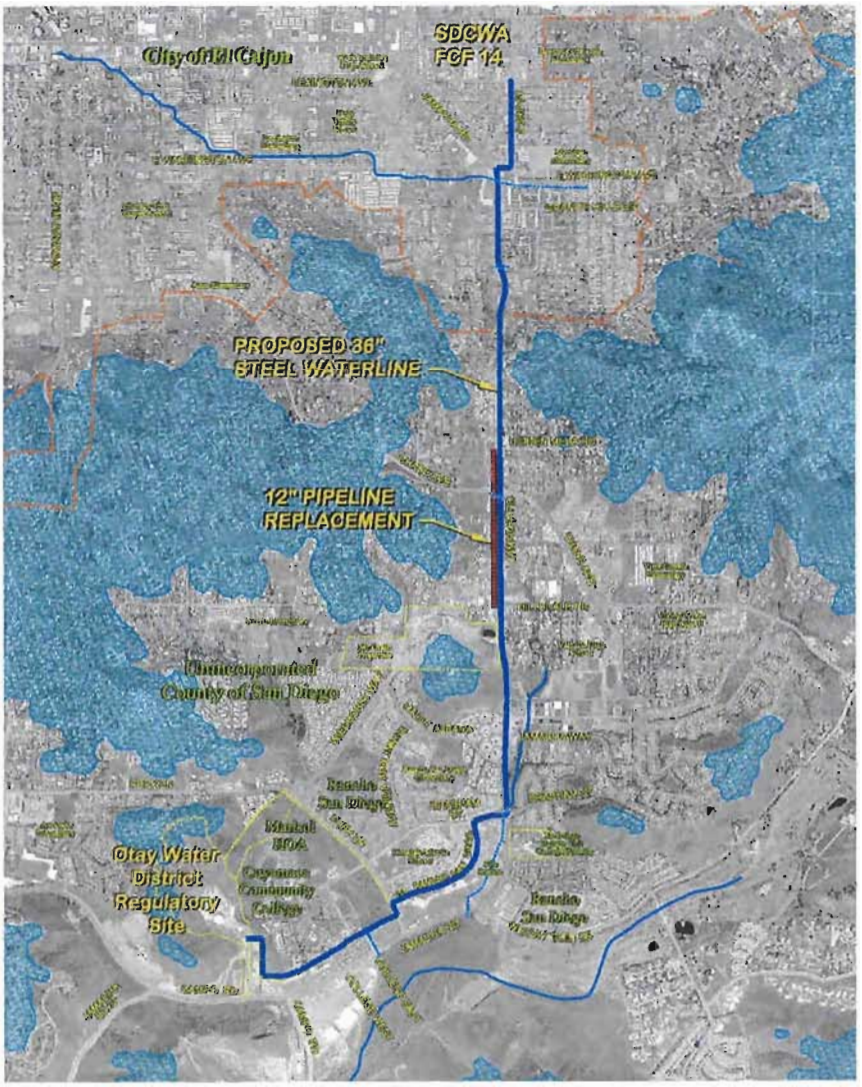
OTAYWATERDISTRICT

CONSULTANT SELECTION PROCESS

Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Regulatory Site

CIP P2009



Rod Posada, Chief, Engineering
Ron Ripperger, Engineering Manager

Board of Directors Meeting
January 2, 2008

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OTAY WATER DISTRICT **BOARD OF DIRECTORS POLICY**			
Subject POLICY FOR SELECTION OF PROFESSIONAL CONSULTANTS	Policy Number 21	Date Adopted 8/1/90	Date Revised 3/13/06

I. PURPOSE

The purpose of this policy is to establish procedures governing the selection of professional consultants in the performance of District work.

II. SCOPE

This policy is applicable to all District departments and offices directly responsible to the General Manager.

III. POLICY

For the purpose of this policy, "professional consultants" means any "Firm" qualified and authorized to provide "architectural, landscape architectural, engineering, environmental, and land surveying services" or "construction project management" or "environmental services," as each of those terms or services is defined in the California Government Code, commencing with Section §4525, as hereinafter amended or renumbered (the "Professional Services Provisions")

This Policy provides a method and procedure pursuant to which professional consultants in engineering, architectural, landscape architectural, environmental, land surveying and construction management, including plan checking, inspection, and projects requiring a special expertise, may be retained from the private sector to augment the District's professional capabilities or for the performance of specialized services not available to the District from the existing District work force.

Services provided to the District by professional consultants may cover a wide range of professional activity including but not limited to studies, special reports, design and related activities on such projects as pipelines, pump stations, reservoirs, planning studies and other expert testimony capabilities.

Pursuant to the Professional Services Provisions, and particularly the provisions of the California Government Code Section §4526, the Otay Water District may adopt procedures that assure that professional services are engaged on the basis of demonstrated competence and qualifications for the types of services to be performed and at fair and reasonable prices. Furthermore, maximum participation of small business firms, as defined in Government Code Section 14837, and disadvantaged business enterprises (DBEs) shall be encouraged. Government Code Section 14837 defines "small business" as a business in which the principal office is located in California and the officers of such business are domiciled in

California, which is independently owned and operated and which is not dominant in its field of operation.

IV METHOD OF SELECTION OF PROFESSIONAL CONSULTANTS

A. Major Projects - Anticipated Fee Greater than $200,000

1. The District will advertise in at least one local newspaper of general circulation, on the District's webpage, and through CWA's Small Contractor Outreach and Opportunities Programs, and any other medium deemed appropriate by the project manager, before a Request for Proposal (RFP) is issued. Interested parties will be required to submit a Letter of Interest and a Statement of Qualifications within the time frame specified in the publication The "Statement of Qualifications" shall be a written document, shall contain background information on the firm that is current as of the date of submission of the statement and must highlight the work, expertise and experience that qualify the firm to undertake the work required by the District, as such work is described in the publication.

2. All parties who submit Letters of Interest and a Statement of Qualifications, and are deemed qualified as a result of the Statement of Qualifications process, will receive a copy of the RFP. Proposals will only be accepted from those firms that submitted the Letter of Interest and the Statement of Qualifications within the time-frame specified in the publication. The form of the proposal will be prescribed by the District. If a firm has submitted a Statement of Qualifications within a calendar year and the qualifications remain correct and accurate, then only a letter of interest will suffice.

3. The General Manager and the appropriate department head(s) shall approve the selection criteria and the associated weighing factor to be used in evaluating the proposals accepted by the District in accordance with Paragraph 2, above. The General Manager, or his/her designee, shall appoint a review panel of no fewer than five qualified staff to review and evaluate the proposals, and to rank the firms in the order from most qualified to least qualified. The panel will interview only those firms which in the panel's opinion appear to have the most desirable qualifications. If in the opinion of the panel none of the firms are qualified, all proposals may be rejected. In the event of an

unusual project which poses special problems beyond the scope previously encountered by staff personnel, the review panel may be augmented by an unbiased, qualified member of the profession being considered, so long as he/she has not and will not submit a proposal.

4. If a firm is rejected on the basis of its proposal, and is not asked to appear for an interview, the firm may appeal the decision by submitting a protest to the General Manager or his/her designee. A copy of the proposal shall be submitted with the protest. The protest shall be filed within five business days of the rejection notification. The protest shall provide a compelling reason why the firm believes the original proposal contained all relevant experience or other requested information. If the General Manager, or his/her designee, concurs with the appellant, the firm shall be added to the interview list.

5. Immediately upon conclusion of oral interviews, the review panel's oral scores will be combined with the written proposals scores and shall designate the order of preference of the candidates.

6. The department head designated by the General Manager, or his/her designee, shall commence negotiations of an agreement with the first choice of the review panel for the extent of service to be rendered and the compensation. If agreement is not reached within a reasonable time, the department head shall terminate the negotiations with the first choice and shall open negotiations with the second choice of the review panel and so on until a firm is retained or the list of selected firms is exhausted. Professional societies and organizations have published schedules of fees for professional services which may be used as a guide following adjustment to reflect the actual scope of work expected of the firm selected.

B. <u>Intermediate Projects - Fees of $50,000 to $200,000</u>

1. The process for selecting consultants for intermediate projects shall be the same as prescribed in Sections IV-A and V of this policy, with the exception of formal interviews of the highest ranked consultants which are not required, and subject to other applicable exceptions described below.

C. Minor-Intermediate Projects - Fees of $5,000 to $50,000

1. The process for selecting consultants for minor-intermediate projects shall be the same as prescribed in Sections IV-B and V of this policy, with the exception of advertisement in a paper of major circulation, and subject to other applicable exceptions described below.

D. Minor Projects - Fees Less than $5,000

1. The process for selecting consultants for minor projects shall be in accordance with the Purchasing Manual as adopted by the Board.

V. PROCEDURAL REQUIREMENTS FOR SELECTION OF CONSULTANTS FOR MAJOR, INTERMEDIATE AND MINOR-INTERMEDIATE PROJECTS

1. The appropriate department head receives proposals from all interested parties; which are defined as consultants that have submitted a Letter of Interest and a Statement of Qualifications as defined in Section IV-A-1.

2 The evaluating panel shall consider the qualifications and demonstrated experience of the prospective consultants as well as the fee proposed by each firm to provide the services as requested in the RFP. The panel will determine which firm offers the best value for the work required. Such determination will be made with due consideration to all factors including the qualifications, approach to the scope of work, and experience of the consultant, relative to the project as measured in the score matrix. The weight assigned to each factor under consideration will be reflected in the score matrix included in the RFP.

3. A review panel is appointed in accordance with this policy Review panel member names are not made available to consultants prior to a call for interview.

4. The first choice of the review panel is called for negotiation. If an agreement cannot be negotiated, the first choice will be dismissed from further consideration on that particular project. Following the dismissal of the first choice, negotiations will commence with the second.

5. A successful negotiation shall result in presentation by the department head to the General Manager, or his/her designee, of a professional agreement signed by the selected firm The agreement may provide for differing methods of compensation based upon the type of work to be performed. "Per diem" or "hourly" compensation is the general rule when specific scope

of work is yet to be determined. This type of compensation should carry a stated maximum amount which will not be exceeded except by prior District approval Fixed-fee or cost-plus-fixed-fee compensation is commonly used after scope of work has been explicitly identified. Compensation is paid as services are performed rather than in advance.

6. All contracts in excess of the amount authorized by the Board to the General Manager, or his/her designee, in accordance with Section 2.01 of the District's Code of Ordinances, shall be submitted to the Board for consideration.

7. All agreements for professional services shall provide for the management phase of the resulting contract. A single project manager shall be designated by the consultant and a liaison manager shall be designated by the District for purposes of contract administration.

8. Late responses or untimely responses by prospective candidates should not be considered for further action. The ability to respond to a publication or an invitation for consideration in a timely and responsive manner is essential to a future satisfactory contract relationship.

9. All proposed contracts shall be reviewed by the District's Legal Counsel and approved as to form prior to presentation to the General Manager or his/her designee.

10. The department head shall insure that other departments which have a proper interest in the work under consideration are kept informed as to the progress of the work and that user decisions and desires are constructively considered within the constraints of financial and practical limitations.

CALIFORNIA CODES
GOVERNMENT CODE
SECTION 14837

14837. As used in this chapter:
(a) "Department" means the Department of General Services
(b) "Director" means the Director of General Services.
(c) "Manufacturer" means a business that is both of the following:

(1) Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.
(2) Classified between Codes 2000 to 3999, inclusive, of the Standard Industrial Classification (SIC) Manual published by the United States Office of Management and Budget, 1987 edition
(d) (1) "Small business" means an independently owned and operated business that is not dominant in its field of operation, the principal office of which is located in California, the officers of which are domiciled in California, and that, together with affiliates, has 100 or fewer employees, and average annual gross receipts of ten million dollars ($10,000,000) or less over the previous three years, or is a manufacturer, as defined in subdivision (c), with 100 or fewer employees.
(2) "Microbusiness" is a small business that, together with affiliates, has average annual gross receipts of two million five hundred thousand dollars ($2,500,000) or less over the previous three years, or is a manufacturer, as defined in subdivision (c), with 25 or fewer employees.
(3) The director shall conduct a biennial review of the average annual gross receipt levels specified in this subdivision and may adjust that level to reflect changes in the California Consumer Price Index for all items. To reflect unique variations or characteristics of different industries, the director may establish, to the extent necessary, either higher or lower qualifying standards than those specified in this subdivision, or alternative standards based on other applicable criteria.
(4) Standards applied under this subdivision shall be established by regulation, in accordance with Chapter 3 5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2, and shall preclude the qualification of businesses that are dominant in their industry. In addition, the standards shall provide that the certified small business or microbusiness shall provide goods or services that contribute to the fulfillment of the contract requirements by performing a commercially useful function, as defined below:
(A) A certified small business or microbusiness is deemed to perform a commercially useful function if the business does all of the following:
(i) (I) Is responsible for the execution of a distinct element of the work of the contract
(II) Carries out its obligation by actually performing, managing, or supervising the work involved.
(III) Performs work that is normal for its business services and functions.
(ii) Is not further subcontracting a portion of the work that is greater than that expected to be subcontracted by normal industry practices.
(B) A contractor, subcontractor, or supplier will not be

considered to perform a commercially useful function if the contractor's, subcontractor's, or supplier's role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of small business or microbusiness participation.

(e) "Disabled veteran business enterprise" means an enterprise that has been certified as meeting the qualifications established by subdivision (g) of Section 999 of the Military and Veterans **Code**.

CALIFORNIA CODES
GOVERNMENT CODE
SECTION 4525-4529.5

4525. For purposes of this chapter, the following terms have the following meaning:

(a) "Firm" means any individual, firm, partnership, corporation, association, or other legal entity permitted by law to practice the profession of architecture, landscape architecture, engineering, environmental services, land surveying, or construction project management.

(b) "State agency head" means the secretary, administrator, or head of a department, agency, or bureau of the State of California authorized to contract for architectural, landscape architectural, engineering, environmental, land surveying, and construction project management services.

(c) "Local agency head" means the secretary, administrator, or head of a department, agency, or bureau of any city, county, city and county, whether general law or chartered, or any district which is authorized to contract for architectural, landscape architectural, engineering, environmental, land surveying, and construction project management services.

(d) "Architectural, landscape architectural, engineering, environmental, and land surveying services" includes those professional services of an architectural, landscape architectural, engineering, environmental, or land surveying nature as well as incidental services that members of these **professions** and those in their employ may logically or justifiably perform.

(e) "Construction project management" means those services provided by a licensed architect, registered engineer, or licensed general contractor which meet the requirements of Section 4529.5 for management and supervision of work performed on state construction projects.

(f) "Environmental services" means those services performed in connection with project development and permit processing in order to comply with federal and state environmental laws "Environmental services" also includes the processing and awarding of claims pursuant to Chapter 6.75 (commencing with Section 25299.10) of Division 20 of the Health and Safety **Code**.

4526. Notwithstanding any other provision of law, selection by a state or local agency head for professional services of private architectural, landscape architectural, engineering, environmental, land surveying, or construction project management firms shall be on the basis of demonstrated competence and on the professional qualifications necessary for the satisfactory performance of the services required. In order to implement this method of selection, state agency heads contracting for private architectural, landscape architectural, professional engineering, environmental, land surveying, and construction project management services shall adopt by regulation, and local agency heads contracting for private architectural, landscape architectural, professional engineering, environmental, land surveying, and construction project management services may adopt by ordinance, procedures that assure that these services are engaged on the basis of demonstrated competence and qualifications for the types of services to be performed and at fair and reasonable prices to the public agencies. Furthermore, these procedures shall assure maximum participation of small business firms, as defined by the Director of General Services pursuant to

Section **14837**.

In addition, these procedures shall specifically prohibit practices which might result in unlawful activity including, but not limited to, rebates, kickbacks, or other unlawful consideration, and shall specifically prohibit **government** agency employees from participating in the selection process when those employees have a relationship with a person or business entity seeking a contract under this section which would subject those employees to the prohibition of Section 87100.

4526 5. A state agency head entering into a contract pursuant to this chapter shall, in addition to any other applicable statute or regulation, also follow Section 6106 of the Public Contract **Code**.

4527. In the procurement of architectural, landscape architectural, engineering, environmental, land surveying, and construction project management services, the state agency head shall encourage firms engaged in the lawful practice of their profession to submit annually a statement of qualifications and performance data.

(a) When the selection is by a state agency head, statewide announcement of all projects requiring architectural, landscape architectural engineering, environmental, land surveying, or construction project management services shall be made by the agency head through publications of the respective professional societies. The agency head, for each proposed project, shall evaluate current statements of qualifications and performance data on file with the agency, together with those that may be submitted by other firms regarding the proposed project, and shall conduct discussions with no less than three firms regarding anticipated concepts and the relative utility of alternative methods of approach for furnishing the required services and then shall select therefrom, in order of preference, based upon criteria established and published by him or her, no less than three of the firms deemed to be the most highly qualified to provide the services required.

(b) When the selection is by a local agency head, the agency head may undertake the procedures described in subdivision (a). In addition, these procedures shall specifically prohibit practices which might result in unlawful activity including, but not limited to, rebates, kickbacks, or other unlawful consideration, and shall specifically prohibit **government** agency employees from participating in the selection process when these employees have a relationship with a person or business entity seeking a contract under this section.

4528. (a) When the selection is by a state agency head the following procedures shall apply:

(1) The state agency head shall negotiate a contract with the best qualified firm for architectural, landscape architectural, engineering, environmental, land surveying, and construction project management services at compensation which the state agency head determines is fair and reasonable to the State of California or the political subdivision involved.

(2) Should the state agency head be unable to negotiate a satisfactory contract with the firm considered to be the most qualified, at a price the agency head determines to be fair and reasonable to the State of California or the political subdivision involved, negotiations with that firm shall be formally terminated The state agency head shall then undertake negotiations with the second most qualified firm Failing accord with the second most qualified firm, the state agency head shall terminate negotiations

The state agency head shall then undertake negotiations with the third most qualified firm.

(3) Should the state agency head be unable to negotiate a satisfactory contract with any of the selected firms, the state agency head shall select additional firms in order of their competence and qualification and continue negotiations in accordance with this chapter until an agreement is reached.

(b) When the selection is by a local agency head, the local agency head may undertake the procedures described in subdivision (a).

4529. This chapter shall not apply where the state or local agency head determines that the services needed are more of a technical nature and involve little professional judgment and that requiring bids would be in the public interest.

4529.5. Any individual or firm proposing to provide construction project management services pursuant to this chapter shall provide evidence that the individual or firm and its personnel carrying out onsite responsibilities have expertise and experience in construction project design review and evaluation, construction mobilization and supervision, bid evaluation, project scheduling, cost-benefit analysis, claims review and negotiation, and general management and administration of a construction project.

ADVERTISEMENT
FOR
CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES FOR THE 36 INCH PIPELINE, SDCWA FCF NO. 14 TO THE OTAY REGULATORY SITE
P2009

The Otay Water District (District) will require the services of a construction management and inspection firm (Consultant) to provide construction management and inspection for the 36 Inch Pipeline, SDCWA FCF No. 14 to the Otay Regulatory Site. The project consists of approximately five miles of 36-inch steel potable water pipeline. The 36-inch pipeline will convey water from the Otay No. 14 FCF located on the northwest corner of S. Third Street and E. Lexington Avenue in El Cajon, CA to the 640-1 and 640-2 Reservoirs located at the District Regulatory Site at 11880 Campo Road, Spring Valley, CA.

The project also includes approximately 3,500-feet of new 12-inch PVC pipe to replace the existing 12-inch corroded steel pipe. This pipeline is located along Jamacha Road between Hidden Mesa Road and Hillsdale Road and separates two pressure zones of 978-feet and 803-feet.

The construction period is expected to bed July 2008 – February 2010.

Interested candidates are required to e-mail a Letter of Interest and a Statement of Qualifications (SOQ) to Ken Simmons, P.E., at ken.simmons@otaywater.gov. If a firm has submitted a SOQ to the District within the calendar year and the qualifications remain current and accurate, then only a Letter of Interest is required.

Deadline to submit Letter of Interest and SOQ will be at 5:00 p.m., on Friday, September 28, 2007. Technical questions should be referred to the Otay Water District Project Manager, Ken Simmons, P.E. at (619) 670-2725.

Schedule for selection of consultant:

Letter of Interest and SOQ due	September 28, 2007, 5:00 PM
Pre-Proposal Meeting	October 12, 2007, 10:00 AM
Proposal Due Date	October 19, 2007, 5:00 PM
Interviews	Second Week of November, TBD
Award of Contract	January 2008

Dated this 14th day of September, 2007.

Rod Posada, P.E., P.L.S.
Chief of Engineering
OTAY WATER DISTRICT

REQUEST FOR PROPOSAL
TO PROVIDE

CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES FOR THE PIPELINE – 36 INCH, SDCWA FCF NO. 14 TO OTAY REGULATORY SITE P2009

PROPOSAL DUE DATE & TIME:
October 22, 2007
1:00 PM

OTAY WATER DISTRICT
2554 SWEETWATER SPRINGS BOULEVARD
SPRING VALLEY, CALIFORNIA 91978-2096

DATE: October 2, 2007

ROD POSADA, P.E.
Chief, Engineering
(619) 670-2293

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REQUEST FOR PROPOSAL

I. INTRODUCTION

Otay Water District (District) is a publicly owned water and sewer service agency serving the needs of approximately 186,000 people in a 125.5 square mile area encompassing the communities of southern El Cajon, La Mesa, Rancho San Diego, Jamul, Spring Valley, Bonita, Eastern Chula Vista, EastLake, and Otay Mesa along the international border with Mexico. It is a California special district authorized under the provisions of the Municipal Water District Act of 1911 and is revenue neutral, i.e., each end user pays their fare share of the District's costs of water acquisition and the operation and maintenance of its facilities.

