

Contract Number: BC-13-089

D1. Fiscal Year..... : FY 2012-13
D2. Budget Unit Number (plus -Ship/-Bill codes in paren's) : 054
D3. Requisition Number :
D4. Department Name..... : Water Agency
D5. Contact Person..... : Dennis Gibbs
D6. Phone : 739-8781

K1. Contract Type (check one): [] Personal Service [] Capital Project/Construction
K2. Brief Summary of Contract Description/Purpose : Aerial Survey for Twitchell Reservoir
K3. Original Contract Amount : \$122,715
K4. Contract Begin Date..... : December 11, 2012
K5. Original Contract End Date..... : May 31, 2013
K6. Amendment History (leave blank if no prior amendments):

<u>Seq#</u>	<u>EffectiveDate</u>	<u>ThisAmndt</u>	<u>Amt</u>	<u>CumAmndt</u>	<u>ToDate</u>	<u>NewTotal</u>	<u>AmtNew</u>	<u>EndDate</u>	<u>Purpose (2-4 words)</u>
	\$		\$			\$			

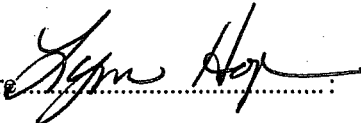
K7. Department Project Number..... :

B1. Is this a Board Contract? (Yes/No) : yes
B2. Number of Workers Displaced (if any) : N/A
B3. Number of Competitive Bids (if any) : N/A
B4. Lowest Bid Amount (if bid) : \$
B5. If Board waived bids, show Agenda Date..... :
B6. ... and Agenda Item Number..... : #
B7. Boilerplate Contract Text Unaffected? (Yes / or cite ¶¶) :

F1. Encumbrance Transaction Code : 1701
F2. Current Year Encumbrance Amount..... : \$
F3. Fund Number : 3050
F4. Department Number : 054
F5. Division Number (if applicable) : 04-07
F6. Account Number..... : 7460
F7. Cost Center number (if applicable)..... :
F8. Payment Terms : Net 30

V1. Vendor Numbers (A=uditor; P=urchasing) : A-513410
V2. Payee/Contractor Name..... : MNS Engineers Inc.
V3. Mailing Address..... : 201 N. Calle Cesar Chavez, STE 300
V4. City State (two-letter) Zip (include +4 if known) : Santa Barbara, CA 93103
V5. Telephone Number : (805) 692-6921
V6. Contractor's Federal Tax ID Number (EIN or SSN) :
V7. Contact Person : Mark Reinhardt
V8. Workers Comp Insurance Expiration Date :
V9. Liability Insurance Expiration Date[s] (G=ent; P=rofl) :
V10. Professional License Number..... : #
V11. Verified by (name of County staff)..... :
V12. Company Type (Check one): [] Individual [] Sole Proprietorship [] Partnership [] Corporation

I certify: information complete and accurate; designated funds available; required concurrences evidenced on signature page.

Date : Authorized Signature 

AGREEMENT FOR SERVICES OF INDEPENDENT CONTRACTOR

THIS AGREEMENT (hereafter Agreement) is made by and between the Santa Barbara County Water Agency, a political subdivision of the State of California (hereafter COUNTY) and MNS Engineers Inc. having its principal place of business at 201N. Calle Cesar Chavez, STE 300, Santa Barbara, CA 93103, (hereafter CONTRACTOR) wherein CONTRACTOR agrees to provide and COUNTY agrees to accept the services specified herein.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the parties agree as follows:

1. **DESIGNATED REPRESENTATIVE.** Dennis Gibbs at phone number (805) 739-8781 is the representative of COUNTY and will administer this Agreement for and on behalf of COUNTY. Mark Reinhardt at phone number (805) 692-6921 is the authorized representative for CONTRACTOR. Changes in designated representatives shall be made only after advance written notice to the other party.

2. **NOTICES.** Any notice or consent required or permitted to be given under this Agreement shall be given to the respective parties in writing, by first class mail, postage prepaid, or otherwise delivered as follows:

To COUNTY: Thomas D. Fayram, Santa Barbara, County Water Agency, 130 E. Victoria Street, Suite 200, Santa Barbara, CA 93101

To CONTRACTOR: Mark Reinhardt, MNS Engineers Inc., 201 N. Calle Cesar Chavez, STE 300, Santa Barbara, CA 93103

or at such other address or to such other person that the parties may from time to time designate. Notices and consents under this section, which are sent by mail, shall be deemed to be received five (5) days following their deposit in the U.S. mail.

3. **SCOPE OF SERVICES.** CONTRACTOR agrees to provide services to COUNTY in accordance with EXHIBIT A attached hereto and incorporated herein by reference.

4. **TERM.** CONTRACTOR shall commence performance on December 11, 2012 and end performance upon completion, but no later than May 31, 2013 unless otherwise directed by COUNTY or unless earlier terminated.

5. **COMPENSATION OF CONTRACTOR.** CONTRACTOR shall be paid for performance under this Agreement in accordance with the terms of EXHIBIT B attached hereto and incorporated herein by reference. Billing shall be made by invoice, which shall include the contract number assigned by COUNTY and which is delivered to the address given in Section 2 **NOTICES.** above following completion of the increments identified on EXHIBIT B. Unless otherwise specified on EXHIBIT B, payment shall be net thirty (30) days from presentation of invoice.

6. **INDEPENDENT CONTRACTOR.** CONTRACTOR shall perform all of its services under this Agreement as an independent contractor and not as an employee of COUNTY. CONTRACTOR understands and acknowledges that it shall not be entitled to any of the benefits of a COUNTY employee, including but not limited to vacation, sick leave, administrative leave, health insurance, disability insurance, retirement, unemployment insurance, workers' compensation and protection of tenure.

7. **STANDARD OF PERFORMANCE.** CONTRACTOR represents that it has the skills, expertise, and licenses/permits necessary to perform the services required under this Agreement. Accordingly, CONTRACTOR shall perform all such services in the manner and according to the standards

observed by a competent practitioner of the same profession in which CONTRACTOR is engaged. All products of whatsoever nature, which CONTRACTOR delivers to COUNTY pursuant to this Agreement, shall be prepared in a first class and workmanlike manner and shall conform to the standards of quality normally observed by a person practicing in CONTRACTOR's profession. CONTRACTOR shall correct or revise any errors or omissions, at COUNTY'S request without additional compensation. Permits and/or licenses shall be obtained and maintained by CONTRACTOR without additional compensation.

8. **TAXES.** COUNTY shall not be responsible for paying any taxes on CONTRACTOR's behalf, and should COUNTY be required to do so by state, federal, or local taxing agencies, CONTRACTOR agrees to promptly reimburse COUNTY for the full value of such paid taxes plus interest and penalty, if any. These taxes shall include, but not be limited to, the following: FICA (Social Security), unemployment insurance contributions, income tax, disability insurance, and workers' compensation insurance.

9. **CONFLICT OF INTEREST.** CONTRACTOR covenants that CONTRACTOR presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of services required to be performed under this Agreement. CONTRACTOR further covenants that in the performance of this Agreement, no person having any such interest shall be employed by CONTRACTOR.

10. **RESPONSIBILITIES OF COUNTY.** COUNTY shall provide all information reasonably necessary by CONTRACTOR in performing the services provided herein.

11. **OWNERSHIP OF DOCUMENTS.** COUNTY shall be the owner of the following items incidental to this Agreement upon production, whether or not completed: all data collected, all documents of any type whatsoever, and any material necessary for the practical use of the data and/or documents from the time of collection and/or production whether or not performance under this Agreement is completed or terminated prior to completion. CONTRACTOR shall not release any materials under this section except after prior written approval of COUNTY.

No materials produced in whole or in part under this Agreement shall be subject to copyright in the United States or in any other country except as determined at the sole discretion of COUNTY. COUNTY shall have the unrestricted authority to publish, disclose, distribute, and other use in whole or in part, any reports, data, documents or other materials prepared under this Agreement.

12. **RECORDS, AUDIT, AND REVIEW.** CONTRACTOR shall keep such business records pursuant to this Agreement as would be kept by a reasonably prudent practitioner of CONTRACTOR's profession and shall maintain such records for at least four (4) years following the termination of this Agreement. All accounting records shall be kept in accordance with generally accepted accounting practices. COUNTY shall have the right to audit and review all such documents and records at any time during CONTRACTOR's regular business hours or upon reasonable notice.

13. **INDEMNIFICATION AND INSURANCE.** CONTRACTOR shall agree to defend, indemnify and save harmless the COUNTY and to procure and maintain insurance in accordance with the provisions of EXHIBIT C attached hereto and incorporated herein by reference.

14. **NONDISCRIMINATION.** COUNTY hereby notifies CONTRACTOR that COUNTY's Unlawful Discrimination Ordinance (Article XIII of Chapter 2 of the Santa Barbara County Code) applies to this Agreement and is incorporated herein by this reference with the same force and effect as if the ordinance were specifically set out herein and CONTRACTOR agrees to comply with said ordinance.

15. **NONEXCLUSIVE AGREEMENT.** CONTRACTOR understands that this is not an exclusive Agreement and that COUNTY shall have the right to negotiate with and enter into contracts with

others providing the same or similar services as those provided by CONTRACTOR as the COUNTY desires.

16. **ASSIGNMENT.** CONTRACTOR shall not assign any of its rights nor transfer any of its obligations under this Agreement without the prior written consent of COUNTY and any attempt to so assign or so transfer without such consent shall be void and without legal effect and shall constitute grounds for termination.

17. **TERMINATION.**

A. **By COUNTY.** COUNTY may, by written notice to CONTRACTOR, terminate this Agreement in whole or in part at any time, whether for COUNTY's convenience or because of the failure of CONTRACTOR to fulfill the obligations herein. Upon receipt of notice, CONTRACTOR shall immediately discontinue all services effected (unless the notice directs otherwise), and deliver to COUNTY all data, estimates, graphs, summaries, reports, and all other records, documents or papers as may have been accumulated or produced by CONTRACTOR in performing this Agreement, whether completed or in process.

1. For Convenience. COUNTY may terminate this Agreement upon thirty (30) days written notice. Following notice of such termination, CONTRACTOR shall promptly cease work and notify COUNTY as to the status of its performance.

Notwithstanding any other payment provision of this Agreement, COUNTY shall pay CONTRACTOR for service performed to the date of termination to include a prorated amount of compensation due hereunder less payments, if any, previously made. In no event shall CONTRACTOR be paid an amount in excess of the full price under this Agreement nor for profit on unperformed portions of service. CONTRACTOR shall furnish to COUNTY such financial information as in the judgment of COUNTY is necessary to determine the reasonable value of the services rendered by CONTRACTOR. In the event of a dispute as to the reasonable value of the services rendered by CONTRACTOR, the decision of COUNTY shall be final. The foregoing is cumulative and shall not effect any right or remedy which COUNTY may have in law or equity.

2. For Cause. Should CONTRACTOR default in the performance of this Agreement or materially breach any of its provisions, COUNTY may, at COUNTY's sole option, terminate this Agreement by written notice, which shall be effective upon receipt by CONTRACTOR.

B. **By CONTRACTOR.** Should COUNTY fail to pay CONTRACTOR all or any part of the payment set forth in EXHIBIT B, CONTRACTOR may, at CONTRACTOR's option terminate this agreement if such failure is not remedied by COUNTY within thirty (30) days of written notice to COUNTY of such late payment.

18. **SECTION HEADINGS.** The headings of the several sections, and any Table of Contents appended hereto, shall be solely for convenience of reference and shall not affect the meaning, construction or effect hereof.

19. **SEVERABILITY.** If any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, then such provision or provisions shall be deemed severable from the remaining provisions hereof, and such invalidity, illegality or unenforceability shall not affect any other provision hereof, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.

20. **REMEDIES NOT EXCLUSIVE.** No remedy herein conferred upon or reserved to COUNTY is intended to be exclusive of any other remedy or remedies, and each and every such remedy,

to the extent permitted by law, shall be cumulative and in addition to any other remedy given hereunder or now or hereafter existing at law or in equity or otherwise.

21. **TIME IS OF THE ESSENCE.** Time is of the essence in this Agreement and each covenant and term is a condition herein.

22. **NO WAIVER OF DEFAULT.** No delay or omission of COUNTY to exercise any right or power arising upon the occurrence of any event of default shall impair any such right or power or shall be construed to be a waiver of any such default or an acquiescence therein; and every power and remedy given by this Agreement to COUNTY shall be exercised from time to time and as often as may be deemed expedient in the sole discretion of COUNTY.

23. **ENTIRE AGREEMENT AND AMENDMENT.** In conjunction with the matters considered herein, this Agreement contains the entire understanding and agreement of the parties and there have been no promises, representations, agreements, warranties or undertakings by any of the parties, either oral or written, of any character or nature hereafter binding except as set forth herein. This Agreement may be altered, amended or modified only by an instrument in writing, executed by the parties to this Agreement and by no other means. Each party waives their future right to claim, contest or assert that this Agreement was modified, canceled, superseded, or changed by any oral agreements, course of conduct, waiver or estoppel.

24. **SUCCESSORS AND ASSIGNS.** All representations, covenants and warranties set forth in this Agreement, by or on behalf of, or for the benefit of any or all of the parties hereto, shall be binding upon and inure to the benefit of such party, its successors and assigns.

25. **COMPLIANCE WITH LAW.** CONTRACTOR shall, at his sole cost and expense, comply with all County, State and Federal ordinances and statutes now in force or which may hereafter be in force with regard to this Agreement. The judgment of any court of competent jurisdiction, or the admission of CONTRACTOR in any action or proceeding against CONTRACTOR, whether COUNTY be a party thereto or not, that CONTRACTOR has violated any such ordinance or statute, shall be conclusive of that fact as between CONTRACTOR and COUNTY.

26. **CALIFORNIA LAW.** This Agreement shall be governed by the laws of the State of California. Any litigation regarding this Agreement or its contents shall be filed in the County of Santa Barbara, if in state court, or in the federal district court nearest to Santa Barbara County, if in federal court.

27. **EXECUTION OF COUNTERPARTS.** This Agreement may be executed in any number of counterparts and each of such counterparts shall for all purposes be deemed to be an original; and all such counterparts, or as many of them as the parties shall preserve undestroyed, shall together constitute one and the same instrument.

28. **AUTHORITY.** All parties to this Agreement warrant and represent that they have the power and authority to enter into this Agreement in the names, titles and capacities herein stated and on behalf of any entities, persons, or firms represented or purported to be represented by such entity(ies), person(s), or firm(s) and that all formal requirements necessary or required by any state and/or federal law in order to enter into this Agreement have been fully complied with. Furthermore, by entering into this Agreement, CONTRACTOR hereby warrants that it shall not have breached the terms or conditions of any other contract or agreement to which CONTRACTOR is obligated, which breach would have a material effect hereon.

29. **PRECEDENCE.** In the event of conflict between the provisions contained in the numbered sections of this Agreement and the provisions contained in the Exhibits, the provisions of the Exhibits shall prevail over those in the numbered sections.

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Agreement for Services of Independent Contractor between the **Santa Barbara County Water Agency** and **MNS Engineers Inc.**

IN WITNESS WHEREOF, the parties have executed this Agreement to be effective on the date executed by COUNTY.

SANTA BARBARA COUNTY WATER AGENCY

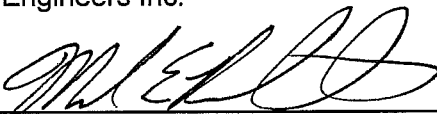
By: _____
Chair, Board of Directors

Date: _____

ATTEST:
CHANDRA L. WALLAR
CLERK OF THE BOARD

CONTRACTOR
MNS Engineers Inc.

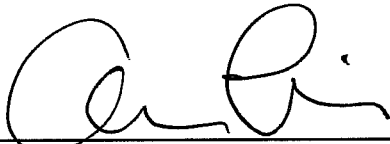
By: _____
Deputy

By: 
Title: Vice President

APPROVED AS TO FORM:
DENNIS A. MARSHALL
COUNTY COUNSEL

APPROVED AS TO ACCOUNTING FORM:
ROBERT W. GEIS, CPA
AUDITOR-CONTROLLER

By: 
Deputy County Counsel

By: 
Deputy
Deputy Auditor-Controller
Gregory Eric Levin
Advanced and Specialty Accounting

Dept: 054
Fund: 3050
Acct: 7460
Program: 3011

APPROVED AS TO FORM:
RAY AROMATORIO, ARM, AIC
RISK MANAGER

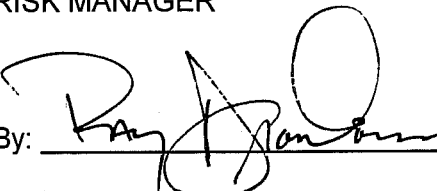
By: 

Exhibit A
Statement of Work



ENGINEERS ▼ SURVEYORS ▼ CONSTRUCTION MANAGERS
Quality Infrastructure Services

November 14, 2012

Mr. Dennis Gibbs, PE
Santa Barbara Flood Control &
Water Conservation District
123 E. Anapamu Street
Santa Barbara, CA 93101

RE: Proposal for Aerial Survey, Capacity Report, and Sedimentation Study—Twitchell Reservoir

Dear Mr. Gibbs:

Thank you for requesting a proposal for this project. The following is a brief statement of our qualifications and approach, followed by our proposed scope of services and associated fee.

Statement of Qualifications:

We offer you a highly competent team who has worked together performing these types of projects for many years. As the prime consultant, MNS will provide the overall project management and coordination of the project, preparing survey control, research, ground-based mapping, sedimentation study, and assembling the final reports and base map. Our subconsultant team consists of the following firms:

- Fugro Consultants, Inc. (Fugro) will provide the bathymetric mapping services.
- Central Coast Aerial Mapping, Inc. (CCAM) will provide the aerial topographic mapping services.

The MNS/Fugro team has worked together on 13 volumetric studies involving hydrographic surveys. The MNS/CCAM team has prepared several dozen aerial mapping projects. The three companies have teamed together on recent projects that incorporated all three disciplines.

Similar Project Experience

We have both recent and similar experience with surveys of similar scope which include:

- Mockingbird Canyon Lake Bathymetric Survey and Preliminary Dredging Design Report for the City of Riverside
- Twitchell Reservoir Survey and Sedimentation Study and Update of Reservoir Capacity Tables for the Santa Maria Valley Water Conservation District
- Bathymetric Surveys of Lake Cachuma for the Cachuma Operations and Maintenance Board
- Bathymetric Surveys of Gibraltar Reservoir for the City of Santa Barbara



UNDERSTANDING OF PROJECT REQUIREMENTS:

The Santa Barbara County Flood Control and Water Conservation District and Water Agency requires updated topographic mapping of the Twitchell Reservoir basin and a report that includes data tables showing reservoir capacity at any given level and other tables and/or graphs that show the relationship of capacity, level, area, etc. and comparisons to previous studies.

This survey and study will be performed in a manner consistent with past surveys, and the data derived compared with the last survey to determine current capacities to be used in a revised capacity table. We understand that this data is critical to determine water reclamation and flood control capacities as well as to monitor siltation in the reservoir.

We also understand that the County desires a sediment analysis and report that includes data tables showing sediment migration into the basin as well as movement of sediment within the basin. This study is an important element of the determination of reservoir capacity at any given level. We propose an option to update previous tables and/or graphs that show the relationship of capacity, level, area, etc. and comparisons of sediment levels to previous studies.

SCOPE OF SERVICES:

Reservoir Aerial Mapping:

MNS will conduct an aerial topographic mapping project for the Twitchell Reservoir basin. The limits of the mapping will be the 692 contour based upon the Reservoir datum. The accuracies will be for 2' contour intervals vertical and 1"=100' for horizontal. Mapping will be done based upon the NAD 83 coordinate system and conducted using static GPS methods. Mapping will be conducted within the guidelines of the National Map Accuracy Standards. We will incorporate airborne GPS techniques to greatly reduce the number of aerial panels required for the project.

Bathymetric Mapping:

MNS will conduct a bathymetric survey for the portion of the reservoir that is inundated at the time of the survey, currently estimated to cover approximately 435 acres at the 540' elevation. This work will be done using a Differential GPS system for real-time positioning integrated with a computer navigation and bathymetric data acquisition system.

Map and Report Preparation:

The aerial and bathymetric data will be merged to create one seamless topographic map. MNS will prepare a report that describes the project and includes Area Tables that calculate and report the area of the reservoir in square feet, acre-feet and cumulative acre-feet in 0.01' increments of elevation from the lowest point on the reservoir to the 692 contour. The input will be the areas from the 2' contour mapping and the infilling by interpolation.

The report will also include Elevation/Capacity tables which report the cumulative capacity of the reservoir in 0.1' increments, a table which shows comparisons of volume to previous reports, and copies of the mapping plotted at an appropriate scale.

Site Condition Assumptions:

The scope and cost estimate of this proposal is based upon the assumption that we will not be prevented from access to any of the areas requiring aerial panel placement and surveying. It also assumes that there will be adequate access for a four-wheel drive truck and attached trailer to load and retrieve a 14' survey skiff from the water-filled area.

Optional Sedimentation Study:

As was performed using the 2007 survey data, we propose as an option to fully and comprehensively analyze and discuss the sediment accumulation within the Twitchell basin since 2007. We will include in this option:

1. An updated discussion of sediment management efforts accomplished since the last (2007) survey, as well as operational implications and lessons learned since 2007.
2. An update to the graphs and charts used in the last report to describe the progressive sedimentation in the basin. The report will be updated to reflect the new topographic data.
3. Comparison and mapping of the changes in sedimentation levels by color-coding between the current and 2007 sediment levels. Similar to the colored map that was generated using data from the 2000 and 2007 topographic maps.

Optional Downstream Aerial Mapping:

This option is to include aerial mapping of a downstream portion of the river channel below the dam. The mapping would cover the area from the bottom of the dam, downstream approximately one mile, between the bases of the adjacent hills that form the channel. The mapping would be to the same specification as the basin mapping. To be cost effective this option should be conducted at the same time as the rest of the project.

Optional Digital Color Ortho-photo:

Although not requested at this time, if desired, MNS will provide an optional color digital ortho-photo of the project area with 1' pixel resolution.

SCHEDULE:

We can begin the project within one week of the notice to proceed. We expect to have the final report and all deliverables completed within seven weeks from the commencement of the work.

FEE:

- Basic Survey Services as described in the RFP, and above. Not to exceed fee of \$111,525
- Optional downstream mapping: \$2,090
- Optional Comprehensive Report Update: \$9,100 (Includes full-sized digital, colored sedimentation map which shows a comparison and mapping of the changes in sedimentation levels by color-coding between the current and 2007 sediment levels.

Total for proposed services: \$122,715.00

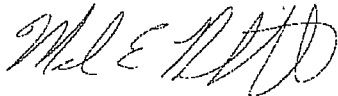
AUTHORIZATION

Please contact me at 805-692-6921 or at mreinhardt@mnsengineers.com if you have any questions or would like us to proceed with this work.

Thank you for considering MNS for this project.

Sincerely,

MNS Engineers Inc.



Mark E. Reinhardt, PLS

EXHIBIT B

PAYMENT ARRANGEMENTS

Periodic Compensation (with attached Schedule of Fees)

- A. For CONTRACTOR services to be rendered under this contract, CONTRACTOR shall be paid a total contract amount, including cost reimbursements, not to exceed \$ **122,715.00**.
- B. Extra Work required to complete the project may be authorized only if CONTRACTOR receives written approval by the COUNTY's designated representative as identified in Paragraph 1 of the Agreement at the same rate per unit as defined in **Attachment B1**. The total amount of this contingency fund is 10% of the agreement amount or **\$12,271.50**.
- C. Payment for services and /or reimbursement of costs shall be made upon CONTRACTOR's satisfactory performance, based upon the scope and methodology contained in **EXHIBIT A** as determined by COUNTY. Payment for services and/or reimbursement of costs shall be based upon the costs, expenses, overhead charges and hourly rates for personnel, as defined in **Attachment B1** (Schedule of Fees). Invoices submitted for payment that are based upon **Attachment B1** must contain sufficient detail to enable an audit of the charges and provide supporting documentation if so specified in **EXHIBIT A**.
- D. **Monthly**, CONTRACTOR shall submit to the COUNTY DESIGNATED REPRESENTATIVE an invoice or certified claim on the County Treasury for the service performed over the period specified. These invoices or certified claims must cite the assigned Board Contract Number. COUNTY REPRESENTATIVE shall evaluate the quality of the service performed and if found to be satisfactory and within the cost basis of **Attachment B1** shall initiate payment processing. COUNTY shall pay invoices or claims for satisfactory work within 30 days of presentation.
- E. COUNTY's failure to discover or object to any unsatisfactory work or billings prior to payment will not constitute a waiver of COUNTY's right to require CONTRACTOR to correct such work or billings or seek any other legal remedy.



