PLACE: West Sacramento Chamber of Commerce Meeting Room
1420 Merkley Avenue, Suite 6
West Sacramento, CA

DATE: Thursday, August 11, 2011

TIME: 10:30 AM

Meeting Agenda

1. Agenda Approval
2. Public Comment
3. July 14, 2011 Minutes
5. Consideration of Approval of New Contracts with the Board of Senior Consultants to Support the Southport Sacramento River EIP
6. WSAFCA Project Updates
7. Informational Items
   - Southport Sacramento River EIP Geotechnical Analysis Briefing
8. Adjourn

** In accordance to the Brown Act, any documents related to agenda items that are made available to the Board before the meeting will be available for review by the public at 1420 Merkley Ave., Suite 4, West Sacramento, CA 95691, 8:00 am to 4:00 pm, Monday through Friday. **
OBJECTIVE
The purpose of this agenda report is to approve new contracts with the Board of Senior Consultants to support the Southport Sacramento River EIP.

RECOMMENDED ACTION
It is respectfully recommended that the JPA Board:
1. Approve the three individual Professional Services Contracts in the amount of $75,000 with George Sills, David T. Williams, and Ray Martin to provide safety assurance review of the Southport Early Implementation Project supporting the West Sacramento Levee Improvement Program; and
2. Authorize the General Manager or his designee to take any and all actions reasonably necessary to complete the work described in the Contracts, including the approval of minor Contract amendments that, in the opinion of the General Manager, will not materially alter the purpose of the Contract nor increase the total compensation due under the individual Contract by more than 10% ($7,500).

BACKGROUND
The goal of the West Sacramento Levee Improvement Program (WSLIP) is to significantly reduce the risk of flooding with the specific objective of providing 200 year protection as required by State legislation (SB 5). The project must undergo a Type II Independent External Peer Review or Safety Assurance Review (SAR) set out under Section 2035 of WRDA 2007 prior to submission of the 408 request for approval to the United States Army Corps of Engineers headquarters in Washington D.C. To this end, a Board of Senior Consultants (BOSC) has been formed with the objective of reviewing the technical supporting documentation and plans and specifications including but not limited to; problem identification report, development of alternatives, hydraulics report, and design of levee improvements. The focus will be in evaluating the WSLIP as a system to ensure it meets the intended objectives of providing 200 year protection. The BOSC will also assist in resolving technical issues related to design of the project. The BOSC will provide guidance to the design team and evaluate the interface between design features and design teams. In addition, members of the BOSC may coordinate with agencies during the review process.

ANALYSIS
The West Sacramento Area Flood Control Agency (WSAFCA) requires a SAR review of the critical elements of the WSLIP to assure that the improvements achieve the intended objective and meets the USACE SAR standards. A SAR shall include participation by independent experts selected from among individuals who are distinguished experts in engineering, hydrology, or other appropriate disciplines. Independent in this instance means that the person selected to review the design is not involved in the original design, has no conflict of interest, and does not carry out or advocate for or against Federal water resources projects. For this purpose, a three-member BOSC is proposed to be assembled. The experienced professionals selected to form the BOSC are: Mr. George Sills, PE, GE; Dr. David T. Williams, PhD, PE, DWRE; and Dr. Ray Martin, PE. All three are recognized experts in flood control projects and geotechnical engineering (Sills, Martin) and hydraulic engineering (Williams). These experts are currently performing the same function with WSAFCA on the Rivers
and CHP Academy EIP's. These experts have also been approved by the USACE as independent and qualified to engage in this important role.

**Alternatives**
1. Staff recommends that the Board approve the contracts.
2. The Board may choose to approve the contracts at a revised value.
3. The Board may choose not to approve the contracts. This option is not recommended as it would delay the Safety Assurance Review process for the Southport EIP.

**Budget/Cost Impact**
The three individual contracts are for $75,000.00, with a combined total value of $225,000.00. These contracts will be funded by a combination of flood property assessments, bond proceeds, and the design funding agreement with the State of California Department of Water Resources.