All of the potable water delivered by the District is purchased from the San Diego County Water Authority. The District also owns and operates a wastewater collection and reclamation system providing sewer service to approximately 6,000 homes and businesses within the Jamacha drainage basin.

The Board of Directors approved a $34.5 million dollar Capital Improvement Program (CIP) for fiscal year 2008 to meet the District's projected growth and to improve overall system efficiency and reliability.

II. PROJECT DESCRIPTION & SCHEDULE

The District will require the services of an engineering consulting firm (Consultant) to provide construction management and inspection services for the 36-Inch Pipeline project (Project). See Exhibit A for a map of the District's Project area. The current schedule of expectations is as follows:

Letter of interest and SOQ due date	September 28, 2007
Draft RFP Delivery	October 2, 2007
Recommended pre-proposal meeting	October 10, 2007, at 1:30 p.m.
Final RFP Delivery	October 12, 2007
Proposal due date	October 22, 2007, by 1:00 p.m.
Interview notification	November 1, 2007
Presentation and interview date	November 16, 2007
Committee Meeting	December 13, 2007
Board Meeting & Approval	January 1, 2007
Award of construction management contract	January 2, 2008

An electronic copy of the preliminary design report and 30% design drawings are available at the District.

The District also utilizes the Water Agencies' Standards (WAS) which can be obtained at www.sdwas.com.

Ken Simmons is designated as the District's Project Manager to provide coordination and review of the professional services provided by the Consultant. The District reserves the right to appoint a different District Project Manager at any time.

A recommended pre-proposal meeting will be held at the District's administrative offices at 1:30 p.m. on October 10, 2007, to give an overview of the project and to address any questions. Individual meetings with consultants to discuss the Request for Proposal (RFP) or the Project can be scheduled. Any clarification, amendment, or changes to the RFP will be in writing and emailed to all consultants proposing on the Project.

The District will notify all consultants proposing on the Project of the outcome after the final selection has been made.

III. TYPE OF CONTRACT

The Consultant selected to provide the professional services will enter into an agreement (sample agreement provided in Exhibit B) subject to negotiation after the firm has been selected. Any changes to the sample agreement proposed by the Consultant shall be submitted in response to this RFP. No additional changes will be considered after the proposal due date.

The Consultant will be allowed a maximum 5% markup on each tiered subconsultant's work. A maximum markup of 10% will be allowed on all reimbursable costs. Reimbursable costs are defined as only mileage, phone charges, printing costs, and courier services.

IV. CONSULTANT'S QUALIFICATIONS AND EXPERIENCE

The Consultant must have been the Project Manager on at least three (3) projects similar in magnitude and complexity to the Project. The assigned Principal-in-Charge and Project Manager may be Registered Professionals or have professional affiliations in their field of expertise within the State of California.

All Consultants' team members must be listed in the proposal including tiered consultants who will provide special professional services. Their qualifications and experience must be comparable to that of the Consultant.

V. SCOPE OF SERVICES

The draft scope of services to be provided by the Consultant is outlined in detail in Exhibit C. The final scope of services will be provided on October 12, 2007. Any changes discussed at the preproposal meeting or received from consultants will be considered to be included in the final scope of services. The intent of this scope of services is for the consultant to provide Construction Management and Inspection Services for the Project. Each consultant submitting a proposal on the Project is encouraged to provide comments and recommendations for changes, additions or deletions to the scope of services requested.

VI. PROPOSAL REQUIREMENTS

Each consultant shall submit eight (8) copies of the proposal to the District Project Manager no later than the proposal due date. Any consultant that does not submit their proposal by the time and date required in this request for proposal will be considered non-responsive.

Proposals shall be submitted in a sealed package with the following information clearly marked on the outside of the package:

- Name of Responder
- Project Title
- The word "Proposal"

Proposals should be concise, well organized, and demonstrate the qualifications and experience applicable to the contract. Proposals will be limited to 30 single-sided pages maximum including resumes, dividers, cover, and back. Proposals submitted in response to this RFP shall include the following information as a minimum:

1. Executive Summary – Include a brief overview describing the proposal and discuss the firm's overall approach to a typical on-call project.

2. Describe project organization, including identification and responsibilities of key personnel. Indicate the responsibilities of all sub-consultants.

3. Provide descriptions of the specific experience and qualifications of the designated Principal-In-Charge, Project Manager and support staff related to the outlined Scope of Work. Provide resumes of key staff that will be performing services for the District. Resumes shall include relevant experience, education, licenses, and certifications and each resume shall not exceed two pages in length.

4. Describe the proposed line-of-communication between the District, the Consultant and sub-consultants. Address approach to team integration to ensure timely responses to District's requests.

5. A summary of Consultant's qualifications following the format in Exhibit D which shall clearly identify the Consultant's qualifications and the project team's experience on similar projects. Provide contact names and phone numbers for at least three (3) of the projects listed in Exhibit D that will serve as references. The District requires at least three responsive references to evaluate performance on past projects.

6. Provide discussion of the Consultant's overall QA/QC program. Provide discussion on how the QA/QC program manages sub-consultant's efforts to ensure technical accuracy and successful completion of the work.

7. A cost proposal following the format shown in Exhibit E, which shall clearly show the estimated hours and expenses for each task defined by the Consultant, including those of all sub-consultants to complete the scope of work. If tiered sub-consultants are part of the project team, they must be listed under the task they perform.

8. Hourly billing rate schedules for the Consultant and tiered sub-consultants, including overhead, profit, and expenses. Only items such as mileage, cellular phone, and printing are considered direct costs for which the Consultant will be reimbursed with a 10 percent mark-up.

9. Provide a statement that all work will be performed on a time and materials basis "not-to-exceed" the contract price and acknowledging that no additional compensation will be received beyond price negotiated for each task (task order) to be performed unless changes are approved in advance by a change order signed by the District.

10. The selected Consultant may be asked to sign a "Conflict of Interest" Form No. 700.

11. Provide evidence of insurance in at least the following amounts:

    a. Workers compensation and employer's liability insurance – Workers compensation in compliance with the applicable state and federal laws; employer's liability with a limit of $1,000,000 per occurrence.

    b. Comprehensive general liability insurance – insurance including blanket contractual, broad form property damage, completed operations, and independent contractor's liability, all applicable to personal injury, bodily injury, and property damage to a limit of $1,000,000 per occurrence and $2,000,000 aggregate.

    c. Comprehensive automobile liability insurance – List name(s) of insurance providers for comprehensive automobile liability insurance and amount. (Must include owned, hired, and non-owned automobiles, for bodily injury and property damage to a combined single limit of $1,000,000 each occurrence.)

d. Professional liability (errors & omissions) insurance affording professional liability insurance – To a limit of $3,000,000 each claim, and $3,000,000 aggregate.

12. Liability policies will be endorsed to name the District, its officers, and employees as "additional insured's" under said insurance coverage and state that such insurance will be deemed "primary" such that any other insurance carried by the District will be excess thereto. Provide a statement that the District will be named as an additional insured. In the cancellation clause of the Consultant's Insurance Certificate, some wording is not acceptable to the District. See sample Professional Services Agreement Insurance Form for deletion of wording.

13. Name, title, address, and telephone number of individual(s) authorized to negotiate, represent, and contractually bind the Consultant. Legal name, address and form of the company (partnership, corporation, joint venture, etc.) and identification of the parent company (if applicable);

14. Provide a statement that the consultant has reviewed the attached professional services agreement, can meet the requirements of the agreement, and is willing to enter into an agreement with the District.

15. List and provide satisfactory evidence validating the Consultant's status as a Disadvantaged Business Enterprise (DBE), Emerging Business Enterprise (EBE), Minority Business Enterprise (MBE), Small Business Enterprise (SBE) or Women Business Enterprise (WBE).

VII. CRITERIA FOR CONSULTANT SELECTION

The following factors will be considered in the consultant selection process and consultants will be rated with a total of 150 points maximum score. See Exhibit F for an example of the Summary of Proposal Rankings by Panel Members. The Consultant's proposal will be limited to thirty (30) single-sided pages maximum (including resumes, dividers, cover, and back) for the ease and review of the panel members. The District reserves the right to reject all proposals and terminate or postpone the Project.

1. Written Proposal (100 Points)
   a. Qualifications and experience of the Consultant's personnel assigned (15 points).
   b. Experience relevant to the type of project being considered (15 points).
   c. Proposed method(s) to accomplish work (10 points).
   d. Knowledge of jurisdictional agencies and local area environmental concerns and regulatory requirements (10 points).
   e. Ability to complete the project on schedule (10 points).
   f. Completeness of proposal in addressing all of the Proposal Requirements (15 points).

g. Proposed fee (20 points).
h. Consultant's commitment to emerging business enterprises (EBE) and disadvantaged business enterprise (DBE), minority business enterprise (MBE), and small business enterprise (SBE) (5 Points).

2. Oral Interview (50 Points)
   a. Additional creativity and insight to issues and scope additions to improve construction management on the project (10 points).
   b. Understanding of scope, schedule, and resources (10 points).
   c. Strength of Project Manager (10 points).
   d. Presentation and communication skills (10 points).
   e. Quality of response to questions (10 points).

3. References
   a. References will be checked for the top ranked Consultant. Overall performance must be excellent as judged by the District Project Manager on at least three projects completed by the Consultant within the last five years.

VIII. PROPOSAL DEADLINE

The proposal for the services described in this RFP must be submitted to the District by 1:00 p.m. on October 22, 2007. Please submit your proposal to:

Otay Water District
ATTN: Ken Simmons, P.E.
Project Manager
2554 Sweetwater Springs Boulevard
Spring Valley, California 91978-2004

Consultants may contact Ken Simmons at (619) 670-2725 with any questions regarding the services requested in this scope.

EXHIBITS

EXHIBIT A

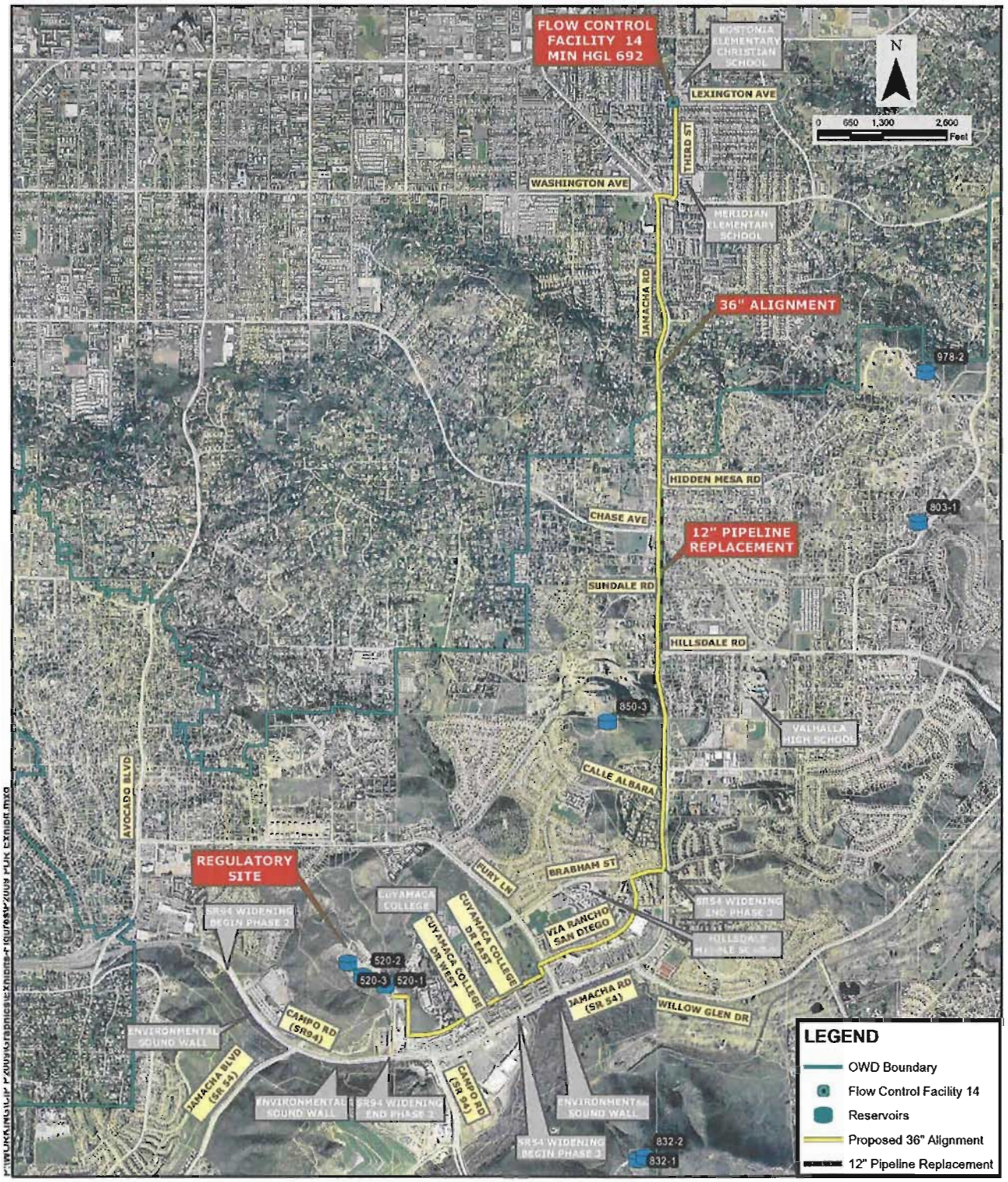
FLOW CONTROL FACILITY 14 MIN HGL 692
BONITA ELEMENTARY CHRISTIAN SCHOOL
LEXINGTON AVE
N
0 650 1,300 2,600 Feet
THIRD ST
WASHINGTON AVE
MERIDIAN ELEMENTARY SCHOOL
JAMACHA RD
36" ALIGNMENT
978-2
HIDDEN MESA RD
803-1
CHASE AVE
12" PIPELINE REPLACEMENT
SUNDALE RD
HILLSDALE RD
850-3
VALHALLA HIGH SCHOOL
CALLE ALBARA
AVOCADO BLVD
REGULATORY SITE
FURY LN
BRABHAM ST
CUYAMACA COLLEGE
CUYAMACA COLLEGE DR EAST
CUYAMACA COLLEGE DR WEST
VIA RANCHO SAN DIEGO
SR54 WIDENING END PHASE 2
SR54 WIDENING BEGIN PHASE 2
520-2
520-3
520-1
JAMACHA RD (SR 54)
WILLOW GLEN DR
CAMPO RD (SR94)
ENVIRONMENTAL SOUND WALL
JAMACHA BLVD (SR 54)
CAMPO RD (SR 94)
SR54 WIDENING BEGIN PHASE 3
832-2
832-1
LEGEND
OWD Boundary
Flow Control Facility 14
Reservoirs
Proposed 36" Alignment
12" Pipeline Replacement

EXHIBIT B
Example Professional Consultant Services Agreement

AGREEMENT FOR PROFESSIONAL SERVICES BETWEEN
OTAY WATER DISTRICT
AND
[CONSULTANT]
FOR
PROFESSIONAL ENGINEERING SERVICES

This Agreement (Agreement) is made and entered into this _____ day of December, 2007 by and between the OTAY WATER DISTRICT, a municipal water district, formed and existing pursuant to California Municipal Water District Act of 1911, as amended, hereinafter referred to as "DISTRICT," and [CONSULTANT], hereinafter referred to as "CONSULTANT."

1. W I T N E S S E T H

WHEREAS, the DISTRICT requires the services of a professional engineering planning consultant to render certain technical and professional services described below; and

WHEREAS, the CONSULTANT has available, and offers to provide, personnel and facilities necessary to accomplish the work within the required time.

NOW, THEREFORE, DISTRICT AND CONSULTANT agree as follows:

I.Scope of Professional Engineering Planning Services

The CONSULTANT agrees to perform those services described in the scope of work set forth in Exhibit 'A' attached hereto and incorporated herein by this reference. The scope of consulting services shall include meetings with District staff and review of previous technical documentation.

II.Authorization

General authorization to proceed with the work described in Exhibit 'A' is hereby granted upon full execution of the Agreement. However, CONSULTANT shall not proceed with any work described in Exhibit 'A' until the receipt of a request for specific services or "task order" from the District's Designated Agent. Upon receipt of such a request for specific services, CONSULTANT shall provide the District's Designated Agent with an estimated budget for the requested services and an estimated time for completion. The District's Designated Agent shall then provide the CONSULTANT with authorization to proceed. No work shall be commenced until the CONSULTANT receives the authorization to proceed.

III.Compensation

In return for providing the services described in Exhibit 'A', which are to be performed by the CONSULTANT, the DISTRICT agrees to pay, and the CONSULTANT

SAMPLE

agrees to accept, compensation for all executed service requests up to an amount not-to-exceed XXXXXXXXX DOLLARS ($XXX,XXX.XX), payable as agreed to by the parties per service request. Total compensation for all Professional Services provided under this agreement shall not exceed XXXXXXXXX DOLLARS ($XXX,XXX.XX) during the term of this agreement without prior written authorization from the DISTRICT.

The CONSULTANT shall invoice the DISTRICT on a monthly schedule in the format shown in Exhibits 'B' and 'C'. The CONSULTANT shall not invoice the DISTRICT for work that has not been completed at the time the invoice is prepared. The DISTRICT shall have forty-five (45) days from the date of receipt of error-free invoices prepared in accordance with Exhibits 'B' and 'C' to make payment without incurring interest and/or penalty charges.

IV.Standard of Care

The CONSULTANT is employed to render engineering planning consulting services only, and any payment made to the CONSULTANT is compensation solely for such services as the CONSULTANT may render and recommendations the CONSULTANT may make. The CONSULTANT'S services shall be furnished in accordance with generally accepted engineering planning consulting principles and practices.

V.Documents

All original drawings, spreadsheets and documents, including digital photographs and files developed for the project, shall, upon payment in full for the services described in this Agreement, be furnished to and become the property of the DISTRICT, except as otherwise provided in Section VIII: Termination or Abandonment.

The CONSULTANT shall provide final documents on high-density media. Final drawings and details shall be in AutoCAD® 2007 format or more recent. Final Contract Specifications, reports, and spreadsheets shall be in Microsoft® Office 2003 format or more recent. Any other electronic format documents provided to the DISTRICT must be formatted to the same software version or release as that of the DISTRICT.

VI.Performance and Schedule

The CONSULTANT agrees to coordinate project work to ensure its timely completion and shall promptly notify the DISTRICT of any anticipated delays, which may affect the work schedule. In the event the time for completing the scope of work is exceeded due to circumstances beyond the control of the CONSULTANT, the CONSULTANT shall have an additional amount of time to be agreed upon in writing between the parties in which to complete the work.

VII.Change in Scope of Work

Work under this agreement is to be performed on a task order basis and shall be pre-approved by the DISTRICT. Each task order shall specify the services requested, the time for performance and an estimated cost for such services. If the services requested require a change, addition or modification, such change, addition or modification shall require prior approval of the DISTRICT. In the event that the services requested are outside of the Scope of Services specified in Exhibit 'A', CONSULTANT shall bring it

SAMPLE

to the attention of the DISTRICT immediately, and no such work shall be done prior to obtaining written approval from the DISTRICT.

If the DISTRICT changes the Scope of Work, or if changes in regulations after execution of this Agreement necessitate changes in the Scope of Work, or if the CONSULTANT is requested to perform services not detailed in the Scope of Work, the parties shall execute an amendment to Exhibit 'A', Scope of Work.

All work performed without proper authorization shall be considered part of this Agreement for no additional compensation.

VIII.Termination or Abandonment

Ten (10) calendar days from the date of a written notice to terminate, the DISTRICT has the right to terminate or abandon all or any portion of a work order. The District is under no obligation to require all the services described under the Scope of Work and shall be able to select only those services needed from time to time, as provided in each work order. In the event that the District abandons or terminates any services requested as provided hereunder, the DISTRICT will have the right to take possession and shall own immediately all original specifications, drawings, and other documents developed for that portion of the work completed and/or being abandoned. The DISTRICT will pay the CONSULTANT for services for any portion of the work being terminated which were rendered prior to termination. If said termination occurs prior to completion of any task of the project for which a payment request has not been received, the fee for service performed during such task shall be based on an amount mutually agreed to by the DISTRICT and the CONSULTANT for the portion of such task completed but not paid prior to said termination. The DISTRICT will not be liable for any costs other than the fees or portions thereof, which are specified herein. If all work is abandoned as herein provided, this Agreement shall automatically terminate on the 10th day from the date of notice.

IX.Indemnification

A. CONSULTANT agrees to the following:

1. *Indemnification for Professional Services.* CONSULTANT will save harmless and indemnify and, at DISTRICT's request, defend DISTRICT and all its officers, volunteers, employees, and representatives from and against suits, actions, or claims brought for, or on account of, injuries or damages sustained by any person or property directly resulting from a negligent or wrongful act, error or omission by CONSULTANT or any of CONSULTANT's officers, agents, employees, or representatives, in the performance of this Agreement.

2. *Indemnification for other Damages.* CONSULTANT indemnifies and holds DISTRICT harmless from and against a claim, action, damages, costs (including reasonable attorney's fees), injuries, or liability, directly resulting from this Agreement, for its negligent performance. Should DISTRICT be named in a suit, or should a claim be brought

SAMPLE

against it by suit or otherwise, directly resulting out of this Agreement, for the CONSULTANT's negligent performance, CONSULTANT will defend DISTRICT (at DISTRICT's request and with counsel satisfactory to DISTRICT) and will indemnify DISTRICT for any judgment rendered against it or any sums paid out in settlement or otherwise.

