RESOLUTION - ACTION REQUESTED 2014-437

MEETING: August 19, 2014

TO: The Board of Supervisors

FROM: Peter Rei, Public Works Director

RE: Approve an Agreement with Willdan Engineering for Bridge Preventative Maint

RECOMMENDATION AND JUSTIFICATION:
Approve an Agreement with Willdan Engineering for Preparation of the Bridge Preventative Maintenance Program (BPMP) in the Not to Exceed Amount of $50,982, and Authorize the Board of Supervisors Chair to Sign the Agreement.

Willdan Engineering will prepare the Bridge Preventative Maintenance Program for Mariposa County.

The Federal Highway Administration administers the Federal Highway Bridge Program as part of the current Federal Transportation Bill, MAP-21. Caltrans manages the program in the State of California.

Under current regulations 100% of the cost are reimbursable from the Highway Bridge Program.

Your Board should note that this contract is with Willdan Engineering. The County's Interim Public Works Director is a Willdan employee working under contract. Mr. Wilson played no role in the selection of Willdan for this contract and direct supervision of the work will be provided by another engineer within the Department. Given the level of expertise Willdan Engineering can provide to the County it is recommended that your Board award this contract at this time.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:
The Board could choose not to approve the Agreement which would mean that the County would need to seek another firm to prepare the BPMP.

FINANCIAL IMPACT:
Funds will be allocated into the Bridge Replacement/Repair fund #512 during Final Budget Adjustments.

ATTACHMENTS:
CAO RECOMMENDATION
Requested Action Recommended

RESULT: ADOPTED AS AMENDED BY CONSENT VOTE [UNANIMOUS]
MOVED: Merlin Jones, District II Supervisor
SECONDED: Janet Bibby, District III Supervisor
AYES: Stetson, Jones, Bibby, Cann, Carrier
TO: DOUG WILSON, Interim Public Works Director
FROM: RENE’ LaROCHE, Clerk of the Board
SUBJECT: Approval of Consent Agenda
RES. 14-434, 14-435 and 14-437

THE BOARD OF SUPERVISORS OF MARIPOSA COUNTY, CALIFORNIA
ADOPTED THIS Order on August 19, 2014

ACTION AND VOTE:
Chair Cann also noted that the contracts with Willdan in CA15, CA16, and CA18 were all negotiated a couple of months ago before the Interim Public Works Director, who is from the same company, was hired; but that Paragraph 2.03 will be edited to noted that all direct supervision will be provided by the Assistant Public Works Director of Operations; that it is not anticipated that either CA15 or CA16 will have any significant work performed while we are in an interim situation, but that CA18 does have some deadlines. Steven W. Dahlem/County Counsel added that the contracts that are attached to the agenda do not have that modification but that the modification will be made if the Board so directs. Chair Cann noted that a motion to adopt the consent agenda will require that additional language.

CA15. Public Works  RES-2014-434
Approve an Agreement with Willdan Engineering for Bridge Design for the Usona Road Over the Middle Fork of the Chowchilla River Bridge in the Not to Exceed Amount of 135,880.56, and Authorize the Board of Supervisors Chair to Sign the Agreement

Approve an Agreement with Willdan Engineering for Bridge Design for Tip Top Road Over the Middle Fork of the Chowchilla River Bridge in the Not to Exceed Amount of $113,540.30, and Authorize the Board of Supervisors Chair to Sign the Agreement

CA18. Public Works  RES-2014-437
Approve an Agreement with Willdan Engineering for Preparation of the Bridge Preventative Maintenance Program (BPMP) in the Not to Exceed Amount of $50,982, and Authorize the Board of Supervisors Chair to Sign the Agreement
PROFESSIONAL SERVICE AGREEMENT

15-013

THIS AGREEMENT is made this [19th] day of [August], 2014 between:

COUNTY: Mariposa County Department of Public Works
4639 Ben Hur Road
Mariposa, CA 95338

and

CONTRACTOR: Willdan Engineering
2240 Douglass Blvd., Suite 270
Roseville, CA 95661

ARTICLE 1. TERM OF AGREEMENT

1.01 Agreement Term: This Agreement shall become effective on August 19, 2014, and shall terminate on December 31, 2016, unless terminated in accordance with the provisions of Article 7 of this Agreement.

ARTICLE 2. INDEPENDENT CONTRACTOR STATUS

2.01 Independent Contractor: It is the express intention of the parties that Contractor is an independent Contractor and not an employee, agent, joint venturer or partner of County. Nothing in this Agreement shall be interpreted or construed as creating or establishing the relationship of employer and employee between County and Contractor or any employee or agent of Contractor. Both parties acknowledge that Contractor is not an employee for state or federal tax purposes. Contractor shall retain the right to perform services for others during the term of this Agreement.

2.02 Contractor Qualifications: Contractor represents that it has the necessary competence, experience and qualifications for the services to be performed.

2.03 Agreement Management: Contractor shall report to the Assistant Public Works Director of Operations who will review the activities and performance of the Contractor and administer this Agreement.

ARTICLE 3. SERVICES TO BE PERFORMED BY CONTRACTOR

3.01 Scope of Services: Contractor agrees to provide services to the Department of Public Works per the scope of work attached hereto for Bridge Preventative Maintenance Program (BPMP) as shown in Exhibit “A”.

No additional services shall be performed by Contractor unless approved in advance in writing by the County stating the dollar value of the services, the method of payment, and any adjustment in Agreement time. All such services are to be coordinated with County and the results of the work shall be monitored by the Public Works Director or his/her designee. However, the means by which the work is accomplished shall be the sole responsibility of the Contractor.
3.02 Method of Performing Services: Contractor will determine the method, details, and means of performing the above-described services. County shall not have the right to, and shall not, control the manner or determine the method of accomplishing Contractor's services.

3.03 Employment of Assistants: Contractor may, at the Contractor's own expense, employ such assistants as Contractor deems necessary to perform the services required of Contractor by this Agreement. County may not control, direct, or supervise Contractor's responsibility for assistants or employees in the performance of those services. Contractor assumes full performance of those services. Contractor assumes full and sole responsibility for the payment of all compensation and expenses of such assistants and for all state and federal income tax, unemployment insurance, Social Security, disability insurance and other applicable withholdings.

ARTICLE 4. COMPENSATION

4.01 Compensation: In consideration for the services to be performed by Consultant, County agrees to pay Consultant in proportion to the services satisfactorily performed with a not to exceed amount of $50,982. Items designated as "time and materials", the consultant shall be paid, and reimbursed for costs, a total sum not to exceed the amount shown in Exhibit "A" attached hereto. In the event payments equal the "not to exceed" amount, Consultant shall complete all services required under this agreement without further compensation or cost reimbursement.

[ ] Total sum to be paid upon completion of services,

or

[x] Incremental payments based on the following schedule:
Submittal of monthly invoices

4.02 Invoices: Contractor shall submit detailed invoices for all services being rendered from the Contractor to the County. All invoices shall reference contract number.

4.03 Date for Payment of Compensation: County will endeavor to make payment within 45 days of invoices being submitted from the Contractor to the County, and approval and acceptance of the work by the County.

4.04 Expenses: Contractor shall be responsible for all costs and expenses incident to the performance of services for County, including but not limited to, all costs of equipment provided by Contractor, all fees, fines, licenses, bonds or taxes required of or imposed against Contractor and all other of Contractor's costs of doing business. County shall not be responsible for any expense incurred by Contractor in performing services for County.

ARTICLE 5. OBLIGATIONS OF CONTRACTOR

5.01 Tools and Instrumentalities: Contractor will supply all tools and instrumentalities, required to perform the services under this Agreement. Contractor is not required to purchase or rent any tools, equipment or services from County. County shall not provide working space, supplies, materials or other such support to Contractor in the performance of the services and tasks as described herein.

Revised 5/06/13
5.02 Indemnification: Contractor shall indemnify and hold County harmless against any and all liability imposed or claimed, including attorney’s fees and other legal expenses, to the extent caused by the negligent performance of services by Contractor or Contractor’s assistants, employees or agents, including all claims relating to the injury or death of any person or damage to any property. Contractor agrees to maintain a policy of liability insurance in the minimum amount of One Million Dollars ($1,000,000) or an amount as otherwise determined appropriate by the County Risk Manager to cover such claims. Contractor shall furnish a certificate of insurance evidencing such insurance and naming the County as an additional insured for the above-cited liability coverage prior to commencing work. Acceptance by County of insurance certificates and endorsements required under this Agreement does not relieve Contractor from liability under this indemnification and hold harmless clause. By execution of this Agreement, Contractor acknowledges and agrees to the provisions of this Section and that it is a material element of consideration.

5.03 General Liability and Automobile Insurance: During the term of this Agreement Contractor shall obtain and keep in full force and effect a commercial, general liability and automobile policy or policies of at least $1,000,000 combined limit for bodily injury and property damage; provided that the County, its officers, employees, volunteers and agents are to be named additional insureds under the policies, and that the policies shall stipulate that this insurance will operate as primary insurance for work performed by Contractor and its sub-contractors, and that no other insurance effected by County or the named insureds will be called on to cover a loss covered hereunder. The General Liability insurance shall be provided by an ISO Commercial General Liability policy, with edition dates of 1985, 1988, or 1990. The County will be named as an additional insured using ISO form CG 2010 1185 or the same form with an edition date no later than 1990, or in other form satisfactory to County.

5.04 Professional Liability Coverage: Contractor shall provide proof of professional liability coverage satisfactory to County prior to commencing work under the Agreement.

5.05 Certificate of Insurance: Contractor shall complete and file with the County prior to engaging in any operation or activity set forth in this Agreement, certificates of insurance evidencing coverage as set forth in paragraphs 5.02, 5.03 and 5.04 above and which shall provide that no cancellation or expiration by the insurance company will be made during the term of this Agreement, without thirty (30) days written notice to County prior to the effective date of such cancellation.

5.06 Workers’ Compensation: During the term of this Agreement Contractor agrees to provide workers’ compensation insurance for Contractor’s employees and agents and agrees to hold harmless and indemnify County for any and all claims arising out of any injury, disability, or death of any of Contractor’s employees or agents.

5.07 Public Employees Retirement System (CalPERS): In the event that Contractor or any employee, agent, or subcontractor of Contractor providing services under this Agreement is determined by a court of competent jurisdiction or the Public Employees Retirement System (CalPERS) to be eligible for enrollment in CalPERS as an employee of the County, Contractor shall indemnify, defend, and hold harmless County for the payment of any employee and/or employer contributions for CalPERS benefits on behalf of Contractor or its employees, agents, or subcontractors, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of County.
5.08 **State and Federal Taxes:** As Contractor is not County’s employee; Contractor is responsible for paying all required state and federal taxes. In particular:

a) County will not withhold FICA (Social Security) from Contractor’s payments;

b) County will not make state or federal unemployment insurance contributions on behalf of Contractor;

c) County will not withhold state or federal income tax from payment to Contractor;

d) County will not make disability insurance contributions on behalf of Contractor;

e) County will not obtain workers’ compensation insurance on behalf of Contractor.

5.09 **Records:** It is understood and agreed that all plans, studies, specifications, and data magnetically or otherwise recorded on computer or computer diskettes, records, files, reports, etc., in possession of the Contractor relating to the matters covered by this Agreement shall be the property of the County, and Contractor hereby agrees to deliver the same to the County upon request. It is understood and agreed that the documents and other materials including but not limited to those set forth hereinabove, prepared pursuant to this Agreement are prepared specifically for the County and are not necessarily suitable for any future or other use. Contractor shall maintain such records for a minimum of three (3) years or as otherwise required by law.

5.10 **Contractor’s Books and Records:** Contractor shall maintain any and all ledgers, books of account, invoices, vouchers, canceled checks, and other records or documents evidencing or relating to charges for services or expenditures and disbursements charged to the County for a minimum of three (3) years, or for any longer period required by law, from the date of final payment to the Contractor. Any records or documents required to be maintained shall be made available for inspection, audit and/or copying at any time during regular business hours, upon oral or written request of the County.

5.11 **Assignability of Agreement:** It is understood and agreed that this Agreement contemplates personal performance by the Contractor and is based upon a determination of its unique personal competence and experience and upon its specialized personal knowledge. Assignments of any or all rights, duties or obligations of the Contractor under this Agreement will be permitted only with the express written consent of the County.

**ARTICLE 6. OBLIGATIONS OF COUNTY**

6.01 **Cooperation of County:** County agrees to comply with all reasonable requests of Contractor and provide access as allowed by law to all documents reasonably necessary to the performance of Contractor’s duties under this Agreement.

6.02 **Assignment:** Neither this Agreement nor any duties or obligations under this Agreement may be assigned by County without the prior written consent of Contractor.

**ARTICLE 7. TERMINATION OF AGREEMENT**

7.01 **Termination Occurrence of Stated Events:** This Agreement shall terminate automatically on the occurrence of any of the following events:

1. Bankruptcy or insolvency of Contractor;

2. Death of Contractor.

7.02 **Termination by County for Default of Contractor:** Should Contractor default in the performance of this Agreement or materially breach any of its provisions, County, at
County's option, may terminate this Agreement by giving written notification to Contractor.

7.03 **Termination for Convenience of County:** County may terminate this Agreement at any time by mailing a notice in writing to Contractor that the Agreement is terminated. Said Agreement shall then be deemed terminated and no further work shall be performed by Contractor. If the Agreement is so terminated, the Contractor shall be paid for that percentage of the phase of work actually completed, based on a pro rata portion of the compensation for said phase satisfactorily completed at the time the notice of termination is received.

7.04 **Termination of Funding:** The parties acknowledge that the nature of government finance is unpredictable, and that the rights and obligations set forth in this Agreement are necessarily contingent upon the receipt and/or appropriation of the necessary funds. In the event that funding is terminated, in whole or in part, for any reason, at any time, this Agreement and all obligations of County arising from this Agreement shall be immediately discharged. County agrees to inform Contractor no later than thirty (30) calendar days after County determines, in its sole judgment, that funding will be terminated and the final date for which funding will be available.

**ARTICLE 8. GENERAL PROVISIONS**

8.01 **Notices:** Any notices to be given hereunder by either party to the other may be effected either by personal delivery in writing or by mail, registered or certified, postage prepaid and return receipt requested. Mailed notices shall be addressed to the parties at the addresses appearing in the introductory paragraph of this Agreement, but each party may change the address by written notice in accordance with this paragraph. Notices delivered personally will be deemed communicated as of actual receipt; mailed notices will be deemed communicated as of two (2) days after mailing.

8.02 ** Entire Agreement of the Parties:** This Agreement supersedes any and all agreements, either oral or written, between the parties hereto with respect to the rendering of services by Contractor for County and contains all the covenants and agreements between the parties with respect to the rendering of such services in any manner whatsoever. Each party to this Agreement acknowledges that no representations, inducements, promises, or agreements, orally or otherwise, have been made by any party, or anyone acting on behalf of any party, which is not embodied herein, and that no other agreement, statement, or promise not contained in this Agreement shall be valid or binding. Any modification of this Agreement will be effective only if it is in writing signed by the party to be charged and approved by the County as provided herein or as otherwise required by law.

8.03 **Partial Invalidity:** If any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will nevertheless continue in full force without being impaired or invalidated in any way.

8.04 **Attorney’s Fees:** If any action at law or in equity, including an action for declaratory relief, is brought to enforce or interpret the provisions of this Agreement, the prevailing party will be entitled to reasonable attorneys' fees, which may be set by the court in the same action or in a separate action brought for that purpose, in addition to any other relief to which that party may be entitled.

Revised 5/06/13
8.05 Conformance to Applicable Laws: Contractor shall comply with the standard of care regarding all applicable federal, state and county laws, rules and ordinances. No discrimination shall be made by Contractor in the employment of persons who work under this Agreement because of race, color, national origin, ancestry, disability, sex or religion of such person.

8.06 Waiver: In the event that either County or Contractor shall at any time or times waive any breach of this Agreement by the other, such waiver shall not constitute a waiver of any other or succeeding breach of this Agreement, whether of the same or any other covenant, condition or obligation.

8.07 Governing Law: This Agreement and all matters relating to it shall be governed by the laws of the State of California and County of Mariposa and any action brought relating to this Agreement shall be held exclusively in a state court in the County of Mariposa.

Executed at Mariposa, California, on the date and year first above written.

COUNTY:

[Signature]
Chairman
Mariposa County Board of Supervisors
9-4-14
Date:

CONTRACTOR:

[Signature]
Ken Taylor
Director of Engineering
8-4-14
Date:

APPROVED AS TO FORM:

[Signature]
STEVEN W. DAHLEM
County Counsel
9-3-14
Date:

APPROVED BY:

[Signature]
PETER M. REI, PE
Public Works Director
8/7/14
Date:

APPROVED BY:

[Signature]
GARY TAYLOR
Assistant Public Works Director of Operations
DATE:
APPLICABLE STANDARDS

All work process and products subject to this Agreement shall be completed in strict accordance with the most recent version of Caltrans Local Assistance Procedures Manual (LAPM) and the Caltrans Bridge Preventative Maintenance Program for Local Agencies as necessary to secure approval of the Bridge Preventative Maintenance Program funding from Caltrans/FHWA. In addition, the project shall conform to the following design and environmental standards:

- Mariposa County Public Works improvement standards & specifications
- Manual for Bridge Element Inspection
- Recording and Coding Guide For Structure Inventory and Appraisal of the Nation's Bridges
- Local Assistance Procedures Manual
- Caltrans Highway Design Manual
- Caltrans Memos to Designers
- Caltrans Bridge Design Aids
- Caltrans Bridge Design Details
- Caltrans Cost Data 2013 / 2014
- Caltrans Standard Environmental Reference

DELIVERABLES

All work products are subject to review and approval by the County. Willdan shall provide the County with sufficient time and opportunity to review and comment on all deliverables prior to final publishing and/or submittal to Caltrans/FHWA. As such, all deliverables shall be provided to the County in draft and final versions. The County’s comments on draft submittals shall be addressed by Willdan and incorporated into the final submittal, where appropriate.

Unless otherwise noted herein, Willdan shall provide: draft submittals to the County in an acceptable digital format; and all final documents in both paper (four copies, including one photo-ready) and digital formats (both PDF and native).
WORK PLAN
August 2014

Following is a complete work breakdown for preparation of the BPMP in Mariposa County. The following conventions are noted. Where the subject is implied, it shall be assumed to refer to the Willdan. Use of the word, “County”, shall refer to the County Contract Manager. Unless otherwise noted, it shall be assumed that Willdan shall provide separate deliverables for each bridge site.

TASK 1 PROJECT MANAGEMENT

1.1 COMMUNICATIONS AND COORDINATION

Willdan shall maintain frequent contact with the County, stakeholders, and task leaders to keep the lines of communication open and to facilitate and ensure successful project delivery. Willdan shall:

- Establish and implement a project document/correspondence management and distribution system to assure that information flows between all parties of the Project as intended.
- Maintain a project contact list with names and contact information for all interested parties.
- Develop and maintain a project document retention system, which shall be transferred to the County upon Project completion or contract termination. Said system shall catalog and retain all significant project correspondence and work products in their native format.

1.2 MEETINGS

Willdan shall organize, schedule, and chair meetings as necessary to provide progress updates, coordinate between technical disciplines, and facilitate overall project communication. For each meeting, Willdan shall prepare meeting agendas and minutes for all meetings. The agendas are to be submitted to the County for review five (5) working days prior to the meeting. The minutes shall be distributed to all attendees and everyone who was invited within five (5) working days after the meeting. The minutes shall include, but not be limited to, a list of attendees with phone numbers and email, a synopsis of discussion items, any pertinent information, action items, and follow-up to action items. The following meetings are anticipated for this project.

PDT Meetings: The project development team (PDT) meetings will serve as the primary forum for reviewing the status of the project and identifying and resolving project issues. Attendees will include Willdan’s Project Manager, and task leads as needed, and County and Caltrans staff and other stakeholders as necessary. Throughout the anticipated duration of the project design phase, Willdan shall attend and facilitate up to one (1) PDT meetings and one (1) Kickoff meeting.
Deliverable(s):

Meeting notices, agendas, special exhibits and minutes

1.3 PROJECT SCHEDULE

To identify and manage the Project critical path, Willdan shall prepare a detailed project baseline schedule based on a work breakdown structure that will include tasks of parties involved in the Project and will take into account agency staff review time. The schedule shall include the following information:

- Task dependencies as predecessors and successors;
- Anticipated task durations with beginning and end dates; and
- Critical path with milestones.

Willdan shall routinely update the schedule to manage/monitor work progress as the Project progresses. Updates shall be provided to the County on a monthly basis.

Deliverable(s):

Project Schedule (baseline and monthly thereafter in digital format only)

1.4 PROJECT ADMINISTRATION

Willdan shall monitor and control the effort and progress of the work as follows:

- Prepare monthly progress reports and client invoices: During the term of the agreement, Willdan shall be responsible for reporting progress to the County on a regular basis and as necessary to keep the Project schedule up to date and the Project team “on the same page.” Willdan shall submit a monthly Progress Report to accompany invoices. The reports will generally include a narrative on work accomplished during the reporting period; work planned for the next reporting period; information/decisions required to maintain the Project schedule and complete deliverables; problems encountered that may affect the schedule, budget, and anticipated work items; and recommendations to resolve issues. This report can be customized and formatted to best suit the needs of the County.

Deliverable(s):

Monthly progress reports (digital format only)

1.5 QUALITY CONTROL

Willdan shall establish and implement a process to ensure that all deliverables (including drafts) are complete and accurate, including but not limited to, ensuring that design calculations are independently checked and that exhibits and plans are checked, corrected and back-checked. Willdan shall review
subconsultant submittals, if any, to ensure that appropriate background information, study methodology, interpretation of data, format and content are completed in accordance with the scope of work and applicable standards. Transmittals for all deliverables shall include the name(s) and contact information of the person(s) involved in ensuring quality deliverables.

**Deliverable(s):**

*Document transmittals with QC reviewer contact information*
TASK 2 ENGINEERING STUDIES

2.1 Development of BPMP

Willdan will obtain and review existing as-built plans, photos, reports, assessor maps, topography, and any other pertinent data, if available, for the project area from the County and other sources. Willdan will also perform a field review of the project area and document its findings in writing and with digital photographs.

2.1.1 General
Under the direction of the Mariposa County, Willdan Engineering will complete the following work activities/deliverables:

- Review Bridge Inspection Reports/Structure Inventory and Appraisal Reports
- Review other available documents such as As-Built plans, etc...
- Inspect all 52 bridges and capture any information necessary for the Bridge Preventative Maintenance Program (BPMP)
- Determine work strategies that meet the requirements of the Caltrans Division of Local Assistance BPMP Guidelines
- Develop a methodology for prioritizing the bridges and provide this methodology to the County for their BPMP file
- Prioritize the projects (Lowest number is the top priority)
- Obtain the Bridge identity number from the Bridge Inspection Report;
- Identify Bridge Location
- Obtain the current Sufficiency Rating / Structurally Deficient - Functionally Obsolete Status
- Prepare individual detailed work sheet with the following information:
  - Deck Area
  - Total Estimated Cost with the Preliminary Engineering and Construction costs indicated separately / Unit costs
  - Determine the maximum load limits to be posted at each bridge, utilizing information from existing reports and in cooperation with the County
  - Develop Location Maps and supporting photographs
  - Visible utilities and their approximate location
- Complete a spreadsheet for BPMP listing that is compliant with the BPMP Guidelines, including the cost for future BPMP preparation
- Prepare a sketch of the General Plan, or obtain the As-Built General Plan
- Prepare a Site Plans using existing information available from bridge evaluation reports or as-builts.
- Prepare the Transmittal Letter for signature by the County and submittal to Caltrans
**Scope of Work (BPMP)**
Mariposa County