**ATTACHMENT**
Contract and Scope of Work
CONTRACT FOR SERVICES

T HIS CONTRACT is made on August 11, 2011, by and between the CITY OF WEST SACRAMENTO ("City"), and George Sills Geotechnical Engineering Consultant, L.L.C. ("Consultant").

WITNESSETH:

WHEREAS, the City desires Professional Services for a Safety Assurance Review related to the West Sacramento Levee Improvement Program;

WHEREAS, the Consultant has presented a proposal for such services to the City, dated July 25, 2011, (attached hereto and incorporated herein as Exhibit “A”) and is duly licensed, qualified and experienced to perform those services;

NOW, THEREFORE, the parties hereto mutually agree as follows:

1. SCOPE OF SERVICES:

   A. Consultant shall do all work, attend all meetings, produce all reports and carry out all activities necessary to complete the services described in Exhibit “A”. This Contract and its exhibits shall be known as the “Contract Documents.” Terms set forth in any Contract Document shall be deemed to be incorporated in all Contract Documents as if set forth in full therein. In the event of conflict between terms contained in these Contract Documents, the more specific term shall control. If any portion of the Contract Documents shall be in conflict with any other portion, provisions contained in the Contract shall govern over conflicting provisions contained in the exhibits to the Contract.

   B. Consultant enters into this Contract as an independent contractor and not as an employee of the City. The Consultant shall have no power or authority by this Contract to bind the City in any respect. Nothing in this Contract shall be construed to be inconsistent with this relationship or status. All employees, agents, contractors or subcontractors hired or retained by the Consultant are employees, agents, contractors or subcontractors of the Consultant and not of the City. The City shall not be obligated in any way to pay any wage claims or other claims made against Consultant by any such employees, agents, contractors or subcontractors, or any other person resulting from performance of this Contract.

   C. The Consultant agrees it has satisfied itself by its own investigation and research regarding the conditions affecting the work to be done and labor and materials needed, and that its decision to execute this Contract is based on such independent investigation and research.

2. TERM OF CONTRACT
A. The services of Consultant are to commence upon receipt of written notice to proceed from the City, shall be undertaken and completed in accordance with the Scope of Work described in Exhibit “A”, and shall terminate on December 31, 2013.

B. Consultant’s failure to complete work in accordance with the Schedule of Performance may result in delayed compensation as described in Section 3, Compensation.

C. The City Manager or his or her designee may, by written instrument signed by the Parties, extend the duration of this Contract for a period equal to the original term of this Contract in the manner provided in Section 5, provided that the extension does not require the payment of compensation in excess of the maximum compensation set forth in Section 3, Compensation.

3. COMPENSATION:

A. The Consultant shall be paid monthly for the actual fees, costs and expenses, for all time and materials required and expended, but in no event shall total compensation exceed Seventy Five Thousand Dollars ($75,000), without City’s prior written approval.

B. Said amount shall be paid upon submittal of a monthly billing showing completion of the tasks that month. Consultant shall furnish City with invoices for all expenses as well as for all materials authorized by this Contract. The invoices shall be submitted with the monthly billings. If Consultant’s performance is not in conformity with the Schedule of Performance, payments may be delayed or denied, unless the Consultant’s failure to perform in conformity with the Schedule of Performance is a documented result of the City’s failure to conform with the Schedule of Performance, or if the Schedule of Performance is extended pursuant to Section 5.

C. If the work is halted at the request of the City, compensation shall be based upon the proportion that the work performed bears to the total work required by this Contract, subject to Section 4.

4. TERMINATION:

A. This Contract may be terminated by either party, provided that the other party is given not less than 30 calendar days’ written notice (delivered by certified mail, return receipt requested) of intent to terminate.

B. The City may temporarily suspend this Contract, at no additional cost to City, provided that the Consultant is given written notice (delivered by certified mail, return receipt requested) of temporary suspension. If City gives such notice of temporary suspension, Consultant shall immediately suspend its activities under this Contract.