B. For purpose of this section "DISTRICT" includes DISTRICT's officers, officials, employees, agents, representatives, and certified volunteers.

C. It is expressly understood and agreed that the foregoing provisions will survive termination of this Agreement.

D. The requirements as to the types and limits of insurance coverage to be maintained by CONSULTANT as required by this Agreement and any approval of said insurance by DISTRICT are not intended to and will not in any manner limit or qualify the liabilities and obligations otherwise assumed by CONSULTANT pursuant to this Agreement, including, without limitation, to the provisions concerning indemnification.

X.Insurance Requirements

A. Before commencing performance under this Agreement, and at all other times this Agreement is effective, CONSULTANT will procure and maintain the following types of insurance with coverage limits complying, at a minimum, with the limits set forth below:

Type of Insurance	Limits (combined single)
Commercial general liability	$1,000,000
Professional liability	$3,000,000
Business automobile liability	$1,000,000
Worker's compensation	Statutory requirement

B. Commercial general liability insurance will meet or exceed the requirements of ISO-CGL Form No. CG 12 10 11 97. The amount of insurance set forth above will be a combined single limit per occurrence for bodily injury, personal injury, and property damage for the policy coverage. Liability policies will be endorsed to name DISTRICT, its officials, and employees as "additional insureds" under said insurance coverage and to state that such insurance will be deemed "primary" such that any other insurance that may be carried by DISTRICT will be excess thereto. Such insurance will be on an "occurrence" basis, except professional liability shall be on a "claims made" basis, and will not be cancelable or subject to reduction except upon a thirty- (30) day prior written notice to DISTRICT.

C. Automobile coverage will be written on ISO Business Auto Coverage Form CA 00 01 10 01, including symbol 1 (Any Auto).

SAMPLE

D. CONSULTANT will furnish to DISTRICT duly authenticated Certificates of Insurance and Endorsements evidencing maintenance of the insurance required under this Agreement and such other evidence of insurance as may be reasonably required by DISTRICT from time to time. Insurance must be placed with insurers with a current A.M. Best Company Rating equivalent to at least a Rating of "A:VII." Originals of the duly authenticated Certificates of Insurance and Endorsements shall be included with this Agreement as Exhibit D.

XI.Successors and Assigns

This Agreement and all of the terms, conditions, and provisions hereof shall inure to the benefit of and be binding upon the parties hereto, and their respective successors and assigns; provided, however, that no assignment of this Agreement shall be made without written consent of the parties to this Agreement. Any attempt by the CONSULTANT to assign or otherwise transfer any interest in this Agreement without the prior written consent of the DISTRICT shall be void. Since the primary consideration of the DISTRICT in entering this agreement is the qualifications of the CONSULTANT, as opposed to a low bid, the DISTRICT will refuse to consent to assignments if it considers the assignee to have lesser qualifications. Any notice or instrument required to be given or delivered by this Agreement may be given or delivered by depositing the same in any United States Post Office, registered or certified, postage prepaid, addressed to:

DISTRICT:	CONSULTANT:
Otay Water District	Firm Name
2554 Sweetwater Springs Boulevard	Address
Spring Valley, California 91978-2004	Attention:
Attention: Mark Watton	

and shall be effective upon date of mailing.

XII.Project Organization

The CONSULTANT proposes to assign [name] as the Project Manager. The Project Manager shall not be removed from the project or reassigned without prior approval of the DISTRICT, which approval shall not be unreasonably withheld. No subcontracting of significant portions of the contracted environmental services shall be made without prior approval of the DISTRICT.

XIII.Integration

This Agreement and the attached Exhibits represent the entire understanding by and between the DISTRICT and the CONSULTANT as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This Agreement may not be modified or altered except in writing signed by both parties hereto.

SAMPLE

XIV. Execution

OTAY WATER DISTRICT	**CONSULTANT**
_____	_____
Mark Watton, General Manager	Name, Title

APPROVED AS TO FORM

_____

District Counsel

SAMPLE

COPIES: ☐ FILE (Orig.), ☐ CONSULTANT, ☐ PROJECT MANAGER, ☐ ACCOUNTS PAYABLE

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

PRODUCER

INSURED

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A:	
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	X	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY PRO-JECT LOC				EACH OCCURRENCE	$
						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
						MED EXP (Any one person)	$
						PERSONAL & ADV INJURY	$
						GENERAL AGGREGATE	$
						PRODUCTS - COMP/OP AGG	
						Emp Ben.	
A		AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident)	$
						BODILY INJURY (Per person)	$
						BODILY INJURY (Per accident)	$
						PROPERTY DAMAGE (Per accident)	$
		GARAGE LIABILITY ANY AUTO				AUTO ONLY - EA ACCIDENT	$
						OTHER THAN AUTO ONLY: EA ACC	$
						AGG	$
		EXCESS/UMBRELLA LIABILITY OCCUR CLAIMS MADE				EACH OCCURRENCE	$
						AGGREGATE	$
		DEDUCTIBLE					$
		RETENTION $					$
						/	$ / / /
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				WC STATUTORY LIMITS OTHER	
						E.L. EACH ACCIDENT	$
						E.L. DISEASE - EA EMPLOYEE	$
						E.L. DISEASE - POLICY LIMIT	$
		OTHER					

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

RE: Project_____, CIP _____
Otay Water District, its officials, and employees are named additional insured per _____(attached endorsement) with respect to General Liability. This insurance shall be primary and any other insurance additional insureds have shall be non-contributory.

CERTIFICATE HOLDER

OTA2554

Otay Water District
Attn:
2554 Sweetwater Spring Blvd.
Spring Valley CA 91978

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ~~ENDEAVOR~~ TO MAIL *30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT. ~~BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.~~

AUTHORIZED REPRESENTATIVE

SAMPLE

© ACORD CORPORATION 1988

EXHIBIT C

DRAFT SCOPE OF SERVICES

PROJECT DESCRIPTION

The project includes installation of approximately five (5) miles of 36-inch steel potable water pipeline. The 36-inch pipeline will convey water from the Otay No. 14 FCF located on the northwest corner of S. Third Street and E. Lexington Avenue in El Cajon, CA to the 640-1 and 640-2 Reservoirs located at the District's Regulatory Site at 11880 Campo Road, Spring Valley, CA.

The project also includes the installation of approximately 3,500-feet of new 12-inch PVC pipe to replace existing 12-inch corroded steel pipe. This pipeline is located in Jamacha Road between Hidden Mesa Road and Hillsdale Road and separates the 803 and 978 pressure zones.

The Construction Manager shall be in charge of the constructability review and managing all aspects of the construction project as directed by the District. The Design Engineer has been retained to provide construction phase services that include reviewing shop drawings, answering requests for information, and responding to requests for Change Orders and preparing "As-Built" record drawings.

CONSULTANT-FURNISHED SERVICES

1. Constructability Review

The consultant shall provide the following constructability review services:

- Perform constructability review on 60% and 90% design submittals and provide written feedback.
- Attend monthly design progress meetings.
- Attend a 100% design submittal constructability review workshop held by an independent consultant.

2. Construction Inspection

Provide an experienced construction inspector to perform full-time observation of the pipelines construction activities. The contract duration is estimated to be 480 calendar days. The construction inspector will observe and document the work and its conformance with the plans and specifications. The construction inspector's duties will also consist of the following activities:

- Preparation of written daily field reports for submittal to the District. Reports will include work performed, labor and equipment utilized, and a discussion of any work not conforming to the plans and specifications.
- Provide pipe joint welding inspection per WAS.
- Observe all construction and coordinate observation of special construction including excavation, backfill, and all piping and connections to existing facilities.
- Perform photographic documentation of construction activities in digital format.
- Observe and record all major materials delivery to the site to document they are in accordance with the specifications and approved shop drawings.
- Coordinate, review and observe all equipment testing and start up.
- Coordinate with District staff in the commissioning and startup of the completed facility.
- Provide special inspection that is not required by the contractor as stated in the specifications.
- Update project red lines during construction and review project record drawings to project and contractor red lines.

3. Construction Management

Provide construction management services including the following:

- Conduct bi-weekly progress meetings or more often as needed including job progress and schedule meetings with the Contractor, the District, and others as necessary. Prepare and distribute meeting minutes via email.
- Administer and track all "Submittal," "Request for Information," "Contractor's Request for Change Order," and other related forms. Provide appropriate response and/or recommendations to and from the District. Consult with engineering staff on all technical matters. Notify all parties of issues that impact critical path schedule. Negotiate Change Orders on behalf of the District. Coordinate with Design Engineer as necessary.
- Monitor project permit conditions and related expiration dates and inform the District and Contractor when non-compliance is observed.
- Monitor and ensure Contractor's compliance with all requirements of project design specifications and drawings.
- Monitor Contractor's schedule each week, including the previous weeks' progress and Contractor's anticipated work. Make recommendations as necessary and inform District as necessary of schedule issues.
- Process monthly progress pay estimates including review of Contractor's work progress with District representative, review for accuracy, and comparison with actual work completed; make appropriate recommendations to District on payment issues.
- Provide document control including processing and filing all project correspondence, documents, and drawings. The Construction Manager is to handle all paperwork between all parties.

- Prepare monthly construction management reports to include a detailed description of work completed, schedule status, submittals status, RFI status, design revision status, progress payment and overall contract status, and project photographs. The monthly reports will be prepared in a District-provided format including color copies of the digital photographs with captions of work performed. Electronic copies of the monthly reports will be provided to the District and other parties as requested.
- Conduct and coordinate preliminary and final walk-throughs with punch lists, start-up and testing, and closeout.

4. Construction Staking

All construction-staking services are provided by the construction contractor; however, the Construction Manager in coordination with the District's Surveyor must review the work and ensure compliance with all contract requirements.

5. Geotechnical Services

All project geotechnical services are provided by the construction contractor; however, the Construction Manager must review the work and ensure compliance with all contract requirements.

6. In–Plant Pipe Inspection

The Construction Manager is required to provide in-plant inspection for the fabrication of the project's pipeline.

7. Proposed Design Schedule

Currently the proposed design schedule is as follows:

- 30% Design was reviewed by the District on September 11, 2007
- Delivery of 60% PS&E is scheduled for December 3, 2007
- Delivery of 90% PS&E is scheduled for February 25, 2008
- Delivery of 100% PS&E is scheduled for April 21, 2008
- Final design submittal is scheduled for May 26, 2008
- Advertise for construction is scheduled for May 27, 2008

EXHIBIT D

EXAMPLE Firm and Project Team Qualifications

FIRM PERSONNEL TITLES	LOCAL OFFICE SIZE TOTAL/PRO-FESSIONALS	DEGREES, AFFILIATIONS, AND LICENSES	YEARS EXP. ON WATER SYSTEM PROJECTS	YEARS EXPERIENCE TOTAL/WITH FIRM/WITH OTHERS	SIMILAR PROJECTS PAST 5 YEARS	% Change Orders	PROJECTS WITH OTAY PAST 5 YEARS	% Change Orders
FIRM NAME PRINCIPAL	9/5	MS Civil Engr. MA Business Mgmt.	20	24 / 12 / 6	1. City of S.D., 1.3 MG Steel Upton Reservoir, Bill Collins 456-4433, $1.2 million. 2.		1. La Presa 30" Pipeline 2.	
FIRM NAME PROJECT MANAGER								
FIRM NAME DESIGNER								
FIRM NAME DRAFTER								
FIRM NAME TITLE								
SUBCONSULTANT #1 ELEMENT of WORK								
SUBCONSULTANT #2 ELEMENT of WORK								

EXHIBIT E
Sample Cost Proposal

DESCRIPTION		HRS/$'s	RATE	AMOUNT	TOTALS
Project Total					*$9033.20*
Task 1 (as appears in scope of services)		*49.5 hr*			*$4325.10*
Sub-Task 1.1: Description					$ 951.00
Project Manager	Smith	16.0 hr	41.00 $/hr	$656.00	
Drafter	Williams	5.0 hr	35.00 $/hr	$175.00	
Secretary	Allred	6.0 hr	20.00 $/hr	$120.00	
Sub-Task 1.2: Description					$931.50
Principle	James	2.5 hr	95.00 $/hr	$237.50	
Project Manager	Smith	4.0 hr	41.00 $/hr	$164.00	
Drafter	Williams	14.0 hr	35.00 $/hr	$490.00	
Secretary	Allred	2.0 hr	20.00 $/hr	$40.00	
Direct Expenses					$2245.35
	Bluelines	$1176.00	10%	$1293.60	
	Subconsultant #1	$915.00	5%	$960.75	
TASK 2 (as appears in scope of services)		*27.0 hr*			*$2183.60*
Sub-Task 2.1: Description					$951.00
Project Manager	Smith	16.0 hr	41.00 $/hr	$656.00	
Drafter	Williams	5.0 hr	35.00 $/hr	$175.00	
Secretary	Allred	6.0 hr	20.00 $/hr	$120.00	
Direct Expenses					$1432.50
	Subconsultant #1	$610.00	5%	$640.50	
	Printing	$720.00	10%	$792.00	
TASK 3 (as appears in scope of services)		*45.0 hr*			*$2524.50*
Sub-Task 3.1: Description					$1575.00
Project Manager	Smith	25.0 hr	41.00 $/hr	$1025.00	
Drafter	Williams	10.0 hr	35.00 $/hr	$350.00	
Secretary	Allred	10.0 hr	20.00 $/hr	$200.00	
Direct Expenses					$792.00
	Printing	$720.00	10%	$792.00	

Note: - Consultant to define tasks and estimate hours/costs to accomplish scope.
- Consultant submits two versions of Exhibit D. 1) with rates/costs in sealed envelope, and 2) without rates/costs in proposal.

EXHIBIT F

Example

CRITERIA SELECTION AND PROPOSAL RANKING

SUMMARY OF PROPOSAL RANKINGS BY PANEL MEMBERS
36-inch SDCWA FCF No. 14 to OTAY REGULATORY SITE
(P2009)

		WRITTEN						ORAL									
		Qualifications, experience of Consultant's assigned personnel	Experience relevant to type of project being considered	Proposed method to accomplish work	Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements	Completeness, addressed requested information	Ability to complete projects on schedule	Additional creativity, insight to issues	Understanding of scope, schedule, resources	Strength of project manager	Presentation, communication skills	Quality of response to questions	*Proposed Fee	*Consultant's commitment to EBE, DBE, MBE,SBE	TOTAL SCORE (per reviewer)	AVERAGE SCORE	References
SCORE		15	15	10	10	15	10	10	10	10	10	10	20	5	100 **		✓
Firm 1	Reviewer #1																
	Reviewer #2																
	Reviewer #3																
	Reviewer #4																
	Reviewer #5																
Firm 2	Reviewer #1																
	Reviewer #2																
	Reviewer #3																
	Reviewer #4																
	Reviewer #5																
Firm 3	Reviewer #1																
	Reviewer #2																
	Reviewer #3																
	Reviewer #4																
	Reviewer #5																
Firm 4	Reviewer #1																
	Reviewer #2																
	Reviewer #3																
	Reviewer #4																
	Reviewer #5																
Firm 5	Reviewer #1																
	Reviewer #2																
	Reviewer #3																
	Reviewer #4																
	Reviewer #5																

Notes: * Project Manager scores the "Proposed Fee" and "Consultant's Commitment to EBE, DBE, MBE, and SBE" columns.

Project Manager's Signature **Date**

Peer Review Signature **Date**

PRE-PROPOSAL MEETING

CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES
FOR THE
36-INCH PIPELINE, SDCWA FCF NO. 14 TO OTAY REGULATORY SITE
P2009

AGENDA

Date: October 10, 2007
Time/Place: 1:30 PM / OWD Training Room, West

1. CM Proposal Schedule
   - Preproposal Meeting ..... Now
   - Final RFP Delivery ..... October 12, 2007
   - **Proposals Due.....October 22, 2007 (1:00 p.m.)**
   - Interview Notification ..... November 1, 2007
   - Presentation & Interview ..... November 16, 2007
   - Board Meeting..... January 2, 2007
   - Award of Contract..... January 3, 2007

2. 36-Inch Pipeline Design Project Schedule
   - Delivery of 60% PS&E ..... December 3, 2007
   - Delivery of 90% PS&E ..... February 25, 2008
   - Delivery of 100% PS&E ..... April 21, 2008
   - Final mylars..... May 26, 2008
   - Advertise for construction..... May 27, 2008

3. Consultant's Qualifications and Experience
   - Team Leader must have been PM in Three Similar CM Projects
   - The Principal-in-Charge and Project Manager may be Registered Professionals or have professional affiliations in their field of expertise within the State of California.

4. Proposal Requirements
   - Submit Eight (8) Originals of the Proposal
   - Thirty (30) single-sided pages maximum, including resumes
   - Proposals Due: October 22, 2007 by 1:00 p.m.
   - Please review and follow PROPOSAL REQUIREMENTS carefully!

5. Criteria for Consultant Selection / Process
   - Qualifications and Experience of Personnel
   - Relevant Experience
   - Proposed Method to Accomplish the Work
   - Completeness of Proposal
   - Adherence to Schedule
   - Proposed Fee (to be scored by PM)
   - Commitment to DBE, SBE, MBE, EBE, or WBE (to be scored by PM)

6. Scope of Services to be Provided
   - Constructability Review for 60% and 90% design submittals
   - Construction Inspection
   - Construction Management
   - In-Plant Pipe Inspection

7. Questions & Comments

8. Good Luck to all!

SIGN IN SHEET
OTAY WATER DISTRICT
Pre-proposal Meeting

DATE: October 10, 2007 **TIME:** 1:30 p.m.

SUBJECT: CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES FOR THE 36-INCH PIPELINE, SDCWA FCF NO. 14 TO OTAY REGULATORY SITE

Project: P2009

NAME	COMPANY	PHONE NUMBER	E-MAIL
GLENN CHEEK	TRAUNER CONSULTING SERVICES	619-640-8500	GLENN.CHEEK@TRAUNERCONSULTING.COM
JOE STENGEL	ACCUDIS / PINNACLEONE	858 829-1321	jstengel@pinnacleone.com
ROGER SONEJA	SIMPLEX CM (DBE/MBE)	714-575-1148	RSONEJA @ SIMPLEX-CM.COM
Ali Altaha	C2PM (DBE/SBE)	949-470-1150	ali@c2pm.net
JONATHAN SMITH	NOLTE	858-385-2126	JONATHAN.SMITH@NOLTE.COM
ROLAND ELVERA	NOLTE	858-688-6958	Roland.Elvera@nolte.com
DON GORDON	VANIR CM	619 972 2465	don.gordon@vanir.com
JOE AROYO	SIMON WONG ENG	(858) 566-3113	JAROYO@SIMONWONGENG.COM
Ronald Halbert	Ninyo & Moore	(858) 576-1000	rhalbert@ninyoandmoore.com
Jim BASSETT	RBF CONSULTING	858 518 8160	jbassett@rbf.com

NAME	COMPANY	PHONE NUMBER	E-MAIL
SAM TUNALI	NINYO + MOORE	858-576-1000	stunali@ninyoandmoore.com
SCOTT M. KIAY	VALI COOPER & ASSOC	(951)788-8025	SCOTT@VALICOOPER.COM
JAMES SAUNDERS	HARRIS & ASSOC.	619 236 1776	jsaunders@harris-assoc.com
Andrea Stilley	Butier	(714)832-7222	astilley@butier.com
BILL ZONDORAK	JACOBS	619 725 5069	BILL.ZONDORAK@JACOBS.com
Jeff Funk	Harris + Assoc	619-237-1778	Jfunk@harris-assoc.com
Jason Linsdau	Dudek	760-802-4718	jlinsdau@dudek.com
WAYNE PAPAC	RBF	619-247-7828	NWPAPAC@RBF.com
Douglas Cook	RBF	858-518-3072	dcook@rbf.com
MATTHEW VOGEL	RBF	858-401-0563	mvogel@rbf.com
ALEX BUCHER	BOYLE ENGINEERING	858-268-8080	abucher@boyleengineering.com
Elizabeth Shoemaker	J.T. Kruer + Company	858-550-0044	elizabeths@jtkruerco.com
Jonathan Kruer	JT Kruer & Co	858-550-0044	jtkruer@aol.com
Larry Sherry	PBS&J	760-479-2927	ltsherry@pbsj.com

NAME	COMPANY	PHONE NUMBER	FACSIMILE	E-MAIL
Todd Cockburn	EPC Inc.	916-871-7942		tcockburn@epcconsultants.com
KRISTINA FERAREN	EPC CONSULTANTS INC	415.675.7580	415.675 7586	cristina@epcconsultants.com
Mark S. Moser	MWH	925-250-5684	925-627-4501	mark.moser@mwhglobal.com
Glenn Vita	MWH	858 653 6433	858 653 6420	glenn.vita@mwhglobal.com

PRE-PROPOSAL MEETING MINUTES

CONTRACT MANAGEMENT AND INSPECTION SERVICES
FOR THE
36-INCH PIPELINE, SDWA FCF NO. 14 TO OTAY REGULATORY SITE
(CIP Project No. P2009)

Date: October 10, 2007
Time: 1:30 PM
Location: Otay Water District (District) Training Room, West
Attendees: (See attached sign-in sheet)

These minutes summarize the substantive items discussed or issues resolved at the meeting to the best of the writer's memory. If the recipients understand differently, please notify the writer as soon as possible so corrections can be made.