**Deliverable(s):**
*BPMP Documents necessary for submittal to Caltrans:*

<table>
<thead>
<tr>
<th>Source</th>
<th>Item</th>
<th>Needed For BPMP Approval</th>
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<tbody>
<tr>
<td>BPMP Guideline</td>
<td>BPMP Spreadsheet &amp; CD (per Caltrans template)</td>
<td>Yes</td>
</tr>
<tr>
<td>BPMP Guideline</td>
<td>Transmittal Letter to Caltrans</td>
<td>Yes</td>
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<tr>
<td>County Request</td>
<td>Bridge Preventative Maintenance Program in the format provided by the County</td>
<td>No</td>
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</table>
3. ENVIRONMENTAL REVIEW

Willdan Engineering will include the costs potential environmental studies necessary for the BPMP work as part of the PE costs estimate for each bridge.
# COST PROPOSAL

**Project:** Mariposa BPMP  
**Consultant:** Willdan Engineering  
**Date:** 31-Jul-14

## DIRECT LABOR

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<tr>
<th>Classification</th>
<th>Name</th>
<th>Billing Range</th>
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<tr>
<td>Project Manager</td>
<td>Terry Abbott (see PARS)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0.00</td>
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<tr>
<td>Project Engineer</td>
<td>Joe</td>
<td>$70 - $80</td>
<td>238</td>
<td>@</td>
<td>$25.00</td>
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Subtotal Direct Labor Costs: $13,040.00  
Anticipated Salary Increase: $0.00  
Total Direct Labor Cost: $13,040.00

## FRINGE BENEFITS

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<th>Total Fringe Benefits</th>
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<tr>
<td>27.18%</td>
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## INDIRECT COSTS

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<th>Description</th>
<th>Rate</th>
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<th>Total Indirect Costs</th>
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<tbody>
<tr>
<td>Overhead / General and Administrative</td>
<td>144.24%</td>
<td>$18,808.90</td>
<td>$18,808.90</td>
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FEE (PROFIT):  
10%  
Total Fee (Profit): $3,539.32

## OTHER COSTS

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<th>Description</th>
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<td>Travel</td>
<td>$4,500</td>
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<td>Equipment and Supplies (Itemize)</td>
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<td>Other Direct Costs</td>
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Total Other Costs: $4,500.00

## SUBCONTRACTOR COSTS

(Attach detailed cost estimate for each subcontractor)  
Total Subcontractor Costs: $0.00

**TOTAL COST:** $43,432.48
COST PROPOSAL

Date 31-Jul-14

Project Mariposa BPMP
Consultant Willdan Engineering (PARS)

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<thead>
<tr>
<th>Classification</th>
<th>Name</th>
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<th>Initial Hourly Rate</th>
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<td>Terry Abbott</td>
<td>120-180</td>
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Subtotal Direct Labor Costs $5,280.00

Anticipated Salary Increase $0.00

Total Direct Labor Cost $5,280.00

FRINGE BENEFITS

<table>
<thead>
<tr>
<th>Rate</th>
<th>Total</th>
<th>Total Fringe Benefits</th>
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<tbody>
<tr>
<td>0.00%</td>
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INDIRECT COSTS

<table>
<thead>
<tr>
<th>Overhead / General and Administrative</th>
<th>Rate</th>
<th>Total</th>
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<tbody>
<tr>
<td>30.00%</td>
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<td>$1,584.00</td>
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Total Indirect Costs $1,584.00

FEE (PROFIT)

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<th>Rate</th>
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<td>10%</td>
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Total Fee (Profit) $686.40

OTHER COSTS

<table>
<thead>
<tr>
<th>Cost</th>
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<tbody>
<tr>
<td>Travel</td>
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<tr>
<td>Equipment and Supplies (Itemize)</td>
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<tr>
<td>Other Direct Costs</td>
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</tbody>
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Total Other Costs $0.00

SUBCONTRACTOR COSTS

(Attach detailed cost estimate for each subcontractor)

Total Subcontractor Costs

TOTAL COST $7,550.40