



4.d.

286 W. Cromwell Avenue  
Fresno, CA 93711-6162  
Tel: (559) 449-2700  
Fax: (559) 449-2715  
[www.ppeng.com](http://www.ppeng.com)

January 30, 2017

Malaga County Water District  
Attn: Mr. James Anderson, Manager  
3580 S. Frank St.  
Fresno, CA 93725

**RE: Proposal for Engineering Services for a Salinity Minimization Plan and Pollution Prevention Plan for Malaga County Water District**

Dear Mr. Anderson:

Thank you for the opportunity to submit this proposal to provide engineering services for producing reports for the Salinity Minimization Plan and Pollution Prevention Plan. This proposal discusses our understanding of the project, recommends a scope of services together with associated fees, deliverables and approximate schedules, sets forth our assumptions and discusses other services that may be of interest as the project proceeds.

### **Project Understanding**

Waste Discharge Requirements, Order R5-2014-0145, requires Malaga County Water District (MCWD) to prepare a salinity evaluation and minimization plan to identify and address sources of salinity to and from the wastewater treatment plant.

Cease and Desist Order, R5-2014-0146, requires MCWD to prepare a pollution prevention plan per California Water Code 13263.3 (3) for copper, cyanide, and nitrate plus nitrite.

### **Scope of Services**

Our proposed scope of work is to prepare the salinity evaluation and minimization plan and pollution prevention plan for MCWD for submittal to the Regional Water Quality Control Board to comply with the Waste Discharge Requirements and Cease and Desist Order. This project has been broken into the following phases:

#### **Phase SAL: Salinity Evaluation and Minimization Plan**

Prepare a Salinity Evaluation and Minimization Plan report for MCWD for submittal to the State Board.

- Identify salinity loading at the influent and effluent of the wastewater treatment plant. Salinity will include measurements of electroconductivity, chlorides, sodium, sulfates and total dissolved solids.
- Identify residential and industrial sources of salinity.
- Recommend sampling sites and frequency for District implementation.

- Based on sources of salinity and wastewater treatment plant salinity data, develop minimization and control options.
- Develop an implementation program to monitor and evaluation the proposed minimization and control options.
- Prepare a draft report for review by MCWD.
- Prepare a final report after receiving comments from MCWD.

### Phase PPP: Pollution Prevention Plan

Prepare a Pollution Prevention Plan report for MCWD for submittal to the State Board. The pollutants to be included in the Plan are copper, cyanide, and nitrate plus nitrite.

- Develop an estimate of sources of a pollutant contributing, or potentially contributing, to the loadings of a pollutant in the wastewater treatment plant influent. Sources to be investigated are to be drinking water supply, residential and industrial. Additionally, influent and effluent data of the wastewater treatment plant will be evaluated.
- Recommend sampling sites and frequency for District implementation.
- Evaluate potential methods that could be used to prevent the discharge of pollutants to the wastewater treatment plant.
- Estimate pollutant load reductions that may be attained through the potential prevention methods.
- Develop a plan for monitoring the results presented in the Pollution Prevention Plan.
- Describe the tasks, costs, and time required to investigate and implement the recommendation of the Pollution Prevention Plan.
- Develop short-term and long-term priorities for the Pollution Prevention Plan.
- Describe any existing pollution prevention activities.
- Analyze any adverse environmental impacts, including cross-media impact, that may result from the Pollution Prevention Plan.
- Prepare a draft report for review by MCWD.
- Prepare a final report after receiving comments from MCWD.

### Time and Materials (Not to Exceed)

Provost & Pritchard Consulting Group will perform the services in this Phase on a time and materials basis, in accordance with our Standard Fee Schedule in effect at the time services are rendered. These fees will be invoiced monthly as they are accrued, and our total fees, including reimbursable expenses, will not exceed or estimate of \$ 26,500 without additional authorization.

Proposed Fee – Project Name	
Phase	Estimated Fee
Phase SAL	\$14,000
Phase PPP	\$12,500
<b>Total Estimated Fee:</b>	<b>\$26,500</b>

### Schedule

Once we receive a signed contract and are authorized to proceed, we can prepare the draft reports for initial submittal in approximately nine (9) weeks. After the review by Malaga, we will be prepared to re-submit 2 weeks after we receive agency comments.