I. INTRODUCTIONS & MEETING SIGN-IN SHEET

- Ken Simmons, Sr. Civil Engineer – Project Manager

II. OVERVIEW OF CM PROPOSAL SCHEDULE

- No changes were made to the CM proposal award schedule, and will remain as follows:

Pre-Proposal Meeting	**October 10, 2007**
Final RFP Delivery	**October 12, 2007**
Proposal Due	**October 22, 2007 @ 1:00PM**
Interview Notification	**November 1, 2007**
Presentation & Interview	**November 16, 2007**
Board Meeting & Approval	**January 2, 2008**
Award of Consultant Contract	**January 3, 2008**

- Final RFP, pre-proposal meeting agenda, meeting minutes, and sign-in sheet will be distributed on Friday, October 12th.

III. OVERVIEW OF 36-INCH PIPELINE DESIGN PROJECT SCHEDULE.

- No changes were made to the 36-inch pipeline design project schedule, and will remain as follows:

Delivery of 60% PS&E	**December 3, 2007**
Delivery of 90% PS&E	**February 25, 2008**
Delivery of 100% PS&E	**April 21, 2008**
Final Mylars	**May 26, 2008**
Advertise for Construction	**May 27, 2008**

- The scope of services requires the Construction Manager to provide constructability reviews for both 60% and 90% design phases.
- Award of a construction contract is anticipated to be approved at the August 2008 Board Meeting.

IV. OVERVIEW OF CONSULTANT'S QUALIFICATIONS AND EXPERIENCE

- The Team Leader must have been the Project Manager in three (3) similar projects. The Project Manager must have experience with welded steel pipeline projects.
- The Principal-in-Charge and Project Manager may be Registered Professionals or have professional affiliations in their field of expertise within the State of California.

V. OVERVIEW OF PROPOSAL REQUIREMENTS

- Submit eight (8) originals of the proposal. The review panel will consist of 6 – 8 internal reviewers.
- Maximum of (30) single-sided pages (including resumes, cover, back, & dividers)
- Proposals due: October 22, 2007 @ 1:00PM
- Incorporate all elements of RFP section "VI. Proposal Requirements".

VI. OVERVIEW OF CRITERIA FOR CONSULTANT SELECTION PROCESS

- Proposal criteria evaluated by panel members include: 1) Qualifications 2) Relevant experience, 3) Proposed method to accomplish work, 4) Knowledge of jurisdictional agency requirements, 5) Completeness of proposal, 6) Ability to complete projects on schedule. Page 22, "Exhibit F" of the RFP summarizes the criteria and selection process.
- "Qualifications" – The District is primarily interested on qualifications of the assigned Project Manager, Construction Manager, and Inspector.
- "Relevant Experience" – Inspector should have experience with large, steel pipelines.

- "Proposed Method to Accomplish Work" – Convey knowledge and full understanding of the services required by addressing potential issues and nature of work.
- "Proposed Fee" – to be scored by District Project Manager. Accounts for a portion of the overall score. Low fees do not automatically constitute a high score. However, for firms having similar qualifications, the District will select the firm with fees most prudent to its rate payers.
- "Commitment to DBE, EBE, MBE, SBE, or WBE" – to be scored by Project Manager. Currently, there is no written policy that establishes a specific goal/percentage for SBE, MBE, DBE, and EBE participation on District projects. The Project Manager will review this criteria based on how the Consultant applies their goals toward this commitment.
- Written proposals are worth 100 points. Oral Interview and presentation is worth 50 points. Due to the point distribution, it is important to submit a superior proposal as it may difficult to overcome a point deficit during the oral interview and presentation portion.

VII. OVERVIEW OF SCOPE OF SERVICES TO BE PROVIDED

- Constructability Review for 60% and 90% design submittals.
- Construction Inspection – May involve night work and/or multiple headings
- Construction Management – Dynamic nature of work; Must provide continuous project progression; Will require experience with welded steel pipe within traffic areas.
- In-Plant Pipe Inspection – Specialization may require sub consultants.

VIII. QUESTIONS, COMMENTS, CONCERNS, ETC.

1 Question: The scope of services requires the Construction Manager to provide constructability reviews on the 60% PS&E, scheduled to arrive on December 3, 2007. Award of this Construction Management and Services contract is scheduled for January 3, 2008. How will the District coordinate this CM effort?

Answer: The Notice-to-Proceed (NTP) will be issued on January 3, 2008. The Construction Manager is expected to imediately start the constructability review on the 60% PS&E upon issuance of the NTP.

2. Question: Will weld testing be furnished by the Contractor or Construction Manager?

Answer: Weld testing will be provided by the construction manager/inspector. If the designated inspector is not a certified welding inspector then a specialty inspector shall be required.

3. Question: Who will provide Public Relations (P.R.) efforts during construction – the Construction Manager, or the District?

   Answer: P.R. is currently being handled by District staff during the design phase. Minor P.R. efforts during construction are expected, and should be handled by the Construction Manager (e.g. talking with residents and answering minor phone calls). The District does NOT require the consultant to supply a large P.R. campaign during construction.

4. Who is the design consultant for the 36-inch pipeline?

   Answer: Infrastructure Engineering Corporation (IEC).

5. What is the estimated total construction cost?

   Answer: At the 30% design phase, the esitimated construction cost is $20,000,000 including contingency.

6. What is the estimated time for construction completion?

   Answer: Construction is expected to begin August 2008 and be completed by January 2010.

7. Will "In-Plant Inspection" be handled by the Contractor?

   Answer: The in-plant inspection will NOT be included with the contractor's scope of work. The In-plant inspection will be performed by the construction management team as part of this contract.

8. How many jurisdictions will be involved?

   Answer: The following seven (7) jurisdictions will be involved: Helix Water District, Community College/School District, Small Community HOA, RWQCB, Caltrans, City of El Cajon, and County of San Diego.

9. Who is IEC's design consultant for tunneling?

   Answer: Bennett/Staheli Engineers.

10. Who is IEC's geotechnical consultant?

    Answer: Ninyo & Moore

IX. Revisions / Clarifications to RFP

- ***Page 5, VI. Proposal Requirements, 11.b:*** The Comprehensive General Liability Insurance has been increased to a limit of $3,000,000 per occurrence and $3,000,000 aggregate.

MEMORANDUM

TO:	Manny Magaña, Rod Posada, Ron Ripperger, Hossein Juybari, Pedro Porras	Project No.	P2009
FROM:	Ken Simmons	Date	October 24, 2007
SUBJ:	Proposal Review for Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Otay Regulatory Site	Charge Time To:	P2009-001102-2101

The Otay Water District solicited professional construction support services from consultant firms for the above referenced project. Twenty-two firms submitted a Letter of Interest and a Statement of Qualifications. The Request for Proposal was sent to the twenty-two consulting firms resulting in six proposals received on October 22, 2007.

Please carefully review, evaluate, and rate the proposals according to the Consultant Evaluation Sheet. The categories to evaluate are as follows:

- Qualifications and experience of the Consultant's personnel assigned (15 points)
- Experience relevant to the type of project being considered (15 points)
- Proposed method to accomplish the work (10 points)
- Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements (10 points)
- Completeness in addressing all of the Proposal Requirements (15 points)
- Ability to complete projects on schedule (10 points)
- I will evaluate the Consultants' proposed fee, and the Consultants' commitment to emerging business enterprises (EBE) and small business enterprises (SBE).

After all proposals have been reviewed and rated, the three (3) highest ranked consultant firms will be selected for an oral interview. Oral interviews have been scheduled for November 16, 2007.

I have attached the following for your use:

- Consultant Evaluation Sheet
- RFP
- Copies of the six proposals

Please sign and date the completed rating form and return it to me by 5:00 pm, Wednesday, October 31, 2007. If you have any questions, please contact me at extension 725. Thank you for your assistance.

Attachments

Evaluation Criteria. The Panel will follow the evaluation process outlined in the Request for Proposal (RFP) and approved by the Board as part of Policy 21. The evaluation categories and criteria are as follows:

Criteria	Points	Minimally Qualified	Qualified	Highly Qualified
Qualifications, experience of Consultant's assigned personnel	15	6-9	10-12	13-15
Experience relevant to the type of project being considered	15	6-9	10-12	13-15
Proposed method to accomplish work	10	0-5	6-8	9-10
Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements	10	0-5	6-8	9-10
Proposed Fee	20	See next page	See next page	See next Page
Completeness, addressed requested information	15	6-9	10-12	13-15
Ability to complete projects on schedule	10	0-5	6-8	9-10
Consultant's commitment to EBE, DBE, MBE, SBE	5	0-2	3-4	4-5

PROPOSAL RANKING

Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Otay Regulatory Site
Project No. P2009

	WRITTEN								TOTAL SCORE
	Qualifications, experience of Consultant's assigned personnel	Experience relevant to type of project being considered	Proposed method to accomplish work	Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements	Ability to complete projects on schedule	Completeness, addressed requested information	Proposed Fee (Ranked by Project Manager)	Consultant's commitment to EBE, DBE, MBE, SBE (Ranked by Project Manager)	
	15	15	10	10	10	15	20	5	
JT Kruer & Co.	11	11	7	7	7	12	Completed by Project Manager	Completed by Project Manager	55
RBF (2)	15	14	8	8	10	14	Completed by Project Manager	Completed by Project Manager	69
EPC	11	11	6	7	6	11	Completed by Project Manager	Completed by Project Manager	52
Jacobs (3)	12	12	8	7	9	13	Completed by Project Manager	Completed by Project Manager	61
MWH (1)	15	15	10	9	10	15	Completed by Project Manager	Completed by Project Manager	74
Dudek (4)	12	11	7	7	7	12	Completed by Project Manager	Completed by Project Manager	56

Manny Magaña

Signature

11/5/07

Date

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PROPOSAL RANKING

Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Otay Regulatory Site Project No. P2009

	WRITTEN								TOTAL SCORE	
	Qualifications, experience of Consultant's assigned personnel	Experience relevant to type of project being considered	Proposed method to accomplish work	Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements	Ability to complete projects on schedule	Completeness, addressed requested information	Proposed Fee (Ranked by Project Manager)	Consultant's commitment to EBE, DBE, MBE, SBE (Ranked by Project Manager)		
	15	15	10	10	10	15	20	5		
JT Kruer & Co.	13	10	6	7	8	10	Completed by Project Manager	Completed by Project Manager	54	
RBF	15	15	9	10	10	14	Completed by Project Manager	Completed by Project Manager	73	1
EPC	13	10	7	8	8	11	Completed by Project Manager	Completed by Project Manager	57	
Jacobs	14	14	9	8	9	13	Completed by Project Manager	Completed by Project Manager	67	4
MWH	14	15	8	9	9	14	Completed by Project Manager	Completed by Project Manager	69	2
Dudek	15	14	8	9	9	13	Completed by Project Manager	Completed by Project Manager	68	3

Rod Posada

Signature

11/2/07

Date

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PROPOSAL RANKING

Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Otay Regulatory Site
Project No. P2009

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	Qualifications, experience of Consultant's assigned personnel	Experience relevant to type of project being considered	Proposed method to accomplish work	Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements	Ability to complete projects on schedule	Completeness, addressed requested information	Proposed Fee (Ranked by Project Manager)	Consultant's commitment to EBE, DBE, MBE, SBE (Ranked by Project Manager)		
	15	15	10	10	10	15	20	5		
JT Kruer & Co.	10	10	7	6	8	10	Completed by Project Manager	Completed by Project Manager	51	6
RBF	14	14	10	10	8	13	Completed by Project Manager	Completed by Project Manager	69	1
EPC	10	10	7	6	8	11	Completed by Project Manager	Completed by Project Manager	52	5
Jacobs	12	14	9	9	8	14	Completed by Project Manager	Completed by Project Manager	66	3
MWH	13	14	10	9	8	14	Completed by Project Manager	Completed by Project Manager	68	2
Dudek	13	14	8	8	8	13	Completed by Project Manager	Completed by Project Manager	64	4

Ron Ripperger

Ron Ripperger
Signature

11-2-07
Date

PROPOSAL RANKING

Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Otay Regulatory Site
Project No. P2009

	WRITTEN								TOTAL SCORE	
	Qualifications, experience of Consultant's assigned personnel	Experience relevant to type of project being considered	Proposed method to accomplish work	Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements	Ability to complete projects on schedule	Completeness, addressed requested information	Proposed Fee (Ranked by Project Manager)	Consultant's commitment to EBE, DBE, MBE, SBE (Ranked by Project Manager)		
	15	15	10	10	10	15	20	5		
JT Kruer & Co. 1,418,956	10	10	7	6	8	10	Completed by Project Manager 20	Completed by Project Manager	51	
RBF 1,343,585.00 E	14	15	10	10	8	13	Completed by Project Manager 20	Completed by Project Manager	70	1
Why Exhibit E. **EPC** $1,693,132	11	11	7	6	8	11	Completed by Project Manager 17	Completed by Project Manager	54	
Jacobs $897,817	12	14	10	9	8	14	Completed by Project Manager 14	Completed by Project Manager	67	3
MWH 1,101,902	14	14	10	9	8	14	Completed by Project Manager 17	Completed by Project Manager	69	2
" 1,953,280 **Dudek**	13	14	8	8	8	12	Completed by Project Manager 13	Completed by Project Manager	63	4

Hossein Juybari

Average = 1.40

Signature

NOV 2, 2007

Date

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PROPOSAL RANKING

Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Otay Regulatory Site Project No. P2009

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	Qualifications, experience of Consultant's assigned personnel	Experience relevant to type of project being considered	Proposed method to accomplish work	Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements	Ability to complete projects on schedule	Completeness, addressed requested information	Proposed Fee (Ranked by Project Manager)	Consultant's commitment to EBE, DBE, MBE, SBE (Ranked by Project Manager)	
	15	15	10	10	10	15	20	5	
JT Kruer & Co.	8	10	8	8	5	10	Completed by Project Manager	Completed by Project Manager	49
RBF	12	15	10	10	8	14	Completed by Project Manager	Completed by Project Manager	69
EPC	5	5	8	8	5	9	Completed by Project Manager	Completed by Project Manager	40
Jacobs	10	15	9	10	10	13	Completed by Project Manager	Completed by Project Manager	67
MWH	15	15	10	10	10	15	Completed by Project Manager	Completed by Project Manager	75
Dudek	8	8	9	9	9	10	Completed by Project Manager	Completed by Project Manager	53

Pedro Porras

Signature

NOV 06 2007

Date

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PROPOSAL RANKING

Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Otay Regulatory Site
Project No. P2009

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	15	15	10	10	10	15	20	5		
JT Kruer & Co.	10	12	8	5	8	14	Completed by Project Manager	Completed by Project Manager	57	1.4
RBF	14	14	9	10	9	14	Completed by Project Manager	Completed by Project Manager	70	1.3
EPC	12	13	8	4	8	14	Completed by Project Manager	Completed by Project Manager	59	1.7
Jacobs	13	13	9	9	9	14	Completed by Project Manager	Completed by Project Manager	67	0.9
MWH	14	12	8	7	8	14	Completed by Project Manager	Completed by Project Manager	63	1.1
Dudek	13	13	7	7	8	14	Completed by Project Manager	Completed by Project Manager	62	1.9

Signature

11-6-07
Date

...Dedicated to Community Service
2554 SWEETWATER SPRINGS BOULEVARD, SPRING VALLEY, CALIFORNIA 91978-2004
TELEPHONE: 670-2222, AREA CODE 619 www.otaywater.gov

30136

November 13, 2007

Project: P2009-001103

Wayne Papac
RBF Consulting
9755 Clairemont Mesa Blvd.
San Diego, CA 92124

SUBJECT: Construction Management and Inspection Services for the 36-Inch Pipeline Project

Dear Mr. Papac:

Thank you for submitting a proposal to provide construction management and inspection services for the subject project. After carefully reviewing the proposals, your firm has been shortlisted to interview for the professional services contract that will be awarded. Your interview is scheduled for November 26, 2007 at 8:00 AM in the Otay Water District Engineering Conference Room. You will be allowed up to 30 minutes for a presentation. An additional 30 minutes will be set aside for questions and answers.

Your presentation will be judged with equal weight on the following:

- Creativity and insight to project issues.
- Understanding of scope of work, proposed project schedule, and company resources.
- Strength of Consultant Project Manager.
- Presentation and communication skills.
- Quality of responses to questions from interview panel.

For your convenience, the District will provide a computer with CD and USB drives, along with a video monitor. Therefore, it is not necessary to bring your own equipment. In the interest of time, please forward a copy of the presentation to Ron Ripperger, the District Project Manager, no later than 4:00 PM on the day prior to the interview so the files can be preloaded on the District's computer. The files will be kept confidential.

We appreciate your continued interest and look forward to your presentation. Should you have any questions regarding the interview, please contact Ron Ripperger at (619) 670-2279.

Sincerely,
OTAY WATER DISTRICT

Ron Ripperger for

Rod Posada, P.E., P.L.S.
Chief of Engineering

RP:jf

cc: Manny Magaña
Ron Ripperger
Daniel Kay

...Dedicated to Community Service
2554 SWEETWATER SPRINGS BOULEVARD, SPRING VALLEY, CALIFORNIA 91978-2004
TELEPHONE: 670-2222, AREA CODE 619 www.otaywater.gov

November 13, 2007 Project: P2009-001103

Bill Zondorak
Jacobs
1455 Frazee Road, Suite 300
San Diego, CA 92108

SUBJECT: Construction Management and Inspection Services for the 36-Inch Pipeline Project

Dear Mr. Zondorak:

Thank you for submitting a proposal to provide construction management and inspection services for the subject project. After carefully reviewing the proposals, your firm has been shortlisted to interview for the professional services contract that will be awarded. Your interview is scheduled for November 26, 2007 at 10:30 AM in the Otay Water District Engineering Conference Room. You will be allowed up to 30 minutes for a presentation. An additional 30 minutes will be set aside for questions and answers.

Your presentation will be judged with equal weight on the following:

- Creativity and insight to project issues.
- Understanding of scope of work, proposed project schedule, and company resources.
- Strength of Consultant Project Manager.
- Presentation and communication skills.
- Quality of responses to questions from interview panel.

For your convenience, the District will provide a computer with CD and USB drives, along with a video monitor. Therefore, it is not necessary to bring your own equipment. In the interest of time, please forward a copy of the presentation to Ron Ripperger, the District Project Manager, no later than 4:00 PM on the day prior to the interview so the files can be preloaded on the District's computer. The files will be kept confidential.

We appreciate your continued interest and look forward to your presentation. Should you have any questions regarding the interview, please contact Ron Ripperger at (619) 670-2279.

Sincerely,
OTAY WATER DISTRICT

Ron Ripperger for

Rod Posada, P.E., P.L.S.
Chief of Engineering

RP:jf

cc: Manny Magaña
Ron Ripperger
Daniel Kay

...Dedicated to Community Service
2554 SWEETWATER SPRINGS BOULEVARD, SPRING VALLEY, CALIFORNIA 91978-2004
TELEPHONE: 670-2222, AREA CODE 619 www.otaywater.gov

November 13, 2007 Project: P2009-001103

Mark S. Moser
MWH Americas, Inc.
9444 Farnham Street, Suite 300
San Diego, CA 92123

SUBJECT: Construction Management and Inspection Services for the 36-Inch Pipeline Project

Dear Mr. Moser:

Thank you for submitting a proposal to provide construction management and inspection services for the subject project. After carefully reviewing the proposals, your firm has been shortlisted to interview for the professional services contract that will be awarded. Your interview is scheduled for November 26, 2007 at 9:15 AM in the Otay Water District Engineering Conference Room. You will be allowed up to 30 minutes for a presentation. An additional 30 minutes will be set aside for questions and answers.

Your presentation will be judged with equal weight on the following

- Creativity and insight to project issues.
- Understanding of scope of work, proposed project schedule, and company resources.
- Strength of Consultant Project Manager.
- Presentation and communication skills.
- Quality of responses to questions from interview panel.

For your convenience, the District will provide a computer with CD and USB drives, along with a video monitor. Therefore, it is not necessary to bring your own equipment. In the interest of time, please forward a copy of the presentation to Ron Ripperger, the District Project Manager, no later than 4:00 PM on the day prior to the interview so the files can be preloaded on the District's computer. The files will be kept confidential.

We appreciate your continued interest and look forward to your presentation. Should you have any questions regarding the interview, please contact Ron Ripperger at (619) 670-2279.

Sincerely,
OTAY WATER DISTRICT

Ron Ripperger for
Rod Posada, P.E., P.L.S.
Chief of Engineering

RP:jf

cc: Manny Magaña
Ron Ripperger
Daniel Kay

...Dedicated to Community Service
2554 SWEETWATER SPRINGS BOULEVARD, SPRING VALLEY, CALIFORNIA 91978-2004
TELEPHONE: 670-2222, AREA CODE 619 www.otaywater.gov

December 4, 2007 Project: P2009-001103

Mr. Bill Zondorak
Jacobs
1455 Frazee Road, Suite 300
San Diego, CA 92108

SUBJECT: Construction Management and Inspection Services for – 36-Inch Pipeline, FCF No. 14 to Regulatory Site; Consultant Selection

Dear Mr. Zondorak:

The Otay Water District (District) appreciates the time and effort expended by your firm in the preparation of a proposal for the subject project.

After careful review and consideration of all proposals, your firm was not selected for an interview. The District hopes, however, to consider your firm for future projects.

Should you have any questions regarding this decision, please contact the Project Manager, Ron Ripperger, at (619) 670-2279.