C. Notwithstanding any provisions of this Contract, Consultant shall not be relieved of liability to the City for damages sustained by the City by virtue of any breach of this Contract by Consultant, and the City may withhold any payments due to Consultant until such time as the exact amount of damages, if any, due the City from Consultant is determined.
D. In the event of termination, the Consultant shall be compensated as provided for in this Contract, except as provided in Section 4C. Upon termination, the City shall be entitled to all work, including but not limited to, appraisals, inventories, studies, analyses, drawings and data estimates performed to that date in accordance with Section 7 hereof.

5. AMENDMENTS, CHANGES OR MODIFICATIONS:

Amendments, changes or modifications in the terms of this Contract may be made at any time by mutual written agreement between the parties hereto and shall be signed by the persons authorized to bind the parties hereto.

6. EXTENSIONS OF TIME:

Consultant may, for good cause, request extensions of time to perform the services required hereunder. Such extensions shall be authorized in advance by the City in writing and shall be incorporated in written amendments to this Contract or the attached Work Program in the manner provided in Section 5.

7. PROPERTY OF CITY:

A. It is mutually agreed that all materials prepared by the Consultant under this Contract shall become the property of the City, and the Consultant shall have no property right therein whatsoever. Immediately upon termination, the City shall be entitled to, and the Consultant shall deliver to the City, all data, drawings, specifications, reports, estimates, summaries and other such materials as may have been prepared or accumulated to date by the Consultant in performing this Contract which is not Consultant’s privileged information, as defined by law, or Consultant’s personnel information, along with all other property belonging exclusively to the City which is in the Consultant’s possession.

B. Additionally, it is agreed that the parties intend this to be a contract for services and each considers the products and results of the services to be rendered by Consultant hereunder (the “Work”) to be a work made for hire. Consultant acknowledges and agrees that the Work (and all rights therein, including, without limitation, copyright) belongs to and shall be the sole and exclusive property of the City.

8. COMPLIANCE WITH LOCAL LAW:

Consultant shall comply with all applicable laws, ordinances, and codes of federal, State and local governments, and shall commit no trespass on any public or private property in performing any of the work authorized by this Contract.

9. WARRANTIES AND RESPONSIBILITIES - CONSULTANT:

A. Consultant agrees and represents that it is qualified to properly provide the services set forth in Exhibit “A” in a manner which is consistent with the generally accepted standards of Consultant’s profession.
B. Consultant agrees and represents that the work performed under this Contract shall be in accordance with applicable federal, State and local law in accordance with Section 17A hereof.

C. Consultant shall designate a project manager who at all times shall represent the Consultant before the City on all matters relating to this Contract. The project manager shall continue in such capacity unless and until he or she is removed at the request of the City, is no longer employed by Consultant, or is replaced with the written approval of the City, which approval shall not be unreasonably withheld.

D. Consultant shall provide corrective services without charge to the City for services which fail to meet the above professional and legal standards and which are reported to Consultant in writing within sixty (60) days of discovery. Should Consultant fail or refuse to perform promptly its obligations, the City may render or undertake performance thereof and the Consultant shall be liable for any expenses thereby incurred.

10. SUBCONTRACTING:

None of the services covered by this Contract shall be subcontracted without the prior written consent of the City, which will not be unreasonably withheld. Consultant shall be as fully responsible to the City for the negligent acts and omissions of its contractors and subcontractors, and of persons either directly or indirectly employed by them, as it is for the negligent acts and omissions of persons directly employed by Consultant.

11. ASSIGNABILITY:

Consultant shall not assign or transfer any interest in this Contract whether by assignment or novation, without the prior written consent of the City which will not be unreasonably withheld. However, claims for money due or to become due Consultant from the City under this Contract may be assigned to a financial institution, or to a trustee in bankruptcy, without such approval. Notice of any assignment or transfer whether voluntary or involuntary shall be furnished promptly to the City.

12. INTEREST IN CONTRACT:

Consultant covenants that neither it, nor any of its employees, agents, contractors, subcontractors has any interest, nor shall they acquire any interest, direct or indirect, in the subject of the Contract, nor any other interest which would conflict in any manner or degree with the performance of its services hereunder. Consultant shall make all disclosures required by the City’s conflict of interest code in accordance with the category designated by the City, unless the City Manager determines in writing that Consultant’s duties are more limited in scope than is warranted by the category designated by the City code and that a narrower disclosure category should apply. Consultant also agrees to make disclosure in compliance with the City conflict of interest code if, at any time after the execution of this Contract, City determines and notifies Consultant in writing that Consultant’s duties under this Contract warrant greater disclosure by
Consultant than was originally contemplated. Consultant shall make disclosures in the time, place and manner set forth in the conflict of interest code and as directed by the City.

13. MATERIALS CONFIDENTIAL:

All of the materials prepared or assembled by Consultant pursuant to performance of this Contract are confidential and Consultant agrees that they shall not be made available to any individual or organization without the prior written approval of the City, except by court order.

14. LIABILITY OF CONSULTANT-NEGligENCE:

Consultant shall be responsible for performing the work under this Contract in a manner which is consistent with the generally-accepted standards of the Consultant’s profession and shall be liable for its own negligence and the negligent acts of its employees, agents, contractors and subcontractors. The City shall have no right of control over the manner in which the work is to be done but only as to its outcome, and shall not be charged with the responsibility of preventing risk to Consultant or its employees, agents, contractors or subcontractors.

15. INDEMNITY AND LITIGATION COSTS:

Consultant shall indemnify, defend, and hold harmless the City, its officers, officials, agents, and employees and volunteers from and against any and all claims, damages, demands, liability, costs, losses and expenses, including without limitation court costs and reasonable attorneys’ fees, arising in any manner by reason of negligent acts or negligent failure to act, errors, omissions or willful misconduct incident to the performance of this Contract on the part of Consultant except such loss or damage which was caused by the sole negligence, or willful misconduct of the City. The provisions of this paragraph shall survive termination or suspension of this Contract.

16. CONSULTANT TO PROVIDE INSURANCE:

A. Consultant shall not commence any work before obtaining, and shall maintain in force at all times during the duration and performance of this Contract the policies of insurance specified in this Section. Such insurance must have the approval of the City as to limit, form, and amount, and shall be placed with insurers with a current A.M. Best’s rating of no less than A:VII (or, in the case of Worker’s Compensation insurance, with the State Compensation Insurance Fund of California).

B. Prior to execution of this Contract and prior to commencement of any work, the Consultant shall furnish the City with original endorsements effecting coverage for all policies required by the Contract. The endorsements shall be signed by a person authorized by the insurer to bind coverage on its behalf. The endorsements are to be on forms provided by the City. As an alternative to the City’s forms, the Consultant’s insurer may, subject to the approval of the City, provide complete, certified copies of all required insurance policies, including endorsements effecting the coverage required by this Section. The Consultant agrees to furnish one copy of each required policy to the City, and additional copies as requested in writing,
certified by an authorized representative of the insurer. Approval of the insurance by the City shall not relieve or decrease any liability of Consultant.

C. In addition to any other remedy the City may have, if Consultant fails to maintain the insurance coverage as required in this Section, the City may obtain such insurance coverage as is not being maintained, in form and amount substantially the same as is required herein, and the City may deduct the cost of such insurance from any amounts due or which may become due Consultant under this Contract.

D. Each insurance policy required by this Contract shall be endorsed to state that coverage shall not be suspended, voided, canceled, terminated by either party, or reduced in coverage or in limits except after thirty (30) days’ prior written notice by certified mail, return receipt requested, has been given to the City.

E. Any deductibles, aggregate limits, pending claims or lawsuits which may diminish the aggregate limits, or self-insured retentions, must be declared to, and approved by, the City.

F. Aggregate Limits/Impairment

If any of the above-required insurance coverages contain annual aggregate limits, you must give the City notice of any pending claim or lawsuit which may diminish the aggregate. You must take steps to restore the impaired aggregates or provide replacement insurance protection. The City has the option to specify the minimum acceptable aggregate limit for each line of coverage required. No substantial reductions in scope of coverage which may affect City’s protection, are allowed without City’s prior written consent.

G. The requirement as to types, limits, and the City’s approval of insurance coverage to be maintained by Consultant are not intended to, and shall not in any manner, limit or qualify the liabilities and obligations assumed by Consultant under the Contract.

H. The Consultant and its contractors and subcontractors shall, at their expense, maintain in effect at all times during the performance of work under the Contract not less than the following coverage and limits of insurance, which shall be maintained with insurers and under forms of policy satisfactory to the City. The maintenance by Consultant and its contractors and subcontractors of the following coverage and limits of insurance is a material element of this Contract. The failure of Consultant or of any of its contractors or subcontractors to maintain or renew coverage or to provide evidence of renewal may be treated by the City as a material breach of this Contract.

I. Worker’s Compensation and Employer’s Liability Insurance.

1. Worker’s Compensation - Insurance to protect the Consultant, its contractors and subcontractors from all claims under Worker’s Compensation and Employer’s Liability Acts, including Longshoremen’s and Harbor Worker’s Act ("Acts"), if applicable. If subcontractors are utilized, such coverage shall be maintained, in type and amount, in strict compliance with all applicable state and Federal statutes and regulations. The Consultant shall
execute a certificate in compliance with Labor Code Section 1861, on the form provided in the
Contract Documents.

2. The insurer shall agree to waive all rights of subrogation against the City for losses arising from work performed by the Consultant.

J. Comprehensive General and Automobile Liability Insurance.

The insurance shall include, but shall not be limited to, protection against claims arising from death, bodily or personal injury, or damage to property resulting from actions, failures to act, or operations of the insured, or by its employees or agents, or by anyone directly or indirectly employed by the insured. The amount of insurance coverage shall not be less than $1,000,000.00 per occurrence.

The comprehensive general liability insurance and the automobile liability insurance coverages shall also include, or be endorsed to include, the following:

1. Provision or endorsement naming the City and the West Sacramento Area Flood Control Agency and each of their officers, employees, and agents, as additional insureds in regards to: liability arising out of the performance of any work under the Contract; liability arising out of activities performed by or on behalf of the Consultant; premises owned, occupied or used by the Consultant; or automobiles owned, leased, hired or borrowed by the Consultant. The coverage shall contain no special limitations on the scope of protection afforded to the City and the West Sacramento Area Flood Control Agency, and each of their officers, officials, employees or volunteers.

2. Provision or endorsement stating that for any claims related to this project, the Consultant’s insurance coverage shall be primary insurance as respects the City and the West Sacramento Area Flood Control Agency, and each of their officers, officials, employees and volunteers to the extent the City and the West Sacramento Area Flood Control Agency is an additional insured. Any insurance or self insurance maintained by the City and the West Sacramento Area Flood Control Agency, and each of their officers, officials, employees or volunteers shall be in excess of the Consultant’s insurance and shall not contribute with it, to the payment or satisfaction of any defense expenses, loss, or judgment.

3. Provision or endorsement stating that any failure to comply with reporting or other provisions of the policies including breaches of representations shall not affect coverage provided to the City and the West Sacramento Area Flood Control Agency, and each of their officers, officials, employees, or volunteers.

4. Provision or endorsement stating that the Consultant’s insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer’s liability.

5. Provision or endorsement stating that such insurance, subject to all of its other terms and conditions, applies to the liability assumed by the Consultant under the
17. MISCELLANEOUS PROVISIONS:

A. Consultant shall keep itself fully informed of, shall observe and comply with, and shall cause any and all persons, firms or corporations employed by it or under its control to observe and comply with, applicable federal, state, county and municipal laws, ordinances, regulations, orders and decrees which in any manner affect those engaged or employed on the work described by this Contract or the materials used or which in any way affect the conduct of the work.

B. Consultant shall not engage in unlawful employment discrimination. Such unlawful employment discrimination includes, but is not limited to, employment discrimination based upon a person’s race, religious creed, color, national origin, ancestry, physical handicap, medical condition, marital status, gender, citizenship, or sexual orientation.

C. Consultant shall maintain and make available for inspection by the City and its auditors accurate records of all of its costs, disbursements and receipts with respect to any work under this Contract. Such inspections may be made during regular office hours at any time until six (6) months after the final payments under this Contract are made to the Consultant.

D. This Contract constitutes the entire agreement between the parties relative to the services specified herein and no modification hereof shall be effective unless and until such modification is evidenced by a writing signed by both parties to this Contract. There are no understandings, agreements, conditions, representations, warranties or promises, with respect to this Contract, except those contained in or referred to in the writing.

E. All notices that are required to be given by one party to the other under this Contract shall be in writing and shall be deemed to have been given if delivered personally or enclosed in a properly addressed envelope and deposited in a United States Post Office for delivery by registered or certified mail addressed to the parties at the following addresses:

City: Michael W. Bessette, P.E.
City of West Sacramento
1110 West Capitol Avenue, 2nd floor
West Sacramento, CA 95691

Consultant: George Sills, P.E.
George Sills Geotechnical Engineering Consultants, LLC
470 Dogwood Lake Drive
Vicksburg, MS 39183

August 11, 2011
F. This Contract shall be interpreted and governed by the laws of the State of California.

G. Any action arising out of this Contract shall be brought in Yolo County, California, regardless of where else venue may lie.

H. In any action brought by either party to enforce the terms of this Contract, each party shall bear responsibility for its attorney's fees and all costs regardless of whether one party is determined to be the prevailing party.

CITY OF WEST SACRAMENTO

By: _____________________________
    Christopher Cabaldon, Mayor

ATTEST:

By: _____________________________
    Kryss Rankin, City Clerk

APPROVED AS TO FORM:

By: _____________________________
    Robert E. Murphy, City Attorney

George Sills Geotechnical Engineering Consultant, L.L.C.

By: _____________________________
    George Sills, P.E.
    Title:
CERTIFICATE OF COMPLIANCE WITH LABOR CODE § 3700
[Labor Code § 1861]

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

CONSULTANTS

By:

[Title]
Consultant Questionnaire

Definition of a Consultant is found in Section 18702 of Regulations of the Fair Political Practices Commission, Title 2, division 6 of the California Code of Regulations.

Consultants, as defined by Section 18701, are required to file an Economic Interest Statement (Form 700) within 30 days of signing a Consultant Agreement with the City, on an annual basis thereafter if the contract is still in place, and within 30 days of completion of the contract.

Company Name (Agreement Date)

Name of Consultant*

(First Name) (Middle Initial) (Last Name)

Company address

City, State, Zip

Contracting City Dept.

Estimated Date of Project Completion

A. Will consultant make governmental decision whether to

1. Approve a rate, rule, or regulation? Yes ☐ No ☐
2. Adopt or enforce a law? Yes ☐ No ☐
3. Issue, deny, suspend, or revoke any permit, license, application, certificate, approval, order, or similar authorization or entitlement? Yes ☐ No ☐
4. Authorize the agency to enter into, modify, or renew a contract provided it is the type of contract which requires agency approval? Yes ☐ No ☐
5. Grant agency approval to a contract which requires agency approval and in which the agency is a party or to the specifications for such a contract? Yes ☐ No ☐
6. Grant agency approval to a plan, design, report, study, or similar item? Yes ☐ No ☐
7. Adopt, or grant agency approval of, policies, standards, or guidelines for the agency, or for any subdivision thereof? Yes ☐ No ☐

B. Will the consultant serve in a staff capacity with the City and in that capacity perform the same or substantially all the same duties for the City that would otherwise be performed by an individual holding a position specified in the City’s Conflict of Interest Code?

Will consultant manage public investments? Yes ☐ No ☐

Name of Person Completing Questionnaire ____________________________ Date ____________________________

*If other individuals will be working on the contract, a form should be completed for each person to determine filing obligation.