Proposed Schedule – Project Name	
Week/Date	Task
Week 1	Kick-off meeting with Malaga including identification of informational needs.
Weeks 2 through 9	Prepare draft Salinity Evaluation and Minimization Plan and Pollution Prevention Plan reports
Week 10	Draft report reviews by Malaga
Weeks 11 and 12	Incorporate comments and submit final reports.

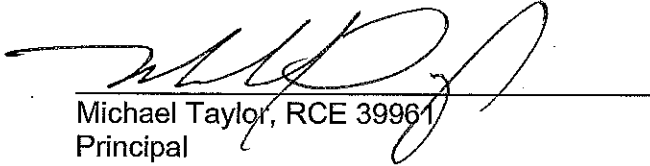
### Assumptions

- It is assumed that the District will contract for sampling and testing of water and sanitary sewer samples for use in developing the reports.
- It is assumed that there may be consideration for additional monitoring and evaluation subsequent to the submittal of the plans

### Terms & Conditions

If this proposal is acceptable, please sign below and return a copy of each to our office. These documents will serve as our Notice to Proceed. This proposal is valid for 60 days from the date above.

Respectfully,  
Provost & Pritchard Consulting Group



Michael Taylor, RCE 39961  
Principal

**Terms & Conditions Accepted**  
By Malaga County Water District

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

4.b.



286 W. Cromwell Avenue  
 Fresno, CA 93711-6162  
 (559)449-2700  
 FAX (559)449-2715  
 www.ppeng.com

**CONSULTANT SERVICES AGREEMENT**

CSA No:

<b>Client</b>	<u>Malaga County Water District</u>	<b>Proposal No.</b>	_____
<b>Attention</b>	<u>James Anderson</u>	<b>Telephone</b>	<u>559-485-2351</u>
<b>Bill To</b>	<u>Malaga County Water District</u>	<b>Fax</b>	<u>559-485-7319</u>
<b>Billing Address</b>	<u>3580 S Frank St</u>	<b>E-Mail</b>	<u>Js@malagacwd.org</u>
<b>City, Zip Code</b>	<u>Fresno, CA 93725</u>		
<b>Project Title</b>	<u>Malaga CWD Water Meters – Proposition 1 Drinking Water Construction Funding</u>	<b>Location</b>	<u>Fresno, Fresno County, California</u>

**Description of Services:**

Perform scope of work included in the DWSRF Construction Financial Assistance Application for Malaga CWD Water Meters, and in accordance with the Funding Agreement for Malaga CWD Water Meters - Proposition 1 Drinking Water Construction Funding Project (to be attached upon receipt). Refer to the attached Cost Estimate provided with the Application, and scope of soft cost items to be provided.

Task	Description	Budget
ADM	Project Administration	\$25,000
DES	Design	\$60,000
CON	Construction Services	\$64,000

The provisions set forth below and on the following paragraphs 1 through 42 are incorporated into and made a part of this Agreement. In signing, the Client acknowledges that they have read and approved all such terms and hires Provost & Pritchard Engineering Group, Inc., dba Provost & Pritchard Consulting Group, (Consultant) to perform the above described services.

**TERMS AND CONDITIONS**

Client and Consultant agree that the following terms and conditions shall be part of this agreement:

1. In providing services under this Agreement, the Consultant shall perform in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances at the same time and in the same or similar locality. The Consultant makes no warranty, express or implied, as to its professional services rendered under this Agreement.
2. Client acknowledges that Consultant is not responsible for the performance of work by third parties including, but not limited to, the construction contractor and its subcontractors.
3. Client agrees that if Client requests services not specified in the scope of services described in this agreement, Client will pay for all such additional services as extra services, in accordance with Consultant's billing rates utilized for this contract.

**DOCUMENTS**

4. Client acknowledges that all reports, plans, specifications, field data and notes and other documents, including all documents on electronic media, prepared by Consultant (collectively Work Product) are instruments of service which shall remain the property of Consultant and may be used by Consultant without the consent of Client. Consultant shall retain all common law, statutory law and other rights, including copyrights. Consultant grants Client a perpetual, royalty-free fully paid-up, nonexclusive and irrevocable license to copy, reproduce perform, dispose of, use and re-use the Work Product in connection with the Project, in whole or in part, and to authorize others to do so for the benefit of

Client. Client acknowledges that its right to utilize Work Product pursuant to this agreement will continue only so long as Client is not in default, pursuant to the terms and conditions of this agreement, and Client has performed all its obligations under this agreement.

5. Client agrees not to reuse Work Product, in whole or in part, for any project other than the project that is the subject of this agreement. Client further agrees to waive all claims against Consultant resulting in any way from any unauthorized changes or unauthorized reuse of the Work Product for any other project by anyone on Client's behalf. Client agrees not to use or permit any other person to use versions of Work Product which are not final and which are not signed and stamped or sealed by Consultant. Client shall be responsible for any such use of non-final Work Product. Client hereby waives any claim for liability against Consultant for use of non-final Work Product. If a reviewing agency requires that check prints be submitted with a stamp or seal, those shall not be considered final for purposes of this paragraph.
6. In the event Client (1) makes, agrees to, authorizes, or permits changes in Work Product, or (2) makes, agrees to, authorizes, or permits construction of such unauthorized changes, which changes are not consented to in writing by Consultant, or (3) does not follow recommendations prepared by Consultant pursuant to this agreement, resulting in unauthorized changes to the project, Client acknowledges that the unauthorized changes and their effects are not the responsibility of Consultant. Client agrees to release Consultant from all liability arising from such unauthorized changes, and further agrees to defend, indemnify and hold harmless Consultant, its officers, directors, employees and subconsultants from and against all claims, demands, damages or costs, including attorneys' fees, arising from such changes.
7. Under no circumstances shall delivery of Work Product for use by the Client be deemed a sale by the Consultant, and the Consultant makes no warranties, either express or implied, of merchantability and fitness for any particular purpose. In no event shall the Consultant be liable for indirect or consequential damages as a result of the Client's unauthorized use or reuse of the Work Product.
8. The Client is aware that differences may exist between electronic files delivered and the printed hard-copy construction documents. In the event of a conflict between the signed construction documents prepared by the Consultant and electronic files, the signed sealed hard-copy documents shall govern.

#### **LIMITATIONS**

9. Consultant makes no representations concerning soils or geological conditions unless specifically included in writing in this agreement, or by amendments to this agreement. If Consultant recommends that Client retain the services of a Geotechnical Engineer and Client chooses to not do so, Consultant shall not be responsible for any liability that may arise out of the making of or failure to make soils or geological surveys, subsurface soils or geological tests, or general soils or geological testing.
10. Client acknowledges that, unless specifically stated to the contrary in the proposal's description of services to be provided, Consultant's scope of services for this project does not include any services related in any way to asbestos and/or hazardous or toxic materials. Should Consultant or any other party encounter such materials on the job site, or should it in any other way become known that such materials are present or may be present on the job site or any adjacent or nearby areas which may affect Consultant's services, Consultant may, at its option, suspend or terminate work on the project until such time as Client retains a qualified contractor to abate and/or remove the asbestos and/or hazardous or toxic materials and warrant that the job site is free from any hazard which may result from the existence of such materials.

#### **INDEMNIFICATION**

11. To the fullest extent allowed by law, Consultant will indemnify and hold harmless, but shall have no duty to defend Client, its officers, directors, employees and agents (collectively, the "Client Indemnitees") from, for and against any and all claims, demands, damages, losses, expenses, liabilities and penalties arising out of or relating to the Project, but only to the extent caused by the negligent or other wrongful acts or omissions of Consultant, its subconsultants, or any person or entity for whose acts or omissions any of them are responsible, or by the failure of any such party to perform as required by this Agreement. To the fullest extent allowed by law, Client will indemnify and hold harmless, but shall have no duty to defend Consultant and its officers, directors, employees and agents from, for and against any and all claims, demands, damages, losses, expenses, liabilities and penalties arising out of or relating to the Project, but only to the extent caused by the negligent or other wrongful acts or omissions of Client or any person or entity for whose acts or omissions it is responsible, or by the failure of any such party to perform as required by this Agreement. The

obligations and rights of this Section are in addition to other obligations and rights of indemnity provided under this Agreement or applicable law.

## FINANCIAL

12. All fees and other charges due Consultant will be billed monthly and shall be due at the time of billing unless specified otherwise in this agreement. If Client fails to pay Consultant within sixty (60) days after invoices are rendered, Consultant shall have the right in its sole discretion to consider such default in payment a material breach of this entire agreement, and, upon written notice, Consultant's duties, obligations and responsibilities under this agreement may be suspended or terminated for cause pursuant to Sections 26 through 31. In such event, Client shall promptly pay Consultant for all outstanding fees and charges due Consultant at the time of suspension or termination including all costs and expenses incurred in the performance of services up to suspension or termination.
13. Consultant shall not be liable to Client for any costs or damages that may result from the termination or suspension of services under this agreement due to Client's failure to pay Consultant invoices in accordance with the terms of this paragraph. In the event that Consultant agrees to resume terminated or suspended services after receiving full payment of all late invoices, Client agrees that time schedules and fees, as applicable, related to the services will be equitably adjusted to reflect any delays or additional costs caused by the termination or suspension of services.
14. In all cases where the proposal calls for payment of a retainer, that payment shall be made by Client to Consultant prior to commencement of services under this agreement. Upon receipt of retainer payment, the Consultant shall commence services as provided for under this Agreement. Unless otherwise provided for in the project proposal, such retainer shall be held by Consultant throughout the duration of the contract, and shall be applied to the final project invoice, and to any other outstanding AR, including late payment charges, on the project. Any amount of said retainer in excess of the final invoice and other outstanding AR shall be returned to the Client within 30 days of issuance of the final project invoice.
15. Client agrees that all billings from Consultant to Client will be considered correct and binding on Client unless Client, within ten (10) days from the date of receipt of such billing, notifies Consultant in writing of alleged inaccuracies, discrepancies, or errors in billing. In the event of a dispute over any billing or portion of billing, Client agrees to pay the undisputed portion of any billings in accordance with the payment terms set forth in Section 18.
16. Client agrees to pay a monthly late payment charge, which will be the lesser of one and one half percent (1-1/2%) per month or a monthly charge not to exceed the maximum legal rate, which will be applied to any unpaid balance commencing thirty (30) days after the date of the billing. Client acknowledges that payments applied first to unpaid late payment charges and then to unpaid balances of invoices.
17. In the event Consultant's fee schedule changes due to any increase of costs such as the granting of wage increases and/or other employee benefits to field or office employees or any taxes or fees imposed by local, state, or federal government on consultants' fees during the lifetime of this agreement, the new fee schedule shall apply to all subsequent work on time-and-materials contracts.
18. If payment for Consultant's services is to be made on behalf of Client by a third party lender, Client agrees that Consultant shall not be required to indemnify the third party lender, in the form of an endorsement or otherwise, as a condition to receiving payment for services. Client agrees to reimburse Consultant for all collection agency fees, legal fees, court costs, reasonable consultant staff costs and other expenses paid or incurred by Consultant in the event that collection efforts become necessary to enforce payment of any unpaid billings due to Consultant in connection with the services provided in this agreement.

## LIMITATION OF LIABILITY

19. **Notwithstanding any other provisions of this Agreement to the contrary, the aggregate liability of the Consultant under this Agreement, whether for breach of contract, tort, strict liability or any other legal theory, will not exceed the total amount of Consultant's compensation for performing services under this Agreement or \$50,000, whichever is greater, however this limitation of Consultant's liability does not apply to third-party claims, or to the Client's reasonable attorneys' fees and expert witnesses' fees and litigation expenses arising out of or related to such third-party claims for which Consultant is liable.**

## **DISPUTE RESOLUTION**

20. In an effort to resolve any conflicts or disputes that arise regarding performance under this agreement by either party, Client and Consultant agree that all such disputes shall be submitted to nonbinding mediation, using a mutually agreed upon mediation services experienced in the resolution of construction disputes. Unless the parties mutually agree otherwise, such mediation shall be a pre-condition to the initiation of any litigation. The parties further agree to include a similar mediation provision in their agreements with other independent contractors and consultants retained for the project and require them to similarly agree to these dispute resolution procedures. This provision shall not be interpreted to restrict the right of either party to file an action in a court of law, in the County of Fresno, State of California, having appropriate jurisdiction or to preclude or limit the Consultant's right to record, perfect or to enforce any applicable lien or Stop Notice rights.

## **CONSTRUCTION PROJECTS**

21. If the scope of services contained in this agreement does not include construction phase services for this project, Client agrees that such construction phase services will be provided by Client or by others. Client assumes all responsibility for interpretation of the contract documents and for construction observation and supervision and waives any claim against Consultant that may in any way be connected thereto. In addition, Client agrees to indemnify and hold Consultant harmless from any loss, claim, or cost, including reasonable attorneys' fees and costs of defense, arising or resulting from the performance of such services by other persons or entities and from any and all claims arising from the modification, clarification, interpretation, adjustments or changes made to the contract documents to reflect changed field or other conditions, except for claims arising from the negligence or other wrongful acts of Consultant, its employees, its subconsultants, or any other person or entity for which Consultant is responsible.
22. Client agrees to include provisions in its contract with the construction contractor to the effect that in accordance with generally accepted construction practices, the construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property, and that this requirement shall apply continuously and not be limited to normal working hours. Neither the professional activities of Consultant nor the presence of Consultant or its employees or subconsultants at a construction site shall relieve the contractor and its subcontractors of their obligations, duties and responsibilities including, but not limited to, construction means, methods, sequence, techniques or procedures necessary for performing, superintending or coordinating all portions of the work of construction in accordance with the contract documents and applicable health or safety requirements of any regulatory agency or of state law.
23. Client agrees to require its contractor and subcontractors to review the plans, specifications and documents prepared by Consultant prior to the commencement of construction phase work. If the contractor and/or subcontractors believe there are deficiencies, conflicts, errors, omissions, code violations, or other deficiencies in the plans, specifications and documents prepared by Consultant, contractors shall notify Client so those deficiencies may be corrected or otherwise addressed by Consultant prior to the commencement of construction phase work.
24. If, during the construction phase of the project, Client discovers or becomes aware of changed field or other conditions which necessitate clarifications, modifications or other changes to the plans, specifications, estimates or other documents prepared by Consultant, Client agrees to notify Consultant and, at Client's option, retain Consultant to prepare the necessary changes or modifications before construction activities proceed. Further, Client agrees to require a provision in its construction contracts for the project which requires the contractor to promptly notify Client of any changed field or other conditions so that Client may in turn notify Consultant pursuant to the provisions of this paragraph.
25. If, due to the Consultant's error, omission or negligence, a required item or component of the Project is omitted from the Consultant's construction documents, the Consultant shall not be responsible for paying the cost required to add such item or component to the extent that such item or component would have been required and included in the original construction documents. The Consultant will not be responsible for any cost or expense that enhances the value of the Project.

## **SUSPENSION AND TERMINATION**

26. If the Project or the Consultant's services are suspended by the Client for more than thirty (30) consecutive calendar days, the Consultant shall be compensated for all services performed and reimbursable expenses incurred prior to the receipt of notice of suspension. In addition, upon



resumption of services, the Client shall compensate the Consultant for expenses incurred as a result of the suspension and resumption of its services, and the Consultant's schedule and fees for the remainder of the Project shall be equitably adjusted.

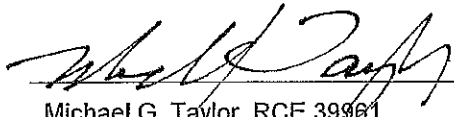
27. If the Consultant's services are suspended for more than ninety (90) days, consecutive or in the aggregate, the Consultant may terminate this Agreement upon giving not less than five (5) calendar days' written notice to the Client.
28. If the Client is in breach of the payment terms or otherwise is in material breach of this Agreement, the Consultant may suspend performance of services upon five (5) calendar days' notice to the Client. The Consultant shall have no liability to the Client, and the Client agrees to make no claim for any delay or damage as a result of such suspension caused by any breach of this Agreement by the Client. Upon receipt of payment in full of all outstanding sums due from the Client, or curing of such other breach that caused the Consultant to suspend services, the Consultant shall resume services, and there shall be an equitable adjustment to the remaining project schedule and fees as a result of the suspension.
29. Client acknowledges Consultant has the right to complete all services included in this agreement. In the event this agreement is terminated before the completion of all services, unless Consultant is responsible for such early termination, Client agrees to release Consultant from all liability for services not performed or completed by Consultant and from liability for any third-party reliance, use, interpretation or extrapolation of Consultant's work product. In the event all or any portion of the services by Consultant are suspended, abandoned, or otherwise terminated, Client shall pay Consultant all fees and charges for services provided prior to termination, not to exceed the contract limits specified herein, if any. Client acknowledges if the project services are suspended and restarted, there will be additional charges due to suspension of the services which shall be paid for by Client as extra services pursuant to Section 7. Client acknowledges if project services are terminated for the convenience of Client, Consultant is entitled to reasonable termination costs and expenses, to be paid by Client as extra services pursuant to Section 7.
30. The Client may terminate this Agreement for the Client's convenience and without cause upon giving the Consultant not less than seven (7) calendar days' written notice.
31. In the event of termination of this Agreement by either party, Consultant shall invoice Client for all outstanding services and expenses reasonably incurred by the Consultant in connection with the orderly termination of this Agreement, including but not limited to demobilization, reassignment of personnel, associated overhead costs and all other expenses directly resulting from the termination. The Client shall within thirty (30) calendar days of termination pay the Consultant for all services rendered and all reimbursable costs incurred by the Consultant up to the date of termination, in accordance with the payment provisions of this Agreement.

#### **OTHER**

32. This agreement shall be binding upon the heirs, executors, administrators, successors and assigns of Client and Consultant.
33. This agreement shall not be assigned by either Client or Consultant without the prior written consent of the other.
34. Consultant's or Client's waiver of any term, condition or covenant shall not constitute the waiver of any other term, condition or covenant. Consultant's or Client's waiver of any breach of this agreement shall not constitute the waiver of any other breach of the Agreement.
35. Client and Consultant agree that if any term or provision of this Agreement is determined to be illegal, in conflict with any law, void or otherwise unenforceable, and if the essential terms and provisions of this Agreement remain unaffected, then the validity of the remaining terms and provisions will not be affected and the offending provision will be given the fullest meaning and effect allowed by law.
36. This agreement shall be governed by and construed in accordance with the laws of the State of California.
37. Within the limits of the approved scope and fee, Consultant may engage the services of any subconsultants when, in the Consultant's sole opinion, it is appropriate to do so. Such subconsultants may include testing laboratories, geotechnical engineers and other specialized consulting services deemed necessary by the Consultant to carry out the scope of the Consultant's services.
38. Consultant shall be entitled to immediately, and without notice, suspend the performance of any and all of its obligations pursuant to this agreement if Client files a voluntary petition seeking relief under the United States Bankruptcy Code or if there is an involuntary bankruptcy petition filed against Client in the United States Bankruptcy Court, and that petition is not dismissed within fifteen (15) days of its

filing. Any suspension of services made pursuant to the provisions of this paragraph shall continue until such time as this agreement has been fully and properly assumed in accordance with the applicable provisions of the United States Bankruptcy Code and in compliance with final order or judgment issued by the Bankruptcy Court.

- 39. This agreement shall not be construed to alter, affect or waive any design professional's lien, mechanic's lien or stop notice right, which Consultant may have for the performance of services pursuant to this agreement. Client agrees to provide to Consultant the current name and address of the record owner of the property upon which the project is to be located. Client also agrees to provide Consultant with the name and address of any and all lenders who may loan money on the project and who are entitled to receive a preliminary notice.
- 40. Consultant shall not be liable for damages resulting from the actions or inactions of governmental agencies including, but not limited to, permit processing, environmental impact reports, dedications, general plans and amendments thereto, zoning matters, annexations or consolidations, use or conditional use permits, project or plan approvals, and building permits. Client agrees that it is the responsibility of Client to maintain in good standing all governmental approvals or permits and to timely apply for any necessary extensions thereof.
- 41. Consultant and Client each agree to waive consequential damages for claims, disputes or other matters in question arising out of or relating to this Agreement. This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination in accordance with paragraphs 26 through 31, except for termination expenses provided for in said paragraph 31. Client further agrees that to the fullest extent permitted by law, Consultant shall not be liable to Client for any special, indirect or consequential damages whatsoever, whether caused by Consultant's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause or causes whatsoever, including but not limited to, loss of use of equipment or facility, and loss of profits or revenue.
- 42. This Agreement is the entire Agreement between the Client and the Consultant. It supersedes all prior communications, understandings and agreements, whether oral or written. Amendments to this Agreement must be in writing and signed by both the Client and the Consultant.

Client	_____	Provost & Pritchard Engineering Group, Inc., dba Provost & Pritchard Consulting Group
By	_____	By 
Name/Title	_____	Name/Title Michael G. Taylor, RCE 39961 Corporate Secretary
Date Signed	_____	Date Signed January 17, 2017

## **Scope of Soft Cost Items**

### **Project Administration**

- Prepare reimbursement claims for the District and coordinate with SWRCB
- Prepare status reports
- Project control and administration

### **Environmental**

- Filed NOE – Environmental documentation is complete

### **Planning/Design**

- Evaluate meters and meter reading components selected by the District
- Prepare Map book for meter installation/replacement
- Identify various meter types
- Prepare appropriate details
- Prepare Bid Documents
- Advertise for Construction

### **Construction Services**

- Respond to RFIs and contractor questions
- Prepare change orders as necessary
- Review of construction activities

### **Construction Contingency**

- Contingency allowance set aside for unpredictable changes in the scope of work or conditions

DETAILED COST ESTIMATE

MALAGA COUNTY WATER DISTRICT WATER METER PROJECT				
<b>CONCEPTUAL</b>				
ITEM NO.	ESTIMATED QUANTITY	BID ITEM DESCRIPTION	UNIT PRICE	SUBTOTAL
1	1 LS	Mobilization, Insurance & Bonds	\$60,000.00 / LS	\$60,000.00
2	1 LS	SWPPP Implementation	\$2,500.00 / LS	\$2,500.00
3	1 LS	Dust Control	\$2,500.00 / LS	\$2,500.00
4	1 LS	Worker Protection	\$5,000.00 / LS	\$5,000.00
5	1 LS	Traffic Control	\$5,000.00 / LS	\$5,000.00
6	1 LS	Radio Receivers, Laptop and Software	\$50,000.00 / LS	\$50,000.00
7	310 EA	F&I Residential Meter Box, Meter and AMR Components (3/4" and 1")	\$1,600.00 / EA	\$496,000.00
8	57 EA	F&I Commercial/Industrial Meter Box, Meter and AMR Components (3/4" and 1")	\$1,600.00 / EA	\$91,200.00
9	158 EA	F&I Commercial/Industrial Meter Box, Meter and AMR Components (1-1/4" to 2")	\$2,800.00 / EA	\$442,400.00
10	7 EA	F&I Commercial/Industrial Meter Box, Meter and AMR Components (3")	\$6,000.00 / EA	\$42,000.00
11	11 EA	F&I Commercial/Industrial Meter Box, Meter and AMR Components (4")	\$8,000.00 / EA	\$88,000.00
12	21 EA	Replace Direct Registers on Existing Meter and Install AMR Components	\$800.00 / EA	\$16,800.00
13	1 LS	Miscellaneous Facilities	\$50,000.00 / LS	\$50,000.00
<b>SUBTOTAL CONSTRUCTION</b>				<b>\$1,351,400.00</b>
14		Project Administration		\$25,000.00
15		Planning/Design		\$60,000.00
16		Construction Services		\$64,000.00
17		Construction Contingency		\$135,100.00
<b>PRELIMINARY COST ESTIMATE</b>				<b>\$1,635,500.00</b>