Sincerely,
OTAY WATER DISTRICT

[redacted] P.E., P.L.S.
Chief, Engineering

RP/RR/:jf

cc: Manny Magaña
Ron Ripperger

...Dedicated to Community Service
2554 SWEETWATER SPRINGS BOULEVARD, SPRING VALLEY, CALIFORNIA 91978-2004
TELEPHONE: 670-2222, AREA CODE 619 www.otaywater.gov

December 4, 2007 Project: P2009-001103

Mr. Mark S. Moser
MWH Americas, Inc.
9444 Farnham Street, Suite 300
San Diego, CA 92123

SUBJECT: Construction Management and Inspection Services for – 36-Inch Pipeline, FCF No. 14 to Regulatory Site; Consultant Selection

Dear Mr. Moser:

The Otay Water District (District) appreciates the time and effort expended by your firm in the preparation of a proposal for the subject project.

After careful review and consideration of all proposals, your firm was not selected for an interview. The District hopes, however, to consider your firm for future projects.

Should you have any questions regarding this decision, please contact the Project Manager, Ron Ripperger, at (619) 670-2279.

Sincerely,
OTAY WATER DISTRICT

Rod Posada, P.E., P.L.S.
Chief, Engineering

RP/RR/:jf

cc: Manny Magaña
Ron Ripperger

36-INCH PIPELINE
Project P2009-001103
CONSULTANT INTERVIEW SCHEDULE
November 26, 2007 ~ Engineering Conf Room

Staff Attendees: Manny Magaña, Rod Posada, Pedro Porras, Hossein Juybari, Daniel Kay

Project Manager: Ron Ripperger

Consultant	Time	Activity
RBF	8:00 AM	Consultant Presentation (Wayne Papac)
	8:30 AM	Questions & Answers
	9:00 AM	Evaluation by Panel Member
MWH	9:15 AM	Consultant Presentation (Mark Moser)
	9:45 AM	Questions & Answers
	10:15 AM	Evaluation by Panel Member
JACOBS	10:30 AM	Consultant Presentation (Bill Zondorak)
	11:00 AM	Questions & Answers
	11:30 AM	Evaluation by Panel Member
1:00 PM – 2:00 PM		Panel Member Discussion

R. POSADA

11/26/07

1/2

RBR 36" PIPELINE ON JAMACHA ROAD

PRESENTATION: CM SERVICES

- WAYNE NAPAC → PRINCIPAL →
  - LOCAL KNOWLEDGE
  - SYSTEM UNDERSTANDING
  - ✓ PARTNERING MANNER w/ DESIGNER
  - PROACTIVE MANAGEMENT STYLE
  - ✓ PHILOSOPHY → PARTNERING & RESPECT
  - ✓ TEAM: WAYNE, JIM, DOUG → SAME TEAM TOGETHER FOR 20 YRS
  - ✓ EXP w/ OTAY → 640-1 & 2 RESERVOIRS, 30" RECYCLED WATER P.L. & THE 680/999 RESERVOIR/PS.
  - ✓ WORKED IN THE SAME AREA IN CONSTRUCTION w/ SHOTCO & PAPAC CONST.
  - COMMUNITY INVOLVEMENT
  - ✓ NEVER HAD A CONTRACTOR FILE A CLAIM.
  - NEGOTIATE CHANGES FROM C.M. ISSUED PROPOSALS.
  - ✓ C.M / INSPECTION BOOKLETS
- ISSUES / CHALLENGES
  - ✓ WORKING w/ DESIGN TEAM TO MITIGATE CHALLENGES
  - BLASTING AT COYAMACA → POTENTIAL CONVENTIONAL TUNNELING
  - ROCK ALONG MOST OF THE ALIGNMENT ON JAMACH
  - WATER ON MOST OF THE ALIGNMENT
  - ✓ HAZARDOUS MATERIALS @ WASHINGTON/JAMACHA
  - ✓ MERIDIAN ELEMENTARY → ONE ENTRANCE + POTENTIAL NIGHT WORK
  - ✓ SHOWED A GRAPH ON HOW EACH OF THESE CHALLENGES WERE ADDRESSED ON OTHER PROJECTS BY THE SAME TEAM
  - ✓ NPDES PERMIT → POTENTIAL ISSUE w/ CONTAMINATED WATER

RBF CONT

- 30" P.L. COMPLETED AHEAD OF SCHEDULE ON BUDGET
- GAO RESERVOIRS → ON SCHEDULE, AND POTENTIALLY ON BUDGET
- OPTIMIZING SCHEDULE →
- WORK PAPER FOR C.M. SHOULD BE MORE COMPREHENSIVE THAN CONTRACTORS TO FORESTALL CLAIMS
- COST LOADED SCHEDULES
- PROPOSE GROUP OFFICE SYSTEM SOFTWARE
- WALLS → SPECIALTY CONSULTANT FOR PIPELINE QC IN THE FACTORY
- SUGGEST DIE PENETRATION TESTING ON THE CONTRACTOR.

QUESTIONS

1- AS SOON AS FINDS THAT THE CONTRACTOR IS BEHIND → WILL ASK FOR A RECOVERY SCHEDULE → WILL WORK W/ CONTRACTOR PROACTIVELY SINCE SUBMITTALS TO DETERMINE IF SCHEDULES COULD BE MET

2- - A JOB W/ CITY OF SAN DIEGO → 51% C.O. BUT 200 CLAIMS. PLANS WERE WEAK; THE PLANS WERE BEING REVISED DURING CONSTRUCTION

3- - MIGHT WORK → WELL PREPARED FOR IT; VARIANCES FROM CHS/PRODUCTION DROPS OFF ABOUT 30%, BREAKING ROCK.
- DEWATERING → LOCATIONS FOR DISPOSAL
-

4- - 30" RECYCLED WATER PROJECT → PARTERED W/ ORTIZ WHO HADN'T DONE A PROJECT OF THAT SIZE → WORKED WELL W/ CONTRACTOR.
- BEFORE NTP GO PAGE BY PAGE OF THE CONTRACT DOCS. W/ CONTRACTOR & DESIGNER.

5- WORKED W/ IEC FOR GAO RESERVOIRS → VERY RESPONSIVE

6- DETERMINE AN UTILITY CORRIDOR WASHINGTON/JAMACHA → GENERAL ALIGNMENT. COST LOADED SCHEDULE.

R. POSADA

36" P.L. ON JAMACHA 11/26/07 #2

MWH
~~RBA cont~~

C.M. SERVICES

MARK MOSER:

- 10 C.M. PRINCIPLES
  - SAFETY, COMMUNICATION, PROACTIVE, ETC
- TEAM ORGANIZATION
  - MARK MOSER, GLEN VITA, WAYNE MCFADDEN, MICHELLE BERENS.
- GLEN VITA WAS THE C.M. FOR I.D. 7 → OVER 60 INDIVIDUAL CONTRACTS; MARK MOSER WAS PIC.
- WAYNE MCFADDEN
- MICHELLEN BERENS
- RON COLEMAN

GLEN VITA

- 36" P.L. → I.D. 7 ON ALTA ROAD.
- MIRAMAR, OWD, ELSINORE → SAMPLE PROJECTS
- 100 YR. PROMISE → INSPECTION, INSPECTION, INSPECTION
- PROJECT SCOPE: PRECONSTRUCTION → CONSTRUCTION → POST-CONSTRUCTION
- SCHEDULE IS DOABLE.
- HARADOUS SOILS → COULD BE AN ISSUE.
- 450 PEOPLE IN SO. CAL.

WAYNE MC FADDEN

- 25 YRS w/ MWH
- P.M. FOR LOS COCHES
- ISSUES
  - POTHOLING, TRAFFIC CONTROL, WORK HOURS, PUBLIC AWARENESS, CONSTRAINTS
- SHAREPOINT SOFTWARE → USING INTERNET
- CM PLAN
- CHANGE ORDER MANAGEMENT → FRONT END

RON COLEMAN - OST → ON SITE INSPECT - 25 YRS.

MICHELLE BERENS → DAILY INSPECTION →

MWH CONT.

WAYNE MC FADDEN

- LESSONS LEARNED → CONSTRUCTION SEQUENCING, MULTIPLE AGENCY COORDINATION, START-UP AND TESTING, COST & SCHEDULE CONTROL, TRAFFIC CONTROL, HAZARDOUS MATERIALS

GLEN VITA

KEY ISSUES:

- HELIX PLUME → HAZARDOUS MATERIALS
- SAFETY → PEDESTRIAN,
- ROCK EXCAVATION
- DEWATERING
-

QUESTIONS

? 1- WHEN CONTRACTOR FALLS THE SCHEDULE THEN PAYMENTS FALL BEHIND.

2- UNDEFINED GROUND CONDITIONS CAUSE CLAIMS → ~~THE~~ WH WILL PROACTIVELY ADDRESS THOSE ISSUES TO MITIGATE CLAIMS

3- BE PROACTIVE → IF PLUME → POTENTIALLY RE-ROUTE THE PIPE.

~~4~~ MWH DESIGNERS ARE ON HAND TO HELP OUT

4- IT IS EXTREMELY IMPORTANT TO PARTNER / CREATE RELATIONSHIPS BETWEEN CONTRACTOR - CM - DESIGNER & OWNER ARE PARAMOUNT

5- NO EXPERIENCE HEARD GOOD THINGS,

MWH DESIGN ~~TEAM~~ WOULD HELP W/ DESIGN ISSUES

6- BACKGROUND WORK COMPLETED BY DESIGNER, BORINGS, SOILS TESTING, ASK QUESTIONS.

R. POSADA

36" P.L. ON JAMACHA ROAD 11/26/07 1/2

JACOBS C.M. SERVICES

GARY BRASSER → SLEW OF ISSUES w/ THIS JOB → GROUNDWATER, BLASTING,

- SAME GROUP WORKING TOGETHER FOR 12 YEARS
- IN-HOUSE TUNNELING & HAZARDOUS WASTE.
- IS DOING C.M. FOR CWA ON FC 14
- BILL ZONDORAK → EXPERT ON TUNNELING.

BILL ZONDORAK →

- TEAM HAS OVER 211 YRS OF EXP.
- KEY PEOPLE DENNIS & PERRICK
- ALLOWANCE ITEMS.
- CALTRANS EXPERIENCE
- COMMUNITY OUTREACH
-

DENNIS →

- EXP. IN TUNNELING
- INSPECTION → COORD w/ NINYO & MOORE

BILL →

- SUBMITTALS TIMELY

JEFF SIEKER

- TRAFFIC CONTROL / TRAFFIC SIGNALS → OPTIC SENSORS

~~[illegible]~~ PEGGY

- FC 14 → JACOBS IS C.M. → DESIGN MAY 08 CONSTRUCTION JULY 09.

BILL

- TUNNELING STARTING AT FC 14 GOING SOUTH TO 3rd AVE
- A COUNCIL MEMBER FROM EL CAJON LIVES ON 3rd
- CHALLENGES AT THE INTERSECTION OF JAMACHA & WASHINGTON
- PROPOSED LOTS OF RESIGN CHANGES.
- ANTICIPATES NIGHT WORK @ SR 54. WITH GROUND WATER.
-

JACOBS CONT.

QUESTIONS

1- LOOK AHEAD SCHEDULES FOR EACH PROGRESS MEETING TO VERIFY THAT THE CONTRACTOR IS ON SCHEDULE. IF CONTRACTOR FALLS BEHIND WILL ASK FOR A MAKE-UP SCHEDULE.

2- DUCTILE IRON PIPE → 900 PSI → CONSTRUCTED RETAINING BLOCKS.

EXPERIENCED AN INTERACTIVE PROCESS w/ CONTRACTOR FOR CONVERSION OF THE PROJECT

3- NIGHT WORK → WILL BE SURE THAT THE TRAFFIC CONTROL IS SET-UP TIMELY. SAFETY IS IMPORTANT

CONTAMINATED WATER/SOILS → EXPERIENCE w/ BALL PARK.

USE ALLOWANCES.

4- PARTNERED w/ ALL CONTRACTORS IN THE CLEAN WATER PROGRAM AT THE CITY OF S.D., AT COVA, AND AT THE 680/680 RES/PS.

5- IEC IS RELATIVELY NEW. THEY ARE THE DESIGNER FOR THE FC 19 OF WHICH JACOBS IS THE C.M.

PERRICK HAS WORKED w/ IEC AT VALLECITO

6- ALIGNMENT ISSUES WOULD BE EVALUATED AT 60% & 90%.

GET AS MANY DETAILS INCORPORATED IN THE PLANS.

RBF
HJ

Construction Management & Inspection Services
36-Inch Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
Interview Questions
Monday, November 26, 2007

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1. If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?

~~Our~~ First, discuss with him — Cost Loaded schedule ~~wat~~ we will work with him to come up with a schedule — They ✓ may have a dewatering — we will work with the them —

2 Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims

I hold the highest C.O. → TI ⇒ 50! ⇒ designer stamp — & Revision to Electrical Architecture → Sad record — we have a Tremedous → Design

* The contractor

City of San Diego →

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?

Jim: Night — we have to all prepared Dewatering → where can we dewater too? Various → → The production drop 30! → The Sounds → stock pile points..

~~Ex~~ Encourage the Designer applying for the discharge permit

Our intent to December Committee →

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

30-inch project → ortiz ~~them~~ Never done a Large Project that size → show them how to lay steel pipe - superintent Listening

We do manay a mini / or informally

→ Plan / Page by Page 90% does not go through Specification - ⇒

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer. ~~AS~~ ⇒ The first Project 640-1 & 640-2 reservoir → They were very responsive - they had to motivate them - they are doing a good & we have no problem working with them -

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

60% ⇒ determination that there is utility coordinator → that alignment for Gustavo - need to be look at

↓

unless put 2' →

90% ⇒ main Technical specifications, cost load schedule

① 60% walk the alignment

↓

~~[illegible]~~

Presentation

Local knowledge

Wayne 40+ Years

The Ten 12 Years together

motivating stakeholders....

break on rock (NOT Blasting → That work designer needs to determine)

School

Baker Tank — — . Dewater

Showed Tank....

HJ

Construction Management & Inspection Services
36-Inch Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
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80
9:~~41~~ 21/9

MWH

Glen Vita is the PM, Wayne is Resident inspector

1 If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?

time & schedule ⇒ If the contractor → ⇒ get the corporate level → why the permit short... why you are falling behind → corporate cont

2. Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims.

Most of under ground conditions → we take 36-inch → abandon go around - get everyone involved → proactively & Designed

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?

Same as before → you do not the extent of the - can all depends - though process - ground water → every situations → these are we look at during the pre-construction game →

we have designed such Bill Mohsel / John Kearney

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

5 issues with construction Management: Time & relationship relationship is paramount — they start with partnering — working with contract

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer.

I have no personal experience — I heard a good thing (IEC) and have heard → we also → we have in-house design team too → we will have a positive → Wayne said that, I started as a designer I worked for many companies — ..

We do not see →

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

background work the designer completed → How many borings what kind of boring → what design come up → → Based on my experience → a lot of my involvement

start at constructability review —

90% is plan & specification complete

Can the contractor bid the job...

Can the contractor complete the project

→ That ensure that we have

Share Point for Document Management

Lessons Learned

- construction sequencing

HJ

Construction Management & Inspection Services
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Jacobs

1. If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?

We like to look at schedule, ... what is plan
→ we will ask for make up schedule
more labors, ... more resources → more crew
I see as two crew job → we have plan
constant forms → make up schedule

2. Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims.

We see that in many our jobs → we working with
design engr → Trust strained — we work with designer
proactively → we see some like ...
→ we all set 2-3 days to discuss the projects → →
have a constructability review at every stage ...

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?

make sure the contractor has a traffic control plan be
setup in a short time the safety is a key
⇒ Federal concern in downtown allowance site we
recommend we work with contractor ...
We can identify what are the issues good samples
→ stock piles Testing & disposals — they recommend these
tests during the design ...

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

we have done extensively -- owner, CM How can help them to resolve the risk --- this is something we firmly believe -- Greg -

→ We are open to good idea & it does not matter who has the good idea -

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer.

they relation are new — Greg → the project Manager → they have teamed with IEC —

→ they do a good work — NOT working the I have actually worked the directly ---

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

60% : Alignment firm up
Tunnel issues —
what we have set at 30%
what side of the street

~~the various~~
once the alignment finalize →
get utilities — addition informed
at Geotechnical —
The de ——

10:25

Gary – said his team has experiences
Jacob → a company ~~one~~ – Bill has expertise

first

allowance item to reduce the risks –
Pensquitos Trunk Sewer – worked with
Community –

FCF #14 ⇒ same time coordination
they went met

(1) power line → make it challenging
→ they recommend tunneling –

El Cajon → city ~~com~~ Council leaves in 3rd st.

tunneling → → the other spot – storm
drain shopping center → get through intersect

~~1/4~~ Looks like, the presented studied the geotech
nical report →

risks ...

① relocating the hendel

② Trench Road

③ Allowance items

④ " for delay

⑤ Allowance for potholing

⑥ " for Hardous Maters

⑦ dewatering — share the risk, we can control that

spent the Geotechnical → ⟹ Save on the design

money ...

Jacobs has the experience →

Construction Management & Inspection Services
36-Inch Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
Interview Questions
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1. If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?

RBF
1. DISCUSS IT W/ CONTRACTOR (CM BELIEVE THEY WILL KNOW AHEAD OF TIME)
2. NEGOTIATE OPTIONS W/ CONT.

MWH

2. Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims.

RBF: RECOGNIZES THAT CO ARE MOSTLY DUE TO INADEQUATE PLANS & SPECS
PROACTIVELY AVOIDING CLAIMS ?

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?

RBF. LOCATION FOR DE-WATERING
VARIANCE FOR NIGHT WORK, WHICH DROP OFF 30%

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

RBF : - THE SUCCESS OF THE 30-INCH PIPELINE PROJECT WITH ORTIZ WHOM DID NOT HAD EXPERIENCE.
- HELPING THE CONTRACTOR UNDERSTAND THE SPEC.

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer.

RBF 640-1, 640-2 RESV. PROJECT, THEY HAVE BEEN VERY RESPONSIVE
- SUBMITTAL TURN AROUND WAS GOOD.

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

RBF : 60% DETERMINE UTILITY CORRIDORS IN JAMACHA (THIS SHOULD BE DONE PRIOR TO EVEN START)
90% SCHEDULE MANAGEMENT TOOL

Helix's
Los Coches P.S

Construction Management & Inspection Services
36-Inch Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
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INTERNET UP-DATES ✓
INCLUDING DAILY REPORTS ✓
Web-based SharePoint

Cuyamaca College
24-INCH

MWH

1. If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?

   1 WORK WITH OWD & CORP. LEVEL OF CONTRACTOR
   2 THINGS THAT CAN HELP

2. Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims.

   1 UNDEFINED UNDERGROUND CONDITIONS (REACT PROACTIVELY)
   2 - RECOGNIZE THEM AND DEAL W/ THEM IMMEDIATELY

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?

   1 DEFINE THE PROBLEM AND DEAL WITH IT WITH DIFF. IDEAS OR OPTIONS TO RESOLVE IT.
   2 LOOK AT THESE ISSUES DURING PRE CONST PHASE
   3 STAFF EXPERIENCE

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

1. TIME, SCHEDULE QUALITY IS ACHIEVED BY PARTNERING

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer.

1 NO PERSONAL EXPERIENCE BUT HAD HEARD GOOD THINGS ABOUT THEM

2. THEY DO NOT SEE THIS TO BE AN ISSUE

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

60%, 90%. WANTS TO SEE THE WORK PERFORMED BY THE DESIGNER THAT DETERMINE THE OUTCOME OF THEIR DESIGN.

FCF No. 14 ✓
ADDRESSED SEVERAL ISSUES ✓

42" COVERAGE

Construction Management & Inspection Services
36-Inch Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
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Jacobs

1 If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?

1 LOOK AHEAD OF SCHEDULE, CONSULT W/ CONT, ASK FOR MAKE UP SCHEDULE, ADD RESOURCES, EQUIPMENT, ETC.

2. Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims.

WORK WITH DESIGN ENG. AND OWNER PROACTIVELY
- SPONSERED AND INTERACTIVE RESPOND TEAM (DESIGN, CONTRACTOR, OWNER, ETC...)

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?

NIGHT WORK. TRAFFIC CONTROL IS UNDERSTOOD AND SET UP, IT IS KEY (9-5)

CONTAMINATED WATER/SOIL: WORK CLOSELY WITH GEOTECHNICAL COMPANY, SAMPLES TO DETERMINE TYPE OF CONTAMINANTS

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

- PARTNERED WITH SEVERAL CONTRACTORS, COMMUNICATION IS KEY. DEALING W/ POTENTIAL ISSUES AHEAD OF TIME. OPEN TO GOOD IDEAS.

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer.

- IEC BEING RELATIVELY NEW, IEC FCF 14 IS THE DESIGNER AND JACOBS ARE THE CM. THEY HAVING HEARD ANY THING BAD

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

60% : WILL HAVE A FIRM ALIGNMENT AND THE USE OF TUNEL, IDENTIFY ALIGNMENT

Construction Management & Inspection Services
36-Inch Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
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RBF

1. If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?

   - prior to schedule being impact - working with Recovery schedule, extended hours, search for Alternatives to provide ideas. Keep tracking submittals.

2. Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims.

   - CM team holds TI Imp bldg - 51% change order, 0 claims
   - plan revisions lots of exp. in tracking design changes.
   -

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?

   Identified earlier in presentation. Night work - Dewatering. Variances - in City of El Cajon - Issues will be identified in cost schedule, NDPES permitting -

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

Identified earlier in presentation - so much project experience with Contractor. Working with field personal to identify cm experience to keeping project on track provided insights on partnering provided example of bad partnering - Clean H2O programs

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer.

- RBF - 640-1 & 2 Res. Responsive to RFI - Had good relationship *
provided good example to owner to decide.

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

- 60% - crucial determine - utility corridor.
- Alignment ~~for~~ Gustavo possible issues.
- 90% - old specs -
- Cost loaded schedule - mgmt tool.
- past experiences.

Construction Management & Inspection Services
36-Inch Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
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MWH

1. If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?

— Time + Schedule → provide recommendations to owner via corp. level. provide feedback to contractor to help get back on track.

2. Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims.

① problem on jobs on undefined underground issues.
— Research approach, proactive approach
— Keep up every one involved. identify issues immediately prior to issues being greater.

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?

Earlier identified issues. Issues do arise because of undefined issues. provide ideas / thoughts
groundwater - study + gather / look. thinks of options
— Precon phase to address potential issues.
— MWH Office exp. on District jurisdiction and design experience. Designer should provide insight on current groundwater.

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

– 5 issues Time, Schedule, Quality, Survey and realationships. Partnering –
DWD should catch Ref's – Good exp in resolution of issues.

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer.

No issues with Designer. Need to work together

– Mark – MWH – heard good things. No experience. Mark Moser – planning/design through CM only. Dont see any issues because MWH also has design exp and dont antipate any issues all but positive.
Wayne has exp with other Consultants

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

60% – background work on pipeline route.
– findings and why the recommendation
– Boring + Tunnelling findings
– Ask Questions and provide recommendation on a CM overview.
~~90%~~ –
– ~~Ask provi~~.

Front end to identify and utilized CM to assist district in constructibility review

90% – Check plans / spec – thorough review.
Exp. in interconnection – Alta Rd – Glenn's exp.
assisted District and make changes in traffic control to prison – Donovan – Rerouted to ~~meet~~ meet all stakeholders

Construction Management & Inspection Services
36-Inch Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
Interview Questions
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Jacobs

1. If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?

— look ahead schedule. Monitor lagging and notify Contractor to provide make up schedules.
- Keep progress going. Costs issues. 2 crew job. Constant focus on progress mtg

2. Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims.

— Numerous issues with DIP - City of SD project
Conc. thrust restraint. Jacobs Forte to work with Designer.
Lake Hoges - Multi Contracts - Interactive planning, owner/designer
upfront discussion to avoid problem in the future.
Cas team discussion on projects. provide recommendation

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?

① Night - 9.30 - 5 am ltd work, Contractor w/ traffic ctrl, Knowledge + safety to Contractor.

② Cont. Soils - Issus. Exp with Petco Feed Ct House
N. Myo + Moore - has exp. working with Contractor to permit proper sampling of soils, potholing

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

① Ext. partner with clean H2O ~~for~~ proj. provide issues on Risk, work together without obstacles.
CWA partnering on Lake Hodges project. Good insights on partnering to establish good relationships.
458 Rec. Elec. problems, willing to listen to ideas.

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer.

— No exp with IEC - Okay FCF 14 design.
Gregg Degen - Will be familiar soon and exp later. Nothing detrimental about IEC -
PM satisfied. Derrick - with Vallecitos W D,
water/Sewer - Happy to work IEC field rep's

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

60% - Alignment firmed up, tunnel issues
- Key intersections problems, provide recommendations
- Also specs review to make it biddible
save money in final
90% - Refinement prior to bidding
on Recommendations earlier.
Details on plans, ground w other

(1)

OTAY ESTABLISHED 1958 WATER DISTRICT

MEETING NOTES

Sheet ____ of ____

W.O. No. P2009-001103 CIP No. ____

SUBJECT: 36 inch pipeline - Consultant Interview.

DATE: 11/26/07 LOCATION: Eng. Conf. PREPARED BY: David C

ATTENDANCE:

ITEM NO.	TOPICS DISCUSSED	ACTION
	Interview # 1. (RBF)	
	WP - principal - Vision - local knowledge - CM commitment -	
	Philosophy - Customer Service to meet prior to understand	
	Stakeholder.	
	Knowledge of area in past RSD - Chilaste Const.	
	Jamacha widening project - Papac Const.	
	No claims - partnering, mutual understanding	
	Good understanding on scope of work.	
	Good display to identify key impact areas.	
	Good resprentation of design issues + field	
	condition - Did research thoroughly.	
	NPDES permit	
	specialized team exp. on various Dist & City projects	
	QA/QC - Inspection plan / schedules.	
	Approach to project communication / contract administration	
	project tracking - Dog Cooke approach to keeping ~~Cont~~ Contractors	
	on line + schedules -	
	provided cost saving of 200 k on having Contractors	
	providing services rather than CM cost. - Di penetration	

ITEM NO.	TOPICS DISCUSSED	ACTION
	MWH (Second interviewer)	
	Mark Moser - presenter VP const management program.	
	- 10 const. materials lists	
	- Glenn Vita - Otay Interconn. Glenn Vita	
	- Orange County - onsite	
	- Ron Coleman - plant fab. insp. services.	
	36" project - interconnection - Glen Vita exp w/ OWD	
	project approach - good. Specific on Inspection	
	* preconstruction - Constructability review (Glenn Vita)	
	- Hazmat - gave insights that Dist may encounter	
	Wayne - exp. 25 yrs	
	HWD - 303 Coches - RE provide const issues	
	such as potholing, traffic control, work (Night)	
	public Awareness, Constraints.	
	• Webbase project administration - Collaboration between	
	Contractor, Eng/owner, ~~CM~~ CM + Consultants.	
	Documentation approach - good.	
	• change order discussion - OWD approach No change order.	
	avoid by being aware in front end.	
	25 yrs exp.	
	Ron Coleman = Onsite Tech Services (Sub Consultant)	
	900 million on CIP projects	
	meet @ shop site to meet Dist needs/insp. fab on pipeline.	
	Michelle Berens - Field Inspection - project approach.	
	Issue Resolution prior to problems. Did not state	
	experience on project of this size.	

MWH - Cont. (3)

Sheet _____ of _____

ITEM NO.	TOPICS DISCUSSED	ACTION
	Key Issues -	
	Knowledge of different agencies incl OWD and identified safety issues for this project multi agency coordination / high traffic volumes.	
	Tech Issues, Hazmat, Rock, high groundwater mitigation (wetlands)	
	Final comments - good proven record with agencies Vast Knowledge and agency relationship Specialized CM experts.	
	- Sharing of documents through webbase sharing with all stake holders.	
	Jacobs -	
	Gary Brassen - project overview, Intro - CWA - FCF. 12 yrs in SD exp. Inhouse Tunnelling Hazard waste - MWD, County. CWA - FCF urgent.	
	Bill 2 - Tunnelling exp. 450 & 680 project for OWD. Over 100+ yrs in tunnelling - well known firms with knowledge. - Good project overview, Const review. participate in IEC mtgs.	
	Derrick / Dennis - lead insp.	
	RE's - flow, project mtg, working relationship with Caltrans - Good	
	community outreach recommendation coordinating with 1½ miles railroad - Town Hall mtg Residents, stake holder proactive	

OTAY WATER DISTRICT — ESTABLISHED 1956

MEETING NOTES

(4)

Sheet ____ of ____

W.O. No. _____ CIP No. _____

SUBJECT: _____

DATE: _____ LOCATION: _____ PREPARED BY: _____

ATTENDANCE:

ITEM NO.	TOPICS DISCUSSED	ACTION
	Jacob Cont	
	Knowledge of Dist standards, staff.	
Dennis	Dennis Graham - Implant Program with Ninya & Moore	
	Jeff Stiler -	
	Traffic Ctrol issues upgrade Controller for traffic flow	
Bill	PDR - Issues identified at FCF 14 met w/ CWA designers	
	May 08 - Review of plans for redesign - Oct 08 -	
Gregg	Good research on timelines w/ CWA. planning	
	with CWA staff / OWD staff	
Bill.	Recommended Design changes with City of E.C.	
	- 3rd Ave City of E.C (council member)	
	- Contact homeowners PDR - work	
	- Night work research at Schools	
	- challenges on washington Street - new PL.	
	Tunnelling on washington west side Omaha	
	potential issues with 36" based on exist 12" issues	
	with corrosion.	

Ron R

ORAL 8:15A – 8:46A
Q&A – 9:

Construction Management & Inspection Services
36-Inch Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
Interview Questions
Monday, November 26, 2007

RBF

---

1 If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?

- cost loaded schedule
  - ⇒ ask contractor to finish recovery schedule
    - ⇒ CM will work w/ Contractor to review methods
    - ⇒ STARTS early on in submittal process

2. Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims.

- holds highest C.O. # on tenant building 51% C.O. rate
- several discipline changes
- City of SD job ⇒ a lot of experience w/ design issues

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?

- one @ a time
  - → night work
  - → be well prepared
  - → dewatering ⇒ locations to send water
  - → variance for night work
    - ⇒ 30% less completed @ night work
  - → @ Night ⇒ no place to put soil ⇒ stockpile dirt ⇒ handle twice

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

- 30" PL project
  - → Only had never done project that big before
  - → an ongoing process ⇒ every day
  - ⇒ commitment to project
- reviewing plans & specs from the begining during Partnering
- Partnering not partying

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer.

- 640-1, 2 Res
  - → mostly helpful → Dolores has done a good job
  - → do a good job
- follow up question from David
  - → work w/ everyone in solving issues ⇒ owner's best way is what they will follow

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

- WASHINGTON AVE / JAMACHA RD
- Cost loaded schedule

→ walk alignment
- utilities

Presentation

- ALIGNMENT
  - Cuyamaca College changed alignment ? SE corner
  - Rock
  - Groundwater

- Water
  - permit for discharge
  - OWD sewer, EL CAJON SEWER, SVSD sewer

Critical ITEM ⇒ NPDES Now

- Schedule
  - cost loaded schedule

- Welding
  - ⇒ have Contractor provide welding inspection
  - ⇒ Similar to 30" PL work

Roy R OMAL 9:20A - 9:47A
Q&A - 10:06A

Construction Management & Inspection Services
36-Inch Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
Interview Questions
Monday, November 26, 2007

MWH

1. If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?
   - Time & Schedule
     → corporate level to get answers
     → cash flow

2. Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims.
   - undefined underground conditions
     → causes claim issue
     → proactive approach prior to construction
       ⇒ w/ designer quickly review project

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?
   - plume underground
     ⇒ come up w/solutions
     ⇒ groundwater, contaminated soils
       ⇒ address these prior to construction or at least have game plan
       ⇒ design expertise as backup

* Not clear if they understood that constructability was part of their scope before construction

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

- relationships ⇒ starts w/partnering session
- paramount

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer.

- Glen ⇒ no previous experience
- Mark ⇒ MWH does CM, design, plan, etc.
- No problem working w/ designers

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

- background work designer has already completed
  - → groundwater, rock
  - → pothole info ⇒ complete early on
  - → tunnel fissures
  - → geotech info
- plans & specs complete
  - ⇒ are contract documents complete
- Alta road
  - → beefed up traffic control for trucks delivering materials to prison

OMAR

- MARK & Glen worked on Otay Interconnect project
- 25 years w/ MWH
  Glen bar
- restoration work
- 100 yr promise
  → life of pipe
- HAZMAT Problems
  → Plume ⇒ rehab
- Wayne
  → Resident Engineer for Los Coches pipeline
  → Potholing ⇒ more needs to be done
  → Document Control
    ⇒ Web based (Share Point)
- Ron
  → pipeline in plant inspection
  ⇒ A lot of experience
- Michelle
  →

Roy P

Prel 10:23A – 10:53A
Q&A – 11:07A

Construction Management & Inspection Services
36-Inch Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
Interview Questions
Monday, November 26, 2007

Jacobs

1. If the contractor starts falling behind, how do you plan to correct the problem to get back on schedule?

- review w/ Contractor
  - → lagging
  - → 2 crew job
  - → progress meetings / makeup schedules

2. Please discuss a project that you were involved with as a CM that had many design issues. Discuss how proactively you avoided claims.

- many projects
- ductile pipe
  - → concrete thrust restraint
- sit down in a room for 2-3 days to talk through
- review as if a bid ⇒ pass info on to designer

3. Night construction, traffic constraints, contaminated soils, high ground water table are all major issues associated with this project. How will you address these issues during construction?

- Night work
  - → traffic control equipment on hand
- Contaminated Soils
  - → ballpark
  - → Federal Court House downtown
  - → pothole
    - ⇒ stockpile soil for testing on disposal

4. Describe your experience in partnering with and assisting a contractor in the successful delivery of a project.

- Clean Water Program
  → excellent program
- Some additional borings
- JACOB's is PM for FCF No. 14 over IEC

* 450-1 Res, 680-1 PS
* JACOBS "STOLE" Roger away from TC

5. Tell us about your working relationship and experience with Infrastructure Engineering Corporation's (IEC) as a project designer.

* DERRICK HAS WORKED W/ THEIR FIELD PERSONNEL

6. What items will you look for in the constructability review at the 60% and 90% design submittals?

- HELP GET ALIGNMENT FINALIZED UP
  → what side of street pipe should be on
- Then once alignment is finalized, then get on w/ bid items
* additional potholing for utilities is the key

ORAL

GARY BRAGGER

1. Boards
2. JACOBS is doing CM on FCF NO. 14
3. In-house tunneling expertise
4. First progress meeting
   - Allowance items
   - experience working w/all agencies before
   - Derrick past Caltrans relationship
   - dust control
     → Vouchers for local con work
   - Traffic Control
     ⇒ optical sensors vs reinstalling loops
       ⇒ upgrade controllers prior to construction

review both 36" PL and FCF NO. 14 together

MAY 08 design of FCF #14
OCT 08 go out for construction 6-8 months

* bench 12" + 36" pipelines

* ALLOWANCE ITEMS
  → THIRD ST / FCF NO. 14
    → TUNNEL OUT OF VAULT
* City Council Man lives on Third Ave

* save money on bid by proper design

* WASHINGTON INTERSECTION DIFFICULT
  → TUNNELING / ADDITIONAL GEOTECH

Q will move Horizontal Alignment to west side
→ avoids the rock, maybe some floaters

SUMMARY OF PROPOSAL RANKINGS BY PANEL MEMBERS
CM for 36-Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
CIP P2009

		ORAL*						References
		Additional creativity, insight to issues	Understanding of scope, schedule, resources	Strength of project manager	Presentation, communication skills	Quality of response to questions		
SCORE		10	10	10	10	10		✓
RBF Consulting	M. Magana	8	9	10	8	8	43	
	R. Posada							
	Hossein Juybari							
	Pedro Porras							
	David Charles							
	Ron Ripperger							
MWH	M. Magana	9	10	9	9	9	46	
	R. Posada							
	Hossein Juybari							
	Pedro Porras							
	David Charles							
	Ron Ripperger							
Jacobs	M. Magana	8	8	8	8	7	39	
	R. Posada							
	Hossein Juybari							
	David Charles							
	Pedro Porras							
	Ron Ripperger							

M. Magana
Signature

11/26/07
Date

Note: These scores are typical for a particular project. Actual weight scores may vary and will be published as part of the RFP.

*** Oral Interviews are for projects with fees over $200,000.**
**** If fees are less than $200,000, then total score is 100 points.**

SUMMARY OF PROPOSAL RANKINGS BY PANEL MEMBERS
CM for 36-Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
CIP P2009

		ORAL*					References
		Additional creativity, insight to issues	Understanding of scope, schedule, resources	Strength of project manager	Presentation, communication skills	Quality of response to questions	
SCORE		10	10	10	10	10	✓
RBF Consulting	M. Magana	8	9	10	8	8	
	R. Posada						
	Hossein Juybari						
	Pedro Porras						
	David Charles						
	Ron Ripperger	8	9	9	8	9	
MWH	M. Magana	9	10	9	9	9	
	R. Posada						
	Hossein Juybari						
	Pedro Porras						
	David Charles						
	Ron Ripperger	7	7	9	8	7	
Jacobs	M. Magana	8	8	8	8	7	
	R. Posada						
	Hossein Juybari						
	David Charles						
	Pedro Porras						
	Ron Ripperger	8	8	9	8	8	

* PER PHONE CALL

Ron Ripperger
Signature

11/26/07
Date

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SUMMARY OF PROPOSAL RANKINGS BY PANEL MEMBERS
CM for 36-Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
CIP P2009

		ORAL*					References
		Additional creativity, insight to issues	Understanding of scope, schedule, resources	Strength of project manager	Presentation, communication skills	Quality of response to questions	
SCORE		10	10	10	10	10	✓
RBF Consulting	*M. Magana*						
	R. Posada	10	9	10	9	10	
	Hossein Juybari						
	Pedro Porras						
	David Charles						
	Ron Ripperger						
MWH	*M. Magana*						
	R. Posada	8	7	9	9	9	
	Hossein Juybari						
	Pedro Porras						
	David Charles						
	Ron Ripperger						
Jacobs	*M. Magana*						
	R. Posada	8	8	7	8	9	
	Hossein Juybari						
	David Charles						
	Pedro Porras						
	Ron Ripperger						

Rod Posada
Signature

11/26/07
Date

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CM for 36-Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
CIP P2009

		ORAL*					References
		Additional creativity, insight to issues	Understanding of scope, schedule, resources	Strength of project manager	Presentation, communication skills	Quality of response to questions	
SCORE		10	10	10	10	10	✓
RBF Consulting	M. Magana						
	R. Posada						
	Hossein Juybari	9	9	10	9	10	
	Pedro Porras						
	David Charles						
	Ron Ripperger						
MWH	M. Magana						
	R. Posada						
	Hossein Juybari	8	8	7	9	7	
	Pedro Porras						
	David Charles						
	Ron Ripperger						
Jacobs	M. Magana						
	R. Posada						
	Hossein Juybari	9	9	8	9	7	
	David Charles						
	Pedro Porras						
	Ron Ripperger						

Signature

11/26/07
Date

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SUMMARY OF PROPOSAL RANKINGS BY PANEL MEMBERS
CM for 36-Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
CIP P2009

		ORAL*					References
		Additional creativity, insight to issues	Understanding of scope, schedule, resources	Strength of project manager	Presentation, communication skills	Quality of response to questions	
SCORE		10	10	10	10	10	✓
RBF Consulting	M. Magana						
	R. Posada						
	Hossein Juybari						
	Pedro Porras	8	9	10	8	8	
	David Charles						
	Ron Ripperger						
MWH	M. Magana						
	R. Posada						
	Hossein Juybari						
	Pedro Porras	10	10	10	10	8	
	David Charles						
	Ron Ripperger						
Jacobs	M. Magana						
	R. Posada						
	Hossein Juybari						
	David Charles						
	Pedro Porras	9	10	10	9	8	
	Ron Ripperger						

Signature

NOV-26-07
Date

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SUMMARY OF PROPOSAL RANKINGS BY PANEL MEMBERS
CM for 36-Pipeline, SDCWA Otay FCF No. 14 to Regulatory Site
CIP P2009

		ORAL*					References
		Additional creativity, insight to issues	Understanding of scope, schedule, resources	Strength of project manager	Presentation, communication skills	Quality of response to questions	
SCORE		10	10	10	10	10	✓
RBF Consulting	M. Magana						
	R. Posada						
	Hossein Juybari						
	Pedro Porras						
	David Charles	10	9	10	9	10	48
	Ron Ripperger						
MWH	M. Magana						
	R. Posada						
	Hossein Juybari						
	Pedro Porras						
	David Charles	9	8	9	8	9	43
	Ron Ripperger						
Jacobs	M. Magana						
	R. Posada						
	Hossein Juybari						
	David Charles	9	8	10	9	9	45
	Pedro Porras						
	Ron Ripperger						

Signature

11/26/07
Date

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TASK COMPARISONS BETWEEN CONSULTANTS
CM and Inspection Services CIP P2009

	TASK 1		TASK 2		TASK 3		TASK 4		TASK 5		TASK 6		Total
	Construction Inspection		Construction Management		Construction Staking		Constructability Review		Geotechnical Services		In-Plant Inspection		
	Hours	Amount	Hours	Amount	Hours	Amount	Hours	Amount	Hours	Amount	Hours	Amount	Amount
RBF	6233	$770,135.00	3146	$393,830.00									$1,343,585.00
	4465	**$561,555.00**	**3146**	**$393,830.00**									**$1,088,785.00**
MWH	5191	$726,891.00	1148	$233,847.00	40	$7,048.00	220	$49,668.00	40	$7,048.00	598	$77,400.00	$1,101,902.00
Jacobs	5424	$661,382.00	1448	$188,238.00			196	$48,197.00					$897,817.00

RBF added $179,620.00 for other direct costs, extended inspections and wage rate increase.
RBF reduced added fee for other direct costs, extended inspections and wage rate increase to $133,400.00 during negotiation

Negotiated Fee are highlighted in yellow

Scoring Method

Procedure to complete scoring method

Fee evaluation - 36" Pipeline CM		
Consulting Firms	Proposed Fee	Delta (Δ)
Jacobs	$ 897,817.00	$ (483,421.86)
MWH	$ 1,101,902.00	$ (279,336.86)
RBF	$ 1,343,585.00	$ (37,653.86)
J.T. Kruer	$ 1,418,956.00	$ 37,717.14
EPC	$ 1,693,132.00	$ 311,893.14
Dudek	$ 1,953,280.00	$ 572,041.14
PM Cost estimate	$ 1,260,000.00	$ (121,238.86)
Average	$ 1,381,238.86	
Standard Deviation (σ)	$ 354,441.68	

1 Find average of fees =AVERAGE(C5:C11)
2. Find standard deviation (σ) of proposals: =STDEV(C5:C11)

-1.5 σ	$ 849,576.34
ave	$ 1,381,238.86
+1.5 σ	$ 1,912,901.38

4. Calclate +/- 1.5 σ

Consulting Firms	Proposed Fee	σ
Jacobs	$ 897,817.00	-1.36
MWH	$ 1,101,902.00	-0.79
RBF	$ 1,343,585.00	-0.11
J.T. Kruer	$ 1,418,956.00	0.11
EPC	$ 1,693,132.00	0.88
Dudek	$ 1,953,280.00	1.61
PM Cost Estimate	$ 1,260,000.00	
New average with Dudek excluded e	$ 1,285,898.67	
10% of average	$ 128,589.87	

4. Calculate the standard deviations (D20-D25): =(C16-C20)/C13
5. If any of the proposals are more than +/- 1.5 σ , then exclude from average (None are excluded)

6. Find new average without excluded fee(s): =AVERAGE(C20:C26)

Range	Proposed Fee	Points
-40% average	$ 771,539.20	17
-30% average	$ 900,129.07	18
-20% average	$ 1,028,718.93	19
-10% average	$ 1,157,308.80	20
Average	$ 1,285,898.67	
+10% average	$ 1,414,488.53	20
+20% average	$ 1,543,078.40	19
+30% average	$ 1,671,668.27	18
+40% average	$ 1,800,258.13	17
+50% average	$ 1,928,848.00	16
+60% average	$ 2,057,437.87	15

7. Calculate scoring points for fee, ranges are 10% of average

Consulting Firms	Proposed Fee	Points
Jacobs	$ 897,817.00	17
MWH	$ 1,101,902.00	19
RBF	$ 1,343,585.00	20
J.T. Kruer	$ 1,418,956.00	19
EPC	$ 1,693,132.00	17
Dudek	$ 1,953,280.00	15

8. Assign scores for each proposal

EXHIBIT A
CRITERIA SELECTION AND PROPOSAL RANKING

SUMMARY OF PROPOSAL RANKINGS BY PANEL MEMBERS

Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Otay Regulatory Site

P2009

		WRITTEN								ORAL					TOTAL SCORE (per Reviewer)	AVERAGE SCORE	References
		Qualifications, experience of Consultant's assigned personnel	Experience relevant to type of project being considered	Proposed method to accomplish work	Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements	Ability to complete projects on schedule	Completeness, addressed requested information	Proposed Fee* (Ranked by Project Manager)	Consultant's commitment to EBE, DBE, MBE, SBE* (Ranked by Project Manager)	Additional creativity, insight to issues	Understanding of scope, schedule, resources	Strength of project manager	Presentation, communication skills	Quality of response to questions			
SCORE		15	15	10	10	10	15	20	5	10	10	10	10	10	150		✓
JT Kruer & Co.	*Manny Magaña*	11	11	7	7	7	12	19	4	Not Interviewed					78	75.83	
	Rod Posada	13	10	6	7	8	10								77		
	Ron Ripperger	10	10	7	6	8	10								74		
	Hossein Juybari	10	10	7	6	8	10								74		
	Pedro Porras	8	10	8	8	5	10								72		
	*Daniel Kay/David Charles***	10	12	8	5	8	14								80		
RBF	*Manny Magaña*	15	14	8	8	10	14	20	4	8	9	10	8	8	136	139.33	✓
	Rod Posada	15	15	9	10	10	14			10	9	10	9	10	145		
	Ron Ripperger	14	14	10	10	8	13			8	9	9	8	9	136		
	Hossein Juybari	14	15	10	10	8	13			9	9	10	9	10	141		
	Pedro Porras	12	15	10	10	8	14			8	9	10	8	8	136		
	*Daniel Kay/David Charles***	14	14	9	10	9	14			10	9	10	9	10	142		
EPC	*Manny Magaña*	11	11	6	7	6	11	17	4	Not Interviewed					73	73.33	
	Rod Posada	13	10	7	8	8	11								78		
	Ron Ripperger	10	10	7	6	8	11								73		
	Hossein Juybari	11	11	7	6	8	11								75		
	Pedro Porras	5	5	8	8	5	9								61		
	*Daniel Kay/David Charles***	12	13	8	4	8	14								80		
Jacobs	*Manny Magaña*	12	12	8	7	9	13	17	4	8	8	8	8	7	121	129.33	
	Rod Posada	14	14	9	8	9	13			8	8	7	8	9	128		
	Ron Ripperger	12	14	9	9	8	14			8	8	9	8	8	128		
	Hossein Juybari	12	14	10	9	8	14			9	9	8	9	9	132		
	Pedro Porras	10	15	9	10	10	13			9	10	10	9	8	134		
	*Daniel Kay/David Charles***	13	13	9	9	9	14			9	8	10	9	9	133		
MWH	*Manny Magaña*	15	15	10	9	10	15	19	4	9	10	9	9	9	143	135.33	
	Rod Posada	14	15	8	9	9	14			8	7	9	9	9	134		
	Ron Ripperger	13	14	10	9	8	14			7	7	9	8	7	129		
	Hossein Juybari	14	14	10	9	8	14			8	8	7	9	7	131		
	Pedro Porras	15	15	10	10	10	15			10	10	10	10	8	146		
	*Daniel Kay/David Charles***	14	12	8	7	8	14			9	8	9	8	9	129		
Dudek	*Manny Magaña*	12	11	7	7	7	12	15	4	Not Interviewed					75	80.00	
	Rod Posada	15	14	8	9	9	13								87		
	Ron Ripperger	13	14	8	8	8	13								83		
	Hossein Juybari	13	14	8	8	8	12								82		
	Pedro Porras	8	8	9	9	9	10								72		
	*Daniel Kay/David Charles***	13	13	7	7	8	14								81		

* Project Manager scores the "Proposed Fee" and "Consultant's Commitment to EBE, DBE, MBE, and SBE" columns.
** David Charles sat in on the interview panel since Daniel Kay was out sick.

Ron Ripperger — Project Manager's Signature — 11-28-07 Date

Peer Review Signature — 12-4-07 Date

CONSULTANT SELECTION
REFERENCE CHECKS

Project Title: **Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Regulatory Site**

CIP No./W.O.: **P2009/30136**

CONSULTANT NAME: RBF Consulting

1. Margaret Llagas Associate Civil Engineer City of San Diego PHONE: (858) 654-4494
   - When did your company last utilize the services of the consultant: 2001-2003 26-mile Sewer Main rehab
   - Was the scope of work completed on time and within budget: Yes
   - Were the tasks completed in a professional and efficient manner: Yes
   - If there were additional charges by the consultant, change orders, do you feel they were warranted or an attempt to increase the overall amount of the contract: NO CHANGE ORDERS EXCELLENT RELATIONSHIP, PROPERLY INFORMED
   - How would you rate this consultant: BELOW AVERAGE - AVERAGE - (ABOVE AVERAGE)

2. Craig Whittemore, Senior Civil Engineer, City of S.D. PHONE: (858) 292-6471
   - When did your company last utilize the services of the consultant: 2006
   - Was the scope of work completed on time and within budget: Yes
   - Were the tasks completed in a professional and efficient manner: Yes
   - If there were additional charges by the consultant, change orders, do you feel they were warranted or an attempt to increase the overall amount of the contract: None by Consultants. All Change orders were warranted and negotiated.
   - How would you rate this consultant: BELOW AVERAGE - AVERAGE - (ABOVE AVERAGE)

3. Ron Ripperger, Engineering Manager, Otay Water District PHONE: (619) 670-2279
   - When did your company last utilize the services of the consultant: 2007, ongoing
   - Was the scope of work completed on time and within budget: Yes. Previous on track, Current one on track as well
   - Were the tasks completed in a professional and efficient manner: Yes
   - If there were additional charges by the consultant, change orders, do you feel they were warranted or an attempt to increase the overall amount of the contract: Warranted
   - How would you rate this consultant: BELOW AVERAGE - AVERAGE - (ABOVE AVERAGE)

4. _____ PHONE:
   - When did your company last utilize the services of the consultant: _____
   - Was the scope of work completed on time and within budget: _____
   - Were the tasks completed in a professional and efficient manner: _____
   - If there were additional charges by the consultant, change orders, do you feel they were warranted or an attempt to increase the overall amount of the contract: _____
   - How would you rate this consultant: BELOW AVERAGE - AVERAGE - ABOVE AVERAGE

5. _____ PHONE: _____
   - When did your company last utilize the services of the consultant: _____
   - Was the scope of work completed on time and within budget: _____
   - Were the tasks completed in a professional and efficient manner: _____
   - If there were additional charges by the consultant, change orders, do you feel they were warranted or an attempt to increase the overall amount of the contract: _____
   - How would you rate this consultant: BELOW AVERAGE - AVERAGE - ABOVE AVERAGE

CONSULTANT SELECTION
REFERENCE CHECKS

Project Title: Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Regulatory Site

CIP No./W.O.: P2009/30136

CONSULTANT NAME: Valley Construction Management

1. George Briest, Olivenhain MWD, Manchester Ave 12" Pipeline Replacemnt PHONE: 760-753-6466
   - When did your company last utilize the services of the consultant: 4 months ago
   - Was the scope of work completed on time and within budget: Yes
   - Were the tasks completed in a professional and efficient manner: Yes
   - If there were additional charges by the consultant, change orders, do you feel they were warranted or an attempt to increase the overall amount of the contract: No change orders
   - How would you rate this consultant: BELOW AVERAGE - AVERAGE - ABOVE AVERAGE

2. John Maashoff, Carlsbad Municipal Water District,
   San Marcos Blvd Transmission Main and Improvement Project PHONE: 760-438-2722
   - When did your company last utilize the services of the consultant: Currently using Consultant
   - Was the scope of work completed on time and within budget: current project is on schedule
   - Were the tasks completed in a professional and efficient manner: Yes
   - If there were additional charges by the consultant, change orders, do you feel they were warranted or an attempt to increase the overall amount of the contract: all change orders were warranted
   - How would you rate this consultant: BELOW AVERAGE - AVERAGE - ABOVE AVERAGE

3. Tim Stanton, Ramona Municipal Water District PHONE: 760-789-1330
   - When did your company last utilize the services of the consultant: 6-8 months ago (2007)
   - Was the scope of work completed on time and within budget: Yes
   - Were the tasks completed in a professional and efficient manner: Yes
   - If there were additional charges by the consultant, change orders, do you feel they were warranted or an attempt to increase the overall amount of the contract: change orders were warranted
   - How would you rate this consultant: BELOW AVERAGE - AVERAGE - ABOVE AVERAGE

4. _____ PHONE: _____
   - When did your company last utilize the services of the consultant: _____
   - Was the scope of work completed on time and within budget: _____
   - Were the tasks completed in a professional and efficient manner: _____
   - If there were additional charges by the consultant, change orders, do you feel they were warranted or an attempt to increase the overall amount of the contract: _____
   - How would you rate this consultant: BELOW AVERAGE - AVERAGE - ABOVE AVERAGE

EXHIBIT E

RBF Consulting

DESCRIPTION		HOURS	RATE	AMOUNT	TOTALS
Project Total		**9,379**			**$1,343,585.00**
TASK 1 : Construction Inspection					**$770,135.00**
Project Manager	Papac	84	$155.00	$13,020.00	
Ass't. Proj. Mgr.	Cook	200	$140.00	$28,000.00	
Lead R.E. / Inspector	Bassett	2,241	$135.00	$302,535.00	
R.E. / Inspector	Templeton	1,068	$135.00	$144,180.00	
R.E./Inspector (PBS&J)	Nguyen	1,040	$130.00	$135,200.00	
Plant Inspection (Walls)	Walls	1,600	$92.00	$147,200.00	
TASK 2: Construction Management					**$393,830.00**
Project Manager	Papac	710	$155.00	$110,050.00	
Ass't. Proj. Mgr.	Cook	1,316	$140.00	$184,240.00	
R.E./Inspector	Bassett	300	$135.00	$40,500.00	
Admin. Assistant	Buensuceso	820	$72.00	$59,040.00	
TASK 3: Other Direct Costs					**$52,500.00**
Vehicles, tools, etc.				$52,500.00	
TASK 4: Additional Services					**$127,120.00**
Extended Inspection Hours		420	$150.00	$63,000.00	
Wage Rate Increases				$50,000.00	
Subconsultant Mark-up 5%				$14,120.00	

11/30/07 O.K.

EXHIBIT E

RBF Consulting

DESCRIPTION		HOURS	RATE	AMOUNT	TOTALS
Project Total		**7,611**			**$1,088,785.00**
TASK 1 : Construction Inspection					**$561,555.00**
Project Manager	Papac	84	$155.00	$13,020.00	
Ass't. Proj. Mgr.	Cook	200	$140.00	$28,000.00	
Lead R.E. / Inspector	Bassett	2,241	$135.00	$302,535.00	
R.E. / Inspector	Templeton	0	$135.00	$0.00	
R.E./Inspector (PBS&J)	Nguyen	1,040	$130.00	$135,200.00	
Plant Inspection (Walls)	Walls	900	$92.00	$82,800.00	
TASK 2: Construction Management					**$393,830.00**
Project Manager	Papac	710	$155.00	$110,050.00	
Ass't. Proj. Mgr.	Cook	1,316	$140.00	$184,240.00	
R.E./Inspector	Bassett	300	$135.00	$40,500.00	
Admin. Assistant	Buensuceso	820	$72.00	$59,040.00	
TASK 3: Other Direct Costs					**$40,000.00**
Vehicles, tools, etc.				$40,000.00	
TASK 4: Additional Services					**$93,400.00**
Extended Inspection Hours		350	$150.00	$52,500.00	
Wage Rate Increases				$30,000.00	
Subconsultant Mark-up 5%				$10,900.00	

OTAY WATER DISTRICT
PIPELINE - 36 INCH, SDCWA FCF No. 14 to OTAY REGULATORY SITE P2009

CONSTRUCTION MANAGEMENT and INSPECTION SERVICES
MANPOWER, RESOURCE LOADING, AND COSTING

Pipeline-36 Inch, SDCWA FCF No. 14 to Otay Regulatory Site; Manpower, Resource Loading, and Costing

25 Month CMIS Contract

16 Month Construction Window

	2008							2009																2010						
RBF CMIS Team	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25					
Key CMIS Staff Positions	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	Hours	Rate	Total	% of Cost	Comments
Project Manager, (Wayne Papac) RBF	18	25	26	26	26	25	37	34	35	37	32	37	35	32	35	35	34	35	37	34	35	35	34	37	17	794	$155.00	$123,070.00	9.16%	
Assistant Project Manager (Doug Cook) RBF	32	40	40	40	40	48	60	67	70	74	64	74	70	64	70	70	67	70	74	67	70	70	67	55	50	1,516	$140.00	$212,240.00	15.80%	
Lead Resident Engineer/Inspection (Jim Bassett) RBF	9	8	9	9	9	8	9	34	35	37	160	184	176	160	176	176	168	176	184	168	176	176	168	92	34	2,541	$135.00	$343,035.00	25.53%	
RE/Inspection (Charles Templeton) RBF	0	0	0	0	0	0	0	84	88	92	80	80	80	80	80	80	80	80	80	84	0	0	0	0	0	1,068	$135.00	$144,180.00	10.73%	
Administrative Assistant (Elenita Buensuceso) RBF	10	10	20	20	20	20	20	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	20	820	$72.00	$59,040.00	4.39%	
RE/Inspection (Hoang Nguyen) PBS&J	0	0	0	0	0	0	0	0	0	0	0	184	176	160	176	176	168	0	0	0	0	0	0	0	0	1,040	$130.00	$135,200.00	10.06%	
Plant Inspection (James Walls) Walls Inspection, Inc.	0	0	0	0	0	0	0	17	220	230	200	230	220	200	220	63	0	0	0	0	0	0	0	0	0	1,600	$92.00	$147,200.00	10.96%	WBE/SBE
Subtotal																										9,379		$1,163,965.00	86.63%	
Other Direct Costs																												$52,500.00	3.91%	
Subconsultant Markup5%																												$14,120.00	1.05%	
SubTotal																												$1,230,585.00	91.59%	
Additional Services																														
Extended Inspection Hours (Overtime/Weekends)	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	30	30	30	30	20	20	10	10	0	0	420	$150.00	$63,000.00	4.69%	
Prevailing Wage Rate Increases																												$50,000.00	3.72%	
																												$1,343,585.00	100.00%	

Note: This proposal complies with the State of California Department of Industrial Relations Prevailing Wage Requirements

OTAY WATER DISTRICT
PIPELINE - 36 INCH, SDCWA FCF No. 14 to OTAY REGULATORY SITE P2009

CONSTRUCTION MANAGEMENT and INSPECTION SERVICES
MANPOWER, RESOURCE LOADING, AND COSTING

FINAL NEGOTIATED COSTS 11/30/07

Pipeline-36 Inch, SDCWA FCF No. 14 to Otay Regulatory Site; Manpower, Resource Loading, and Costing

25 Month CMIS Contract

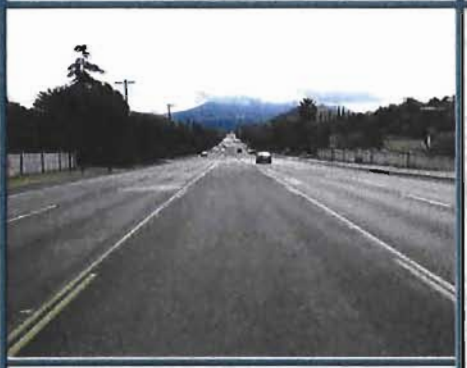
16 Month Construction Window

RBF CMIS Team	2008							2009																2010						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25					
Key CMIS Staff Positions	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	Hours	Rate	Total	% of Cost	Comments
Project Manager, (Wayne Papac) RBF	18	25	26	26	26	25	37	34	35	37	32	37	35	32	35	35	34	35	37	34	35	35	34	37	17	794	$155.00	$123,070.00	11.30%	
Assistant Project Manager (Doug Cook) RBF	32	40	40	40	40	48	60	67	70	74	64	74	70	64	70	70	67	70	74	67	70	70	67	55	50	1,516	$140.00	$212,240.00	19.49%	
Lead Resident Engineer/Inspection (Jim Bassett) RBF	9	8	9	9	9	8	9	34	35	37	160	184	176	160	176	176	168	176	184	168	176	176	168	92	34	2,541	$135.00	$343,035.00	31.51%	
RE/Inspection (Charles Templeton) RBF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$135.00	$0.00	0.00%	
Administrative Assistant (Elenita Buensuceso) RBF	10	10	20	20	20	20	20	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	20	820	$72.00	$59,040.00	5.42%	
RE/Inspection (Hoang Nguyen) PBS&J	0	0	0	0	0	0	0	0	0	0	0	184	176	160	176	176	168	0	0	0	0	0	0	0	0	1,040	$130.00	$135,200.00	12.42%	
Plant Inspection (James Walls) Walls Inspection, Inc.	0	0	0	0	0	0	0	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	900	$92.00	$82,800.00	7.60%	WBE/SBE
Subtotal																										7,611		$955,385.00	87.75%	
Other Direct Costs																												$40,000.00	3.67%	
Subconsultant Markup5%																												$10,900.00	1.00%	
SubTotal																												$1,006,285.00	92.42%	
Additional Services																														
Extended Inspection Hours (Overtime/Weekends)	0	0	0	0	0	0	0	20	20	20	20	20	20	20	30	30	30	30	30	20	20	10	10	0	0	350	$150.00	$52,500.00	4.82%	
Prevailing Wage Rate Increases																												$30,000.00	2.76%	
																												$1,088,785.00	100.00%	

Note: This proposal complies with the State of California Department of Industrial Relations Prevailing Wage Requirements

PROPOSAL

October 22, 2007



Pipeline-36 Inch, SDCWA FCF No. 14 to Otay Regulatory Site

Prepared for:

Otay Water District

Prepared by:

RBF Consulting

JN 25103069

October 22, 2007

Otay Water District
Attn: Ken Simmons, Project Manager
2554 Sweetwater Springs Boulevard
Spring Valley, CA 91978

Re: Successful Completion of the 36-Inch Pipeline Project for Otay Water District is the number one priority of the RBF Construction Management Team

Dear Mr. Simmons:

The RBF Construction Management Group brings the team you trust and a complete whole-picture perspective to Otay Water District's Pipeline – 36 Inch, SDCWA FCF No. 14 to Otay Regulatory Site project. As one critical element in a whole, optimally functioning transmission and distribution system, this project benefits from a comprehensive understanding of that system. The combination of singular project specific experience, District familiarity, and the multi-jurisdictional coordination required to efficiently manage this project is what the RBF Team alone offers.

Our core team, committed to the District for the duration of this contract, includes:

- ✓ Wayne Papac – Project Manager
- ✓ Doug Cook – Asst. Project Manager / Contracts Manager
- ✓ Jim Bassett – Lead Resident Engineer
- ✓ Charlie Templeton – Resident Engineer / Inspector

The personnel that constitute this team have managed construction of the District's largest and most important recent projects, including the 30-Inch Recycled Water Pipeline from Dairy Mart Road to 450-1 Reservoir, 640-1 & 640-2 Reservoirs Project, 680 Recycled Reservoir / 944 Pump Station, and Repair of the 520-3 Concrete Reservoirs. The team has built a mutual trust and respect with the District that has enabled essential open and direct communication. The best interests of the District are constantly in mind, defining schedule and budget objectives.

The members of our team have additionally provided construction management services for over 48 miles of local water pipelines running through or adjacent to every jurisdiction impacted by this project. We have interacted with all public agencies, municipalities, and college district with which coordination will be essential; we have intimate knowledge of the project alignment, its geologic conditions and environmental considerations; and we understand how important effective coordination is to timely delivery of this project.

We are extremely committed to our working relationship with the District, and to providing the resources, responsive service and expert team to meet your most complex construction challenges. Enclosed, please find eight copies of our proposal. Our proposal clearly demonstrates that we have all the qualifications, substantial staff, and technical expertise to fulfill the District's Construction Management needs. Please call me at (858) 810-1406 with any questions.

Respectfully submitted,

Wayne Papac
Vice President / Project Manager
Authorized Officer

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Company Information

San Diego Office
9755 Clairemont Mesa Blvd.
San Diego, CA 92124
(858) 614-5000
(858) 614-5001

San Diego County Staff: 150
No. of Staff: 1,100
No. of Offices: 14

Project Manager / Primary Contact
Wayne Papac
Project Manager
Phone: (858) 810-1406
nwpapac@rbf.com

Services

Construction Management:

- ✓ Project Management
- ✓ Design/Build
- ✓ Project/Contract Administration
- ✓ Due Diligence
- ✓ Inspection/Observation
- ✓ Constructability Review
- ✓ Value Engineering/ Analysis
- ✓ CPM Scheduling and Management
- ✓ Cost Control Documentation
- ✓ Construction Mitigation Monitoring
- ✓ Partnering Programs
- ✓ Claims Management

Support Services:

- ✓ Plan Checking
- ✓ GIS/Atlas Mapping
- ✓ Surveying
- ✓ Water System Appraisal
- ✓ Environmental Documentation
- ✓ Corrosion Engineering

Design:

- ✓ Civil Engineering
- ✓ Traffic Engineering
- ✓ Transportation Engineering
- ✓ Water Resources Engineering
- ✓ Structural Engineering
- ✓ Electrical Engineering

EXECUTIVE SUMMARY

Successful completion of the Pipeline – 36 Inch, SDCWA FCF No. 14 to Otay Regulatory Site Project Project for the Otay Water District (District) is our number one priority. Our proven team is tailored specifically to provide OWD with the resources and expertise to meet the project goals. Our highly qualified construction management and inspection team has proven their ability to deliver successful results for the Otay Water District.

The RBF team is the **only** team that has locally completed the exact type of project with all of this project's interfacing agencies and with the **same personnel** as proposed. **Our team has worked together continuously for the past 11 years**. Throughout that period we have successfully performed constructability reviews, Construction Management and Inspection Services (CMIS) and start-up roles for over 48 miles of local water pipelines in San Diego County, valued at over 100 million dollars. During installation of those pipelines we worked in or adjacent to Caltrans ROW, Cuyamaca College, San Diego County Water Authority, City of El Cajon and the County of San Diego. We have successfully completed projects while coordinating with multiple state and federal agencies, environmental and community groups while adjacent to and inside sensitive environmental habitats. **We have performed CMIS roles in each of the jurisdictions that this project will traverse.**

To summarize, RBF's team provides all the qualities necessary to ensure that this project is *successful;* namely:

Team Benefits Provide the Best Value to the District

Who We Are

RBF is a California Corporation established in 1944.

We maintain 14 offices throughout California, Arizona and Nevada.

Our professional staff provides turnkey planning, design and construction management services for a wide range of public and private clients.

Over 85 percent of RBF's work is for repeat clients, testimony to the high level of client service we will offer the District.

RBF has more than 35 years of consulting experience in San Diego County and we are organized to respond to the needs and trends in the region.

Our firm philosophy places the utmost value on our staff and the quality of service we provide.

Personal service, client satisfaction, and professional growth for all staff are pillars of our over 60 years of success.

- ✓ **Staff familiar with the specific requirements of the District:** Our team has provided CMIS services on the 640-1 & 640-2 Reservoirs Project, 30-inch Recycled Water Pipeline Project from Dairy Mart Road to 450-1 Reservoir, 680 Recycled Reservoir / 944 Pump Station, Repair of the 520-3 Concrete Reservoirs, and claim support/expert witness testimony for the Patzig Reservoir Project.
- ✓ ***Our team has earned the District's confidence and we appreciate our role as the District's trusted CM advisor.***
- ✓ **Team with demonstrated success in meeting schedules and budgets on similar large-scale projects with the District.** The same core CMIS team proposed for this project is successfully delivering the $24.8 million 640-1 & 640-2 Reservoirs Project, currently at 52% complete with a –0.02% Change Order rate, scheduled for beneficial use prior to commencement of pipelaying operations on this project. The same team also delivered the $14.8 million OWD 30-Inch Recycled Water Pipeline Project two months ahead of schedule with a final change order rate of 0.64%.
- ✓ **Project Manager, Wayne Papac, has superior experience with similar site conditions, including traffic control on Jamacha, dewatering and rock removal techniques for pipelines and trenchless technology:** Wayne served as Vice-President of Construction for Chilcote, Inc., the firm that performed the grading and improvements for much of the Rancho San Diego area, including large portions of the project alignment. He is familiar with the soils conditions of the area, and extremely knowledgeable in the type of pipeline excavation and dewatering methods required for this project.
- ✓ **Wayne's experience with grading and underground improvements** dates back 41 years and includes extensive experience in handling of hard rock, dewatering difficulties, traffic contol, estimating quantities, and costing.
- ✓ **Team with recent experience on similar construction management, inspection and on some of the region's largest pipelines, reservoirs and pump station projects:** Our core team of professionals represents a combined 85 plus years of construction experience in the San Diego region, including large diameter welded steel pipelines and trenchless technology methods.
- ✓ **Over 85% of RBF's clients are repeat clients, a testimony to the level of service we will provide to the District.** Our commitment is to continue to provide quality services and be responsive to all task assignments that the District expects and deserves.
- ✓ **RBF is committed to Affirmative Action in every aspect of our business.** For this project, we have committed over 10% to certified firms.

Our primary goal is to continue to earn the trust and respect of Otay Water District so that we may continue to be your Construction Management consultant of choice now and well into the future.

Project Understanding and Key Issues

Our understanding of the 36 Inch Potable Pipeline Project is one of specific and detailed challenges that must be overcome to ensure successful delivery. We understand the importance of this project to your overall system in providing an additional source of reliable water to your regulatory site and the impact any delay or problem could have on your system reliability. Our priority will be to deliver to you a quality pipeline on time, while mitigating field changes to deliver the project on budget. Having effectively managed projects within multi-jurisdictional alignments we understand the complexities and dynamics involved. We have worked with each of the jurisdictions involved on this project having previously worked on pipeline construction projects on Jamacha Blvd. Our Project Manager lives within 2 miles of this alignment and has intimate knowledge of the local conditions and community concerns, including most notibly noise and traffic patterns.

Project Approach Considerations

Pre-construction efforts would begin immediately. Based upon our review of the 30% Plans and Specifications and our involvement in the Value Engineering Workshop, several issues are at the forefront for resolution that will most impact project cost and time. First, because of the particular ground conditions we recommend additional borings to more accurately determine both a rock contact line and groundwater limits. Second, we recommend early work to develop creative alternatives with Caltrans to maximize work hours on Jamacha Blvd, and if possible, maintain day work. We would additionally work to minimize pipe fittings where possible, as well as determine specific crossing requirements for CWA lines, box culverts and storm drains which may be problematic given the existing groundwater conditions. We will work with your designer, Infrastructure Engineering Corporation (IEC), to provide input on feasible construction techniques and technologies to ensure successful competitive bidding.

We view the construction project ocurring with multiple headings and multiple shifts. We are proposing two of our most senior field Resident Engineers with a third to provide support and weld inspection testing to ensure all field isues are addressed promptly and thoroughly. We believe that competent field RE's, working cooperatively with the Contractor, monitoring quality and interfacing directly with the Contractor's superintendent, facilitates an open relationship whereby the Contractor can benefit from our RE's knowledge of the project and construction methods. This cooperative approach not only minimizes changes as problems are recognized ahead of impact, but ensures a successful project outcome as all stakeholders "win."

Capacity to Perform

Not only do we have the appropriate staff for this project available, we have the backing of a 1,100 person firm to ensure that the project receives all support necessary to ensure complete project success. We are currently performing CMIS services on the 640 Reservoirs Project. We will continue to work with the Contractor to ensure an on-schedule delivery of the project. Currently, start-up will occur prior to expected pipe deliveries on the 36-Inch Potable Pipeline Project. This affords the RBF team the ability to provide a continuity of service to the District on these two connecting projects.

PROJECT ORGANIZATION

We have the right people for the job - they have the experience and are available to the District throughout the duration of this project.

Our core group of construction management and inspection professionals has worked together on numerous similar projects for the past 11 years.

Wayne and his staff have proven over many assignments with the District that they will deliver the highest level of service to ensure this project is a success.

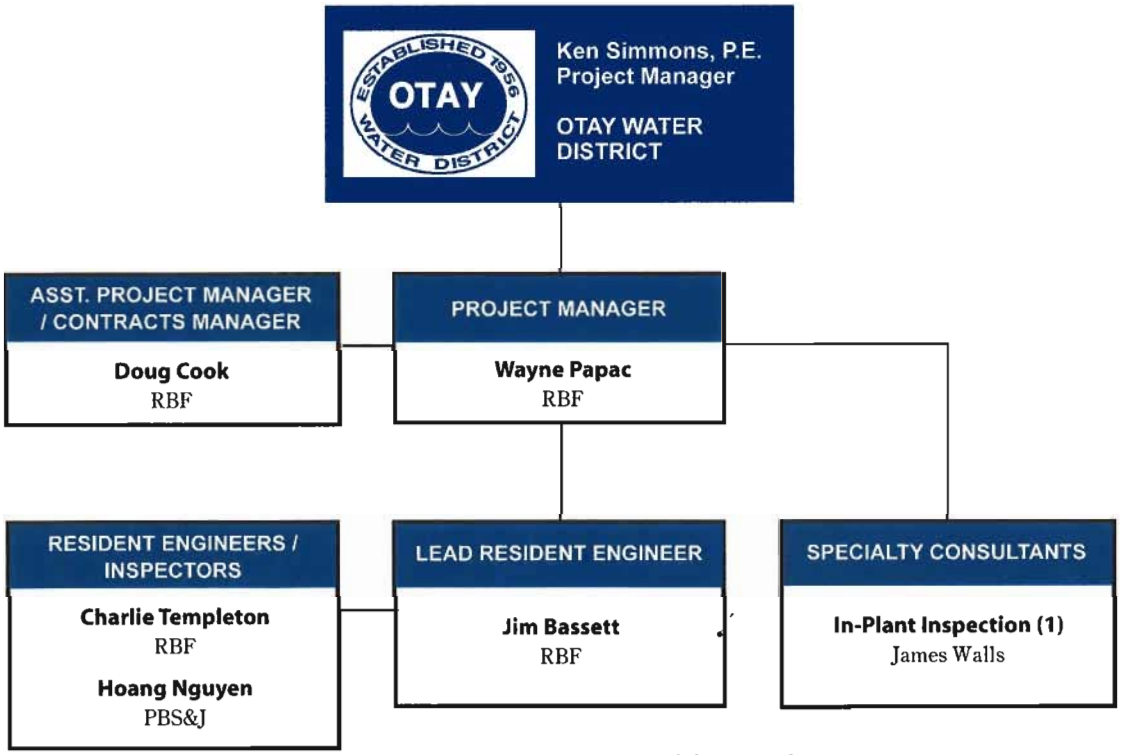
Staff members shown in the organizational chart will not be substituted without prior approval by the District.

RBF proposes to employ the same core team that successfully completed the Otay Water District 30-inch Recycled Water Pipeline Project. These individuals will be committed to the District for the duration of the project. Each has experience with the key elements of the 36-Inch Potable Pipeline project, gained from previous work in the 30-Inch Pipeline.

Key to any successful project is having the right people for the job. **Wayne Papac** will act as RBF's Project Manager and will be the point of contact for the District. **Douglas Cook** will be our team's Assistant Project Manager / Contracts Manager for the project. Doug will be responsible for day-to-day coordination with the stakeholders, including project controls, scheduling, monthly report preparation and distribution and management of our document and photo control systems. Wayne and his staff have proven over many assignments with the District that they will deliver the highest level of service to make this project a success.

Our team consists of a small, yet highly experienced core group of construction professionals with experience in local public works construction management, contract administration and management, constructibility review, scheduling, inspection, and construction quality assurance/administration. We propose to utilize specialty consultants to address the specific needs of this project, such in-plant pipe fabrication inspection. The RBF team has the capability of managing this highly complex assignment in the most cost efficient manner.

Project Team Organization Chart



Specialty Consultants:
(1) Walls Inspection, Inc. (SBE /WBE)

EXPERIENCE OF KEY PERSONNEL

Wayne has worked in every jurisdiction through which the alignment of the 36-Inch Pipeline runs and lives less than 2 miles from it.

Wayne is extremely knowledgeable of the type of ground conditions espected on this project, especially the drilling, blasting, breaking, handling, and disposal of trench rock and water conditions.

Wayne's experience with underground improvements dates back 40 years and includes extensive experience in handling of hard rock, estimating quantities, and costing.

YRS EXPERIENCE: 41

REGISTRATION / LICENSES:
General Engineering Construction Contractor (Class A) – California & Hawaii With Supplements for Hazardous Materials and Asbestos Abatement

EDUCATION:
Construction Supervising and Project Management, Orange Coast College, 1977

PROFESSIONAL AFFILIATIONS:
Treasurer, San Diego Regional Chapter, Construction Management Association of America
Member, Construction Management Association of America

Wayne Papac
Project Manager

Wayne Papac has 41 years of heavy construction experience. He has an exceptional background in project management and field operations with specific emphasis on municipal water and sewer projects, encompassing earthwork including rock removal, gravity and force main pipelines, reservoirs, pump stations, sewer rehabilitation, environmental compliance and trenchless construction techniques. His experience includes: inspection of completed work for conformance to specifications and quality; development and implementation of project and site safety plans; resolution of design, delivery and construction problems; formation, management and support of project teams; preparation of estimates and negotiation of contract changes; budget development and analysis; and optimization of project schedules and costing.

Relevant Project Experience:

Otay Water District 30-Inch Recycled Water Pipeline Project - Dairy Mart Road to 450-1 Reservoir (San Diego and Chula Vista, CA) - Project Manager for construction management and inspection services including safety, risk management and contract administration. The project consisted of 29,150 LF of 30-Inch CML&C steel pipe in street ROW and environmentally sensitive habitat alignments, a 1,470 LF 30-Inch Horizontal Directional Drill and two Auger Bores totaling 980 LF beneath Interstate I-5 and MTDB Trolley Tracks.

Otay Water District 640-1 and 640-2 Reservoirs (Spring Valley, CA) - Project Manager for the construction management and inspection services of two 10 MG DYK reservoirs partially buried within a steep sloping site. Extensive earthwork, rock blasting, remedial grading, with site piping and revegetation was required for this project which is scheduled for completion in November 2008.

SDCWA Relocation and Replacement of Pipeline 3 at State Route 125/94 Interchange (San Diego Count, CA) - Resident Engineer for the San Diego County Water Authority. The project involved relocating and replacing 1730 lf of a 66-inch pipe segment of Pipeline 3 with a 72-inch diameter welded steel segment mortar lined and coated pipe, of which 1195 lf of tunneled and the remainder open cut. There were two soft ground vertical shafts, one hard rock vertical shaft and two tie-in locations. Project tie-in completed as scheduled.

City of San Diego MWWD Pipelines/Tunnels/Reclaimed Water Group Contracts (San Diego, CA) - Chief Resident Engineer for 85 miles of Sewer and Reclaimed Water Pipelines contract packages valued at over $224 million.

Otay Water District 680 Recycled Reservoir / 944 Recycled Pump Station - (Chula Vista, CA) - Project Manager for construction management and insepcton services including safety, risk management, contract administration, project controls, resident engineering, and full-time inspection services. This project consists of an underground complex composed of a 3.2 million gallon, wire wrapped, post tensioned reinforced concrete storage tank, associated piping and a reinforced concrete pump station.

Douglas Cook
Asst. Project Manager / Contract Manager

YRS EXPERIENCE: 16

EDUCATION:
BS, Management, 2002
Concordia College and University

Construction Management Program, California Polytechnic State University, San Luis Obispo

PROFESSIONAL AFFILIATIONS:
Member, Construction Management Association of America

Doug Cook is RBF's construction contract manager with 16 years of diverse construction experience and specializes in contract management, including contract prebid support and construction inspection for large multi-contract projects. He has field engineering expertise on both horizontal and vertical construction practices, supplemented by contract development knowledge. He has provided inspection, start-up services and contract management on major pipeline, reservoir, pump station, pipeline rehabilitation, sewer treatment modifications and tenant facility improvement programs.

Relevant Project Experience:

Otay Water District 30-Inch Recycled Water Pipeline Project – Dairy Mart Road to 450-1 Reservoir (San Diego and Chula Vista, CA) - Contracts Manager for the project, which consisted of 29,150 LF of 30-Inch CML&C steel pipe in street ROW and environmentally sensitive habitat alignments, a 1,470 LF 30-Inch Horizontal Directional Drill and two Auger Bores totaling 980 LF beneath Interstate I-5 and MTDB Trolley Tracks. The project connects Otay Water District to the City of San Diego South Bay recycled water distribution system.

Otay Water District 640-1 and 640-2 Reservoirs (Spring Valley, CA) - Contracts Manager for the construction of two 10 MG DYK reservoirs partially buried within a steep sloping site. Extensive earthwork, rock blasting, remedial grading, site piping and revegetation was required for this project which is scheduled for completion in November 2008.

Otay Water District 680 Recycled Reservoir / 944 Recycled Pump Station - (Chula Vista, CA) - Contracts Manager for the project, which consists of an underground complex composed of a 3.2 million gallon, wire wrapped, post tensioned reinforced concrete storage tank, associated piping and a reinforced concrete pump station with pump systems that serve the Eastlake irrigation areas and the City of Chula Vista. Close coordination was maintained with the Eastlake Co., City of Chula Vista and the Otay Water District.

City of San Diego Metropolitan Wastewater Department, Capital Improvement Program, North City Reclaimed Water Distribution System (San Diego, CA) - Start-up coordinator on a $49 million 42-mile reclaimed water system including transmission pipelines, 9-million-gallon balance storage tank, two pump stations and distribution system.

Metropolitan Wastewater Department, Capital Improvement Program, Reclaimed Water (San Diego, CA) - Performed design reviews and coordinated subconsultant technical reviews for construction projects valued at over $111 million. Prepared Division 1 specifications, participated in project team meetings with the client, project designers, and other agencies resolving design, construction and coordination issues prior to advertise, bid and award. Responded to bidder's inquiries, coordinated and prepared contract addenda, developed and implemented contract language incorporating "lessons learned" from ongoing construction projects into subsequent Contracts.

Jim Bassett
Lead Resident Engineer / Inspector

YRS EXPERIENCE: 29

SPECIAL TRAINING:
OSHA 40-hour Hazardous Waste Operations Training
CPR Certified
OSHA Construction Safety Standards "Competent Person" Certified
Quality Improvement Training Workshop

Jim Bassett has 29 years of experience on underground and general construction efforts. He has a strong background in supervisory and foreman positions, development and construction of underground infrastructure, repair and rehabilitation of existing facilities, replacement of existing systems, emergency repairs, preventative maintenance and inspection of working progress for contract compliance and accuracy

Relevant Project Experience:

Otay Water District 30-Inch Recycled Water Pipeline Project – Dairy Mart Road to 450-1 Reservoir (San Diego and Chula Vista, CA) - Lead Resident Engineer for this project.

Otay Water District 640-1 and 640-2 Reservoirs (Spring Valley, CA) - Resident Engineer / Inspector for the construction of two 10 million gallon DYK reservoirs partially buried within a steep sloping site. Extensive earthwork, rock blasting, remedial grading, site piping and revegetation was required for this project which is scheduled for completion in November 2008.

City of San Diego Metropolitan Wastewater Department Capital Improvement Program – Pipelines/Tunnels/Reclaimed Water Group Contracts (San Diego, CA) - Lead Resident Inspector for seven pipelines and reclaimed water contract packages, valued at over $49 million and covering 42 miles of recycled water lines, ranging in various diameter, including 48-inch welded steel, 36-inch welded steel, 60-inch to 24 inch jack and bore installations, and PVC piping ranging down to 6-inch for off-backbone distribution systems. Distributions lines included vaults, cathodic protection systems, blowoff installations, air/vac installations, pressure test procedures, bacteria test procedures, valve boxes and meter boxes for local hookups. Conducted daily inspection reports, processed RFI's, held progress meetings, reviewed submittals, reviewed safety plan. Oversaw five additional field inspectors assigned to other pipeline contracts, and general lead inspection for site facility improvements.

Metropolitan Wastewater Department, Capital Improvement Program, Pipeline Rehabilitation Right-of-Way Phase A (San Diego, CA) - Lead Resident Inspector for 27.3 miles of vinyl-ester CIPP mainline sewer rehabilitation of 6-inch to 48-inch collector and trunk sewers including installation of CIPP service lateral connections at each connection, point repairs, clean-out installation, service lateral rehabilitation and manhole rehabilitation within five city council districts of San Diego metropolitan sewerage system.

Metropolitan Wastewater Department Capital Improvement Program, Recycled Water Pipelines Miramar Road Subsystem - Part 1 (Package A) (San Diego, CA) - Lead Resident Engineer and Inspector for 27,333 LF of 48-inch welded steel, cement mortar lined and coated pipe, one jack and bore, with appurtenances and cathodic protection and one bridge crossing over the Sante Fe Railroad. This project was installed open cut down the center of Miramar Road and Black Mountain Road during nighttime hours due to the heavy traffic volumes.

Charlie Templeton
Resident Engineer / Inspector

YRS EXPERