State of California

By Denise Hancock
Deputy

**AMENDMENT NO. 4
TO PROFESSIONAL SERVICES AGREEMENT
BETWEEN COUNTY OF MONTEREY AND
WOOD RODGERS, INC.**

THIS AMENDMENT NO. 4 to the Professional Services Agreement between the County of Monterey, a political subdivision of the State of California (hereinafter, "County") and Wood Rodgers, Inc. (hereinafter, "CONTRACTOR") is hereby entered into between the County and the CONTRACTOR (collectively, the County and CONTRACTOR are referred to as "the Parties").

WHEREAS, CONTRACTOR entered into a Professional Services Agreement with County on October 27, 2008 (hereinafter, "Agreement"); and

WHEREAS, Agreement was amended by the Parties on December 3, 2009 (hereinafter, "Amendment No. 1"), September 29, 2010 (hereinafter, "Amendment No. 2"), and September 2, 2011 (hereinafter, "Amendment No. 3"); and

WHEREAS, as a result of the findings from an archeological study conducted during the Design Engineering and Environmental Phase of the Monterey Bay Sanctuary Scenic Trail – Moss Landing Segment ("Segment"), an alternative alignment was developed for the Segment; and

WHEREAS, the Segment's proposed project schedule has been revised to include additional time to allow for the development of an alternative alignment for the Segment; and

WHEREAS, Phase 1, Alternative Development, Environmental Technical Field Work and Reporting, of the Segment's alternative alignment was completed; and

WHEREAS, results of the completion of Phase 1 revealed that there were no significant cultural resources uncovered in the area of the revised alignment and allow for continuation of work associated with Phase 2 of the Segment's alternative alignment; and

WHEREAS, additional work and time are necessary to allow for the completion of Phase 2, Environmental Documentation and Construction Plans, Specifications and Estimate (PS&E) for Revised Trail Alignment, of the Segment's alternative alignment; and

WHEREAS, the Parties wish to further amend the Agreement to increase the amount by \$428,422.00 and extend the term to June 30, 2014 to allow CONTRACTOR to provide tasks associated with Phase 2 of the Segment's alternative alignment as identified in the Agreement according to the revised project schedule and as amended by this Amendment No. 4.

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

1. Amend 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, A-2, A-3 and A-4 in conformity with the terms of this Agreement. The services are generally described as follows: complete environmental documentation and construction plans, specifications, and engineer's estimate and development of an alternative alignment for the Monterey Bay Sanctuary Scenic Trail – Moss Landing Segment.

2. 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-2, 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 \$1,732,577.79.

3. Amend the first sentence of Paragraph 3, "Term of Agreement", to read as follows:

The term of this Agreement is from October 1, 2008 to June 30, 2014, unless sooner terminated pursuant to the terms of this Agreement.

4. Amend Paragraph 4, "Additional Provisions/Exhibits", by adding "Exhibit A-4, Scope of Services/Payment Provisions".


5. All other terms and conditions of the Agreement remain unchanged and in full force.

6. This Amendment No. 4 shall be attached to the Agreement and incorporated therein as if fully set forth in the Agreement.

IN WITNESS WHEREOF, the Parties hereto have executed this Amendment No. 4 to the Professional Services Agreement as of the day and year written below:

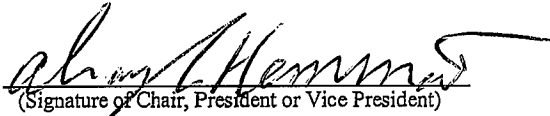
COUNTY OF MONTEREY

CONTRACTOR*

By: 
Contracts/Purchasing Officer
SEP 26 2012

Wood Rodgers, Inc.
Contractor's Business Name

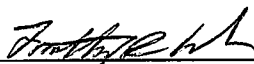
Date: _____

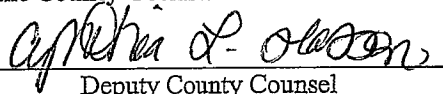
By: 
(Signature of Chair, President or Vice President)

Its: Ali A. Hemmati, Vice President
(Print Name and Title)

Date: 8/1/2012

**Approved as to Form and Legality
Office of the County Counsel**

By: 
(Signature of Secretary, Asst. Secretary, CFO,
Treasurer or Assistant Treasurer)

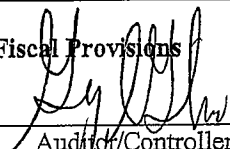
By: 
Deputy County Counsel

Its: Timothy R. Crush, Secretary
(Print Name and Title)

Date: 8-8-12

Date: 8/1/12

Approved as to Fiscal Provisions

By: 
Auditor/Controller
8-2-12

Approved as to Indemnity and Insurance Provisions

By: _____
Risk Management

Date: _____

*INSTRUCTIONS: IF CONTRACTOR is a corporation, including limited liability and non-profit corporations, the full legal name of the corporation shall be set forth above together with the signatures of two specified officers. If CONTRACTOR is a partnership, the 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.