STANDARD SCHEDULE OF FEES

Effective July 1, 2012 through June 30, 2013

Project Management

Principal-In-Charge	\$210
Senior Project Manager	200
Project Manager	185
Project Coordinator	100

Engineering

Principal Engineer.....	\$195
Supervising Engineer	175
Senior Project Engineer	160
Project Engineer.....	140
Associate Engineer	125
Assistant Engineer	105

Surveying

Principal Surveyor	\$195
Supervising Surveyor	170
Senior Project Surveyor	155
Project Surveyor.....	140
Senior Land Title Analyst	125
Assistant Project Surveyor	120
Party Chief	130
Chainperson.....	115
One-Person Survey Crew	170

Technical Support

CADD Manager.....	\$140
Supervising CADD/Engineering Technician	110
Senior CADD/Engineering Technician.....	100
CADD/Engineering Technician	90
Senior GIS Analyst.....	140
GIS Analyst.....	120
Senior GIS Technician.....	110
GIS Technician.....	95

Construction Management

Principal Construction Manager	\$195
Senior Construction Manager	165
Resident Engineer	160
Construction Manager	155
Structure Representative	145
Assistant Resident Engineer	135
Construction Inspector	115
Construction Inspector (PW)	128
Office Engineer	105

Municipal Services

City Engineer	\$195
Deputy City Engineer	175
Assistant City Engineer	160
Plan Check Engineer	160
Permit Engineer	140
City Inspector	115
City Inspector (PW).....	128
Planning Director	185
Senior City Planner.....	160
Assistant Planner	125

Administrative Support

Administrative Analyst	\$90
Administrative Assistant.....	70

Direct Expenses:

Use of outside consultants as well as copies, blueprints, survey stakes, monuments, computer plots, telephone, travel (out of area) and all similar charges directly connected with the work will be charged at cost plus fifteen percent (15%). Mileage will be charged at the current federal mileage reimbursement rate. Expert Witness services will be charged at three (3) times listed rate and will include all time for research, deposition, court appearance and expert testimony.

Prevailing Wage Rates:

Rates shown with Prevailing Wage "(PW)" annotation are used for field work on projects subject to federal or state prevailing wage law.

EXHIBIT C

for contracts REQUIRING professional liability insurance

INDEMNIFICATION

Indemnification pertaining to other than Design Professional Services:

CONTRACTOR shall defend, indemnify and save harmless the COUNTY, its officers, agents and employees from any and all claims, demands, damages, costs, expenses (including attorney's fees), judgments or liabilities arising out of this Agreement or occasioned by the performance or attempted performance of the provisions hereof; including, but not limited to, any act or omission to act on the part of the CONTRACTOR or his agents or employees or other independent contractors directly responsible to him; except those claims, demands, damages, costs, expenses (including attorney's fees), judgments or liabilities resulting from the sole negligence or willful misconduct of the COUNTY.

CONTRACTOR shall notify the COUNTY immediately in the event of any accident or injury arising out of or in connection with this Agreement.

Indemnification pertaining to Design Professional Services:

CONTRACTOR shall defend, indemnify, and hold COUNTY, its officers, employees, and agents harmless from and against any and all claims, demands, damages, costs, expenses (including attorney's fees), judgments or liabilities that arise out of, pertain to or relate to the negligence, recklessness, or willful misconduct on the part of the CONTRACTOR or his agents or employees or other independent contractors directly responsible to him to the fullest extent allowable by law.

CONTRACTOR shall notify the COUNTY immediately in the event of any accident or injury arising out of or in connection with this Agreement.

Without limiting the CONTRACTOR's indemnification of the COUNTY, CONTRACTOR shall procure the following required insurance coverages at its sole cost and expense. All insurance coverages are to be placed with insurers which (1) have a Best's rating of no less than A: VII, and (2) are admitted insurance companies in the State of California. All other insurers require the prior approval of the COUNTY. Such insurance coverage shall be maintained during the term of this Agreement. Failure to comply with the insurance requirements shall place CONTRACTOR in default. Upon request by the COUNTY, CONTRACTOR shall provide a certified copy of any insurance policy to the COUNTY within ten (10) working days.

1. Workers' Compensation Insurance: Statutory Workers' Compensation and Employers Liability Insurance shall cover all CONTRACTOR's staff while performing any work incidental to the performance of this Agreement. The policy shall provide that no cancellation, or expiration or reduction of coverage shall be effective or occur until at least thirty (30) days after receipt of such notice by the COUNTY. In the event CONTRACTOR is self-insured, it shall furnish a copy of Certificate of Consent to Self-Insure issued by the Department of Industrial Relations for the State of California. This provision does not apply if CONTRACTOR has no employees as

defined in Labor Code Section 3350 et seq. during the entire period of this Agreement and CONTRACTOR submits a written statement to the COUNTY stating that fact.

2. General and Automobile Liability Insurance: The general liability insurance shall include bodily injury, property damage and personal injury liability coverage, shall afford coverage for all premises, operations, products and completed operations of CONTRACTOR and shall include contractual liability coverage sufficiently broad so as to include the insurable liability assumed by the CONTRACTOR in the indemnity and hold harmless provisions [above] of the Indemnification Section of this Agreement between COUNTY and CONTRACTOR. The automobile liability insurance shall cover all owned, non-owned and hired motor vehicles that are operated on behalf of CONTRACTOR pursuant to CONTRACTOR's activities hereunder. CONTRACTORS shall require all subcontractors to be included under its policies or furnish separate certificates and endorsements to meet the standards of these provisions by each subcontractor. COUNTY, its officers, agents, and employees shall be Additional Insured status on any policy. A cross liability clause, or equivalent wording, stating that coverage will apply separately to each named or additional insured as if separate policies had been issued to each shall be included in the policies. A copy of the endorsement evidencing that the policy has been changed to reflect the Additional Insured status must be attached to the certificate of insurance. The limit of liability of said policy or policies for general and automobile liability insurance shall not be less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate. Any deductible or Self-Insured Retention {SIR} over \$10,000 requires approval by the COUNTY.

Said policy or policies shall include a severability of interest or cross liability clause or equivalent wording. Said policy or policies shall contain a provision of the following form:

"Such insurance as is afforded by this policy shall be primary and if the COUNTY has other valid and collectible insurance, that other insurance shall be excess and non-contributory."

If the policy providing liability coverage is on a 'claims-made' form, the CONTRACTOR is required to maintain such coverage for a minimum of three years following completion of the performance or attempted performance of the provisions of this agreement. Said policy or policies shall provide that the COUNTY shall be given thirty (30) days written notice prior to cancellation or expiration of the policy or reduction in coverage.

3. Professional Liability Insurance. Professional liability insurance shall include coverage for the activities of CONTRACTOR's professional staff with a combined single limit of not less than \$1,000,000 per occurrence or claim and \$2,000,000 in the aggregate. Said policy or policies shall provide that COUNTY shall be given thirty (30) days written notice prior to cancellation, expiration of the policy, or reduction in coverage. If the policy providing professional liability coverage is a on 'claims-made' form, the CONTRACTOR is required to maintain such coverage for a minimum of three (3) years (ten years [10] for Construction Defect Claims) following completion of the performance or attempted performance of the provisions of this agreement.

CONTRACTOR shall submit to the office of the designated COUNTY representative certificate(s) of insurance documenting the required insurance as specified above prior to this Agreement becoming effective. COUNTY shall maintain current certificate(s) of insurance at all times in the office of the designated County representative as a condition precedent to any payment under this Agreement. Approval of insurance by COUNTY or acceptance of the certificate of insurance by COUNTY shall not relieve or decrease the extent to which the CONTRACTOR may be held responsible for payment of

damages resulting from CONTRACTOR'S services of operation pursuant to the contract, nor shall it be deemed a waiver of COUNTY'S rights to insurance coverage hereunder.

In the event the CONTRACTOR is not able to comply with the COUNTY'S insurance requirements, COUNTY may, at their sole discretion and at the CONTRACTOR'S expense, provide compliant coverage.

The above insurance requirements are subject to periodic review by the COUNTY. The COUNTY's Risk Program Administrator is authorized to change the above insurance requirements, with the concurrence of County Counsel, to include additional types of insurance coverage or higher coverage limits, provided that such change is reasonable based on changed risk of loss or in light of past claims against the COUNTY or inflation. This option may be exercised during any amendment of this Agreement that results in an increase in the nature of COUNTY's risk and such change of provisions will be in effect for the term of the amended Agreement. Such change pertaining to types of insurance coverage or higher coverage limits must be made by written amendment to this Agreement. CONTRACTOR agrees to execute any such amendment within thirty (30) days of acceptance of the amendment or modification.

**EXHIBIT D
YEAR 2000 DATE CHANGE COMPLIANCE WARRANTY
FOR GOODS AND SERVICES**

---- INTENTIONALLY OMITTED ----

**REMOVED
March 1, 2004**

THIS AGREEMENT DOES NOT INCLUDE EXHIBIT D