If the answer to any of the above questions is “yes,” please forward completed questionnaire to the City Clerk for final filing determination.
1.0 General

1.1 The goal of the West Sacramento Levee Improvement Program (Project) is to significantly reduce the risk of flooding with the specific objective of providing 200 year protection as required by recent State legislation (SB 5). The project must undergo a Type II Independent External Peer Review or Safety Assurance Review (SAR) set out under Section 2035 of WRDA 2007 prior to submission of the 408 request for approval to the HQUSACE. To this end, a Board of Senior Consultants (BOSC) has been formed with the objective of reviewing the technical supporting documentation and plans and specifications including but not limited to; problem identification report, development of alternatives, hydraulics report, and design of levee improvements. The focus will be in evaluating the Project as a system to ensure it meets the intended objectives of providing 200 year protection. The BOSC will also assist in resolving technical issues related to design of the project. The BOSC will provide input to the design team and facilitate the interface between design features and design teams. In addition, members of the BOSC may coordinate with agencies during the review process.

West Sacramento Area Flood Control Agency (WSAFCA) desires a review of the critical elements of the Project to assure that the improvements achieve the intended objective and meets the USACE SAR standards.

1.2 The BOSC will need to review information related to the following project elements within their area of expertise: Geotechnical reports and documentation, Hydraulics and Hydrologic reports and documentation, Design level reports including but not limited to Basis of Design Reports and Plans and Specifications.

1.3 The following parties will comprise the Board of Senior Consultants:
   George Sills, PE, GE
   David T. Williams, PhD, PE, DWRE
   Ray Martin, PE

2.0 Scope of Work Tasks

2.1 Serve as a member of the BOSC and provide the following services:

2.1.1 Review scopes of work provided to WSAFCA to assure that the information and documentation being developed will be adequate to meet applicable regulatory agency standards.
2.1.2 Review the hydraulic model including assumptions on upstream levee failures and anticipated system improvements that should be considered in the modeling (such as all upstream urban areas being improved to 200 year and rural areas being restored to 1957 design).

2.1.3 Work with the WSAFCA design team members to resolve technical issues with the Corps and DWR.

2.1.4 Attend and participate in at least five two day meetings per year of the BOSC to review the project progress. These meetings will be scheduled to coincide with the completion of the project documents at major milestones. The following activities are anticipated for each meeting:

2.1.4.1 WSAFCA will send a briefing document to the BOSC at least ten working days prior to the meeting. The briefing document will summarize the key information related to the design, contain a list of specific questions the BOSC shall address, and an agenda for the meeting.

2.1.4.2 Request additional information from WSAFCA as needed to perform an adequate review.

2.1.4.3 Meet with other BOSC members for a two- to three-day period at the City of West Sacramento City Hall and job site in West Sacramento, California. The meeting duration will depend on the agenda to be covered. Complete the following activities at each meeting:

a) Attend presentation by the project designer(s) summarizing the design performed to date. Ask questions and obtain information from designer and others as necessary at the meeting.

b) Meet independently with other BOSC members to discuss the design to date. Develop answers to the questions posed by the project team, comments on the design, and recommendations the BOSC deems appropriate. Prepare a draft report summarizing the BOSC findings and recommendations.

c) Present findings and recommendations of the BOSC and project team at the conclusion of the meeting. Answer questions as necessary to clarify BOSC findings and recommendations.
d) Prepare and submit final written report summarizing findings and recommendations after dialogue with the project designers. Incorporate pertinent discussions, questions, answers, findings, and recommendations for presentation to the project team. To the extent feasible, an administrative aide will be used in the development of reports.

2.2 WSAFCA will provide the BOSC with:

2.2.1 Support person to prepare minutes of joint-session meetings of the BOSC, agencies, and others.

2.2.2 A private meeting room in which the BOSC can conduct its work.

2.2.3 Staff to assist with preparation of BOSC reports.

2.2.4 A tour of the project site near the start of the design review process and as necessary during the period of performance.

3.0 Extended Services

3.1 Provide other miscellaneous specialty services as requested by WSAFCA. Extended services may include services not specifically defined above, but may be required to complete the Project, including but not limited to providing:

3.1.1 Support WSAFCA at meetings with regulatory agencies.

3.1.2 Support WSAFCA in litigation, if required, and be available as an expert witness exclusively to WSAFCA.

3.1.3 Support WSAFCA during the construction phase of the project.