SEP 26 2012 

EXHIBIT A-4 – SCOPE OF WORK / PAYMENT PROVISIONS

Wood Rodgers, Inc. proposes the following Scope of Work for Phase 2 to provide environmental documentation and plans, specifications, and engineer's estimate for the Monterey Bay Sanctuary Scenic Trail – Moss Landing Segment and will be utilizing the following subconsultants: LSA Associates, Inc. (LSA); Earth Systems Pacific; Parikh Consultants, Inc.; and SEA Engineering.

Phase 2: Complete Environmental Documentation and Construction PS&E for Revised Trail Alignment:

Phase 2A. Project Management: Wood Rodgers will participate in up to two (2) additional meetings with Monterey County, the property owner (Moss Landing Power Plant), and/or the various agencies involved in project review and approval. We assume that the Wood Rodgers Project Manager will be involved in one of these meetings and the Project Engineer will participate in both of them. In addition, Wood Rodgers will expend additional labor in managing the project for an additional twelve (12) months during the second phase, including additional coordination and preparation of twelve (12) additional progress reports. Also, this budget includes a brief weekly conference call with Monterey County to review progress and current issues. This is estimated to require the following additional budget:

| | | |
|---|---|------------------|
| Principal Engineer (Proj Mgr) | Meetings: 18 hr x \$185.00/hr = | \$ 3,330 |
| | Management: 3 hr/mo x 12 mo x \$185.00/hr = | \$ 6,660 |
| Engineer III (Proj. Engr) | Meetings: 32 hr x \$125.00/hr = | \$ 4,000 |
| | Management: 5 hr/mo x 12 mo x \$125.00/hr = | \$ 7,500 |
| Administrative Support: | 6 hr/mo x 12 mo x \$ 70.00/hr = | \$ 5,040 |
| | Reimbursables (Travel Expenses) | = \$ 400 |
| Additional Phase 2 PM Budget for Wood Rodgers: | | \$ 26,930 |

Phase 2B. Environmental Technical Report Updates and Environmental Documentation:

Preparation of technical studies listed below could require an Encroachment Permit from Caltrans in order to access the revised trail alignment. If necessary, LSA's environmental planner will prepare a Standard Encroachment Permit Application for Caltrans review and approval. LSA will submit the permit application form, with any required fees, and coordinate with Caltrans for permit approval prior to commencing field work.

Phase 2B.a Environmental Technical Studies

Phase 2B.a.1: Natural Environment Study/Jurisdictional Delineation. The Natural Environment Study (NES) prepared for the original alignment will be revised to incorporate a description and analysis of the revised trail alignment to avoid the knoll area. A Jurisdictional Delineation has been completed for the original alignment and for the revised trail alignment. No wetlands were observed within the revised trail alignment. This conclusion will be clearly stated in the revised NES. The following subtasks will be completed to analyze the effects of the revised trail alignment.

- **Revise the NES** - LSA will revise the NES to assess impacts to biological and wetland resources along the revised trail alignment. Revisions will only be made to account for the revised trail alignment, not to previously completed sections of the NES. As part of the revision LSA will update the Project Description, modify report graphics to show the revised trail alignment, update the information on trees that would be affected by the revised trail alignment, assess new impacts associated with the revised trail alignment, including calculating the amount of acreage per habitat

EXHIBIT A-4 – SCOPE OF WORK / PAYMENT PROVISIONS

type that would be impacted, and recommend measures to minimize, avoid, or compensate for impacts associated with the revised trail alignment.

- **Document Preparation**

- Provide Wood Rodgers and the County of Monterey with a draft of the revised Natural Environment Study/Jurisdictional Delineation for their review and comments;
- Revise the NES/Jurisdictional Delineation per comments from Wood Rodgers and the County of Monterey and submit a draft NES/Jurisdictional Delineation for Caltrans' review and comments; and
- Respond to Caltrans' comments and finalize the NES for Caltrans' signature and the Jurisdictional Delineation for approval by the Army Corps of Engineers.

Phase 2B.a.2: Phase I Environmental Site Assessment. Earth Systems Pacific prepared a Phase I Environmental Site Assessment (ESA) for the project in September 2009. Earth Systems Pacific will prepare a revised ESA will be prepared in accordance with Caltrans procedures and in general accordance with the American Society of Testing and Materials (ASTM) Designation E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The following tasks will be conducted as part of this evaluation:

- Complete a Caltrans ESA checklist for the revised trail alignment, as referenced in the Caltrans Project Development Procedures Manual;
- Earth Systems Pacific will conduct an agency records database search to identify hazardous waste sites surrounding the proposed project site and classified as hazardous waste under State law. This is necessary in order to ascertain the current regulatory status of the facilities surrounding the proposed project, because the prior ISA was completed over twenty-eight (28) months ago. The records search will also identify business types located in the area that store, transfer, or utilize large quantities of hazardous materials. This information will be obtained from records maintained by Federal, State, and local agencies. Earth Systems Pacific will utilize a database service to perform this search;
- Conduct a visual survey of the revised trail alignment via public right-of-way to identify any obvious area of hazardous waste contamination; and
- Provide Wood Rodgers and the County of Monterey with a revised edition of the ESA report text and figures for their review and comments;
- Revise the ESA report per comments from Wood Rodgers and the County of Monterey and submit a draft Phase I ESA Report for Caltrans' review and comments; and
- Respond to Caltrans' comments and finalize the Phase I ESA.

The updated ESA report will evaluate the presence or potential presence of sources of contamination that may have adversely affected the soil and/or groundwater in the project area, and will make recommendations for further investigation, if necessary, in accordance with Caltrans requirements and the ASTM standard. This scope of work does not include review of private records or interviews with private property owners.

Phase 2B.a.3: Visual Impact Assessment. LSA will update the Visual Impact Assessment as follows:

- Revise the Project Description to include the revised trail alignment;
- Prepare a new Key View that describes the visual characteristics of the revised trail alignment at this location, the existing visual characteristics that would be affected by the revised trail alignment, the impacts to this view from construction and operation of the revised trail alignment; and recommend

EXHIBIT A-4 – SCOPE OF WORK / PAYMENT PROVISIONS

mitigation measures or proposed project features to reduce any identified adverse impacts associated with the revised trail alignment;

- Modify report graphics to include the revised trail alignment.
- Provide Wood Rodgers and the County of Monterey with a draft of the revised Visual Impact Assessment for their review and comments;
- Revise the Visual Impact Assessment per comments from Wood Rodgers and the County of Monterey and submit a draft Visual Impact Assessment for Caltrans' review and comments; and
- Respond to Caltrans' comments and finalize the Visual Impact Assessment.

Phase 2B.a.4: Water Quality Assessment. LSA will revise the Water Quality Assessment Report (WQAR) for the project to include the revised trail alignment, including a revised project description, additional graphics, additional impact assessment, and additional mitigation measures, as necessary. The WQAR will be updated to include regulatory changes that have occurred since preparation of the WQAR in October 2009. Specifically, information on the new Construction General Permit and the Post-Construction Stormwater Management Requirements for Development Projects in the Central Coast Region and the 2010 303(d) list will be added. The WQAR will include a preliminary risk assessment utilizing the GIS Map Method to determine the anticipated project risk level and requirements under the General Construction Permit and the Post-Construction Stormwater Management Requirements for Development Projects in the Central Coast Region. Wood Rodgers will provide the following additional information required to complete the revised WQAR:

- Disturbed soil area for the revised trail alignment
- New impervious surface area for the revised trail alignment
- Anticipated duration of construction (start and end dates) for all proposed alternatives
- Updated Best Management Practices (BMP) information for all proposed alternatives. It is anticipated that the proposed BMPs will have to comply with the post-construction requirements detailed in the new Construction General Permit. If it is determined that an Erosivity Waiver under the Construction General Permit is applicable to the proposed project, the post-construction requirements may not be applicable to the proposed project.
- Non-structural and structural measures and calculations demonstrating that the project will comply with the post-construction hydromodification requirements of the General Construction Permit. It is anticipated that the proposed project will be required to replicate the pre-project water balance. However, if it is determined that an Erosivity Waiver under the Construction General Permit is applicable to the proposed project, the hydromodification requirements may not be applicable to the proposed project.
- If the disturbed soil area will exceed two (2) acres, information demonstrating that the pre-construction drainage density will be preserved and time of concentration runoff would be equal to or greater than pre-project time of concentration, per the requirements of the General Construction Permit. If it is determined that an Erosivity Waiver under the Construction General Permit is applicable to the proposed project, these requirements may not be applicable to the proposed project.
- Provide Wood Rodgers and the County of Monterey with a draft of the revised Water Quality Assessment for their review and comments;
- Revise the Water Quality Assessment per comments from Wood Rodgers and the County of Monterey and submit a draft Visual Impact Assessment for Caltrans' review and comments; and
- Respond to Caltrans' comments and finalize the Water Quality Assessment.

EXHIBIT A-4 – SCOPE OF WORK / PAYMENT PROVISIONS

Phase 2B.b Environmental Documentation

Phase 2B.b.1: Administrative Draft Initial Study/Environmental Assessment (IS/EA). Following final approval of the technical reports, LSA will prepare an Administrative Draft IS/EA per the guidance contained in Caltrans' Standard Environmental Reference, and submit the Administrative Draft IS/EA to Wood Rodgers for review. Comments from Wood Rodgers will be incorporated into the environmental document and a revised Administrative Draft IS/EA will be provided to the County of Monterey for review and approval. Information from the updated technical reports will be incorporated into the IS/EA. The environmental document will also provide impact analyses of other relevant environmental topics in which technical studies were not required, such as land use and utilities.

After receiving comments on the Administrative Draft IS/EA from Wood Rodgers and the County, LSA will revise the document and submit it Caltrans for review.

Phase 2B.b.2: Screen check Draft Initial Study/Environmental Assessment (IS/EA). LSA will respond to Caltrans' comments on the Administrative Draft IS/EA, and complete the necessary revisions. LSA will provide the screen-check version of the Draft IS/EA to Wood Rodgers and the County for a final review prior to submission of the Draft IS/EA to Caltrans. The purpose of submitting this screen-check version would be to review the changes to the document, resolve any remaining questions that arise, and verify that Wood Rodgers and the County are satisfied with the overall Draft IS/EA.

After receiving comments on the screen-check Draft IS/EA from Wood Rodgers and the County, LSA will revise the document and submit it Caltrans for review.

Phase 2B.b.3 Public Review Draft Initial Study/Environmental Assessment (IS/EA). Once the Draft IS/EA is approved by Caltrans for public review, LSA will distribute up to forty (40) copies of the document to a distribution list for the project developed by LSA with County staff input. LSA will prepare a Draft Notice of Intent (NOI) and Notice of Availability (NOA) of the Draft IS/EA for public review. Monterey County will be responsible for publication of the public notice in a general circulation newspaper. In addition, LSA will file a Notice of Completion (NOC) with the County Clerk and/or the State Clearinghouse to begin the required public review period. As part of the public review process, LSA will participate in one (1) community presentation meeting coordinated by County staff.

Phase 2B.b.4: Final Initial Study/Environmental Assessment (IS/EA) and Mitigation Monitoring and Reporting Plan. After the close of the public comment period, LSA will prepare written responses to comments received on the Draft IS/EA and submit the responses for review by Wood Rodgers, Monterey County, and Caltrans. Prior to preparing the written responses, LSA shall confer with the County and Caltrans to review written comments and comments from any public meetings to develop a general framework and strategies for preparation of responses. Revisions to the IS/EA will be addressed within the context of the written responses.

LSA will attend up to two (2) public hearings. Following the Planning Commission's approval of the IS/EA, LSA will prepare and file a Notice of Determination (NOD) with the County Clerk and State Clearinghouse. If the environmental review indicates that the project would not qualify for the California Department of Fish and Game (CDFG) exemption, the County will provide a check for the required review fee (currently \$2,044) to be submitted with the NOD.

LSA will prepare a Mitigation Monitoring and Reporting Program (MMRP) in accordance with CEQA Guidelines Section 15097 and Caltrans' SER guidance for use in ensuring implementation of the mitigation measures for the project. The Draft MMRP will be submitted to the County and Caltrans for review and comment, after which the Final MMRP will be provided to the County and Caltrans along

EXHIBIT A-4 – SCOPE OF WORK / PAYMENT PROVISIONS

with the IS/EA for approval. Upon final approval of the Final IS/EA and Final MMRP, LSA will prepare ten (10) copies of the Final IS/EA.

Phase 2B.c Environmental Project Management (Phase 2) and Meetings

LSA's Project Manager will be responsible for overseeing and reviewing all technical revisions and providing the County with copies of all final technical reports with the revised trail alignment and associated graphics and analysis included. LSA's Project Manager will also be responsible for routine monthly project administration. LSA's Project Manager and Principal in Charge confer on task oversight and budget management as necessary. It is anticipated that the additional technical work and environmental documentation will take up to eighteen (18) months.

LSA's Project Manager will attend at least one (1) on-site field meeting with the project team and participate in up to three (3) team conference calls during preparation of the technical reports and environmental documentation. Also, as part of the public review process for the IS/EA, LSA's Project Manager will participate in one (1) community presentation meeting coordinated by County of Monterey staff.

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| 2B.a.1 Natural Environment Study & Jurisdictional Delineation | \$ 12,445 |
| 2B.a.2 Phase I Environmental Site Assessment | \$ 2,800 |
| 2B.a.3 Visual Impact Assessment | \$ 8,320 |
| 2B.a.4 Water Quality Assessment | \$ 7,980 |
| 2B.b Environmental Documentation | \$127,880 |
| 2B.c Environmental Project Management and Meetings | <u>\$ 13,460</u> |
| Additional Phase 2B Budget for LSA Associates: | \$172,885 |

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| Principal Engineer (Proj Mgr) | 4 hr x \$185.00/hr = | \$ 740 |
| Engineer III (Project Engineer) | 48 hr x \$125.00/hr = | \$ 6,000 |
| Engineer II (Trail Designer) | 8 hr x \$115.00/hr = | \$ 920 |
| CAD Tech III (Drafting) | 4 hr x \$ 95.00/hr = | <u>\$ 380</u> |
| Additional Phase 2B Budget for Wood Rodgers | | <u>\$ 8,040</u> |

Total Phase 2B Environmental Studies Budget: \$180,925

Phase 2C. Additional Geotechnical Investigation & Geotechnical Design Report: The current design of the project is based on the geotechnical investigation and recommendations prepared by Parikh Consultants. We anticipate that the new alternative alignment will involve cuts, fills, and structure foundations in locations where the original subsurface investigation did not anticipate any, so borings were not performed. For the new alternative, the required additional subsurface investigation is anticipated to involve up to five additional borings to a depth of between ten (10) feet and thirty (30) feet below surface for trail and retaining walls. In addition, two (2) borings to a depth of thirty (30) feet are planned to provide information for bridge foundation recommendations. The locations of borings will be determined after the geometrics of the new alternative and limits and features of the structures associated with the new alternative have been determined. Since the locations where borings are anticipated generally are not accessible to a truck-mounted drill rig, Parikh anticipates using portable drilling equipment, which is limited as to depths that can be reached and has lower production rates. The boring information available from previous explorations in the vicinity will also be used for this study. The full range of work performed for the original project (mobilization, drilling, laboratory analysis, engineering analysis, preparation of logs of test borings and Geotechnical Design Report) is anticipated for the additional alternative. Wood Rodgers will provide planning information to Parikh Consultants, and will review the draft Geotechnical Design Report for consistency with the planned project. Parikh Consultants

EXHIBIT A-4 – SCOPE OF WORK / PAYMENT PROVISIONS

will provide geotechnical consultation to Wood Rodgers throughout the design process, and will attend meetings if necessary during the design review process. Parikh Consultants has estimated the following budget to perform the additional geotechnical work:

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| Parikh Consultants Labor | \$70,507 |
| Drilling costs, including hole grouting | = \$18,205 |
| Mileage & Reproduction | = <u>\$ 605</u> |
| Additional Phase 2C Budget for Parikh Consultants | \$89,317 |
| Principal Engineer (Proj Mgr) 4 hr x \$185.00/hr | = \$ 740 |
| Engineer III (Project Engineer) 8 hr x \$125.00/hr | = \$ 1,000 |
| CAD Tech III (Base for LOTB) 4 hr x \$ 95.00/hr | = <u>\$ 380</u> |
| Additional Phase 2C Budget for Wood Rodgers | <u>\$ 2,120</u> |
| Total Phase 2C Additional Geotechnical Budget: | \$91,437 |

Phase 2D. Redesign & Incorporation in Construction Plans, Special Provisions & Estimate: The project plans (both trail and structure) are already at the sixty-five percent (65%) level of completion, on the basis of the project alignment on which our contract is currently based. We anticipate that the project will be revised to incorporate the new alignment, which will require significant changes to the project plans (particularly trail sheets 1, 3, 4, 8, 9, 10, 12, 14, and many of the structures sheets in the project) will be required. The revised sixty-five percent (65%) project plans will be submitted for review, and the complete Plans, Special Provisions and Engineer's Estimate package will be submitted for review at the draft ninety-five percent (95%) and one hundred percent (100%) level of completion. It is not possible to precisely scope and budget the required changes to the plans until a final concept for the project is adopted. However, the change in project concept and revisions to the plans are estimated to require the following additional budget:

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| Trail PS&E: | Principal Engineer (Proj Mgr) 24 hr x \$185.00/hr | = \$ 4,440 |
| | Engineer III (Project Engineer) 60 hr x \$125.00/hr | = \$ 7,500 |
| | Engineer II (Trail Designer) 120 hr x \$115.00/hr | = \$ 13,800 |
| | CAD Tech III (Drafting) 60 hr x \$ 95.00/hr | = <u>\$ 5,700</u> |
| | Trail PS&E Subtotal | \$31,440 |
| Structure PS&E: | Senior Engineer (Structures Ck) 64 hr x \$175.00/hr | = \$ 11,200 |
| | Engineer III (Structures Design) 376 hr x \$125.00/hr | = \$ 47,000 |
| | CAD Tech III (Drafting) 292 hr x \$ 95.00/hr | = <u>\$ 27,740</u> |
| | Structures PS&E Subtotal | \$ 85,940 |
| | Reimbursables (Plotting & Reproduction) | = <u>\$ 2,000</u> |
| Additional Phase 2D Budget for Wood Rodgers: | | \$119,380 |

Phase 2E. Additional Topographic Survey of Shoreline: As part of the design of the rock shore protection revetment south of Elkhorn Slough, Sea Engineering prepared in December 2010 the topographic mapping in the area where the shoreline has eroded since the original project topographic mapping was prepared in January 2009. Sea Engineering reported that a field visit in February 2011 showed that further erosion of the shoreline has occurred since the December 2010 mapping was prepared, so we can expect that further significant erosion is likely before this project will start construction. Therefore, it will be necessary to again update the topographic mapping in the area where the planned revetment is to be constructed shortly before the project plans are finalized for construction bidding, so that accurate earthwork quantities can be determined and the plans can accurately depict the

EXHIBIT A-4 – SCOPE OF WORK / PAYMENT PROVISIONS

work to be done. Sea Engineering will again update the mapping. Wood Rodgers will coordinate the work and incorporate the revised mapping into the project plans and estimate.

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| Additional Budget for SEA Engineering: | \$ 6,240 |
| Engineer III (Project Engineer) 6 hr x \$125.00/hr = | \$ 750 |
| Engineer II (Trail Designer) 24 hr x \$115.00/hr = | <u>\$ 2,760</u> |
| Additional Budget for Wood Rodgers | <u>\$ 3,510</u> |
| Additional Phase 2E Budget: | \$ 9,750 |

RECAP OF ADDITIONAL BUDGET:

| | |
|--|------------------------|
| 2A. Additional Project Management | \$ 26,930 |
| 2B. Additional Environmental Technical Studies & Doc: | \$180,925 |
| 2C. Additional Geotechnical Investigation: | \$ 91,437 |
| 2D. Redesign and Revisions to PS&E | \$119,380 |
| 2E. Additional Topographic Survey | <u>\$ 9,750</u> |
| Total Additional Budget: | \$428,422 |

SCHEDULE:

All work for Phase 2 of the Project shall be completed by no later than eighteen (18) months from the Notice to Proceed (NTP).

| | Task Description | Scheduled completion date |
|------|-----------------------------------|----------------------------------|
| PM | Project Management | June 30, 2014 |
| MS-1 | Project Definition (Phase 1) | Completed (February 2012) |
| MS-2 | Environmental Documents (Phase 2) | 18 months from NTP |
| MS-3 | Design (Phase 2) | 18 months from NTP |
| MS-4 | Bidding for Construction | Not In Agreement |

PAYMENT PROVISIONS:

The total amount of services provided under Amendment No. 4 shall not exceed the amount of \$428,422.00 for a total Agreement amount not to exceed \$1,732,577.79. Payment for services shall be paid to the CONTRACTOR on a time and materials basis at the hourly rates provided and according to Provision 6 – PAYMENT CONDITIONS outlined in the Agreement.



COUNTY OF MONTEREY PURCHASE ORDER

ORDER DATE 10-08-2012

SC 3000 0000003093

IMPORTANT

THE ABOVE NUMBER AND SHIP TO DEPARTMENT MUST APPEAR ON ALL SHIPPING LABELS, PACKING SLIPS, TRANSPORT DOCUMENTS, INVOICES AND CORRESPONDENCE.

VENDOR
WOOD RODGERS INC
3301 C Street Bldg 100-B
Sacramento CA 95816

S H I P T O
PUBLIC WRK
168 W. ALISAL ST.,
2ND FLOOR
SALINAS CA 93901

B I L L T O
PUBLIC WRK
168 W ALISAL ST
2ND FLOOR
SALINAS CA 93901

VENDOR NUMBER: CV000001969

DELIVERY DATE:

F.O.B.:

| ITEM | QUANTITY | UNIT | COMMODITY CODE | ITEM DESCRIPTION | UNIT PRICE | SALES TAX | EXTENDED PRICE |
|------|----------|------|----------------|---|------------|-----------|----------------|
| 1 | 0.0 | | | <p>PURCH DESC: AMENDMENT NO. 4 TO THE PROFESSIONAL SERVICES AGREEMENT (PSA) NO. A-11286 BETWEEN WOOD RODGERS, INC. AND THE COUNTY OF MONTEREY EXTENDS THE TERM OF THE PSA FROM DECEMBER 31, 2013 TO JUNE 30, 2014 AND INCLUDES THE SECOND PHASE OF WORK (PHASE 2) ASSOCIATED WITH THE COMPLETION OF ENVIRONMENTAL DOCUMENTATION AND CONSTRUCTION PLANS, SPECIFICATIONS AND ENGINEER'S ESTIMATE (PS&E) FOR A REVISED TRAIL ALIGNMENT FOR THE MONTEREY BAY SANCTUARY SCENIC TRAIL - MOSS LANDING SEGMENT, PROJECT NO. 866865, IN THE AMOUNT OF \$428,422.00 FOR A TOTAL NOT TO EXCEED \$1,732,577.19. THE TERM OF THIS PSA IS FROM OCTOBER 1, 2008 THROUGH JUNE 30, 2014.</p> <p>PLEASE NOTE: OF \$428,422.00 ONLY \$122,887.00 SHALL BE ENCUMBERED IN FISCAL YEAR (FY) 2012-13. THE REMAINING \$305,535.00 SHALL BE ENCUMBERED IN FY 2013-14.</p> <p>THIS PO IS A CONTINUATION OF SC000000187, SC0000001440 & SC0000001989. AND IS VALID FROM THE PERIOD OF 07/01/2012 TO 06/30/2013 FOR A TOTAL AMOUNT NOT TO EXCEED \$443,512.99.</p> <p>COMM LINE DESC: Env Consulting MSDS: Not Required</p> | .00 | .00 | 443,512.99 |

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BY *MMW* DATE *10/9/12*

THE SHADED ROWS ARE FOR MONTEREY COUNTY DEPARTMENT USE ONLY

All Vendors are required to review the Monterey County general terms and conditions which apply to all contracts, purchase orders, and other electronic procurements made with the County unless otherwise noted. Said terms and conditions can be found on the County website at http://www.co.monterey.ca.us/admin/terms_conditions.htm

TAX EXEMPTION INFORMATION:
FEDERAL EXCISE TAX EXEMPTION NUMBER 94-6000524

COUNTY BUYER INFORMATION
Jaime Ayala
EMAIL: avalaj@co.monterey.ca.us
TELEPHONE: (831)755-4998 x4998

AUTHORIZED BY COUNTY OF MONTEREY
DEPUTIZED PURCHASING AGENT

PRINT DATE: 10/09/12

CONTRACTS/PURCHASING DIVISION
168 W. Alisal St. 3rd Floor, Salinas, CA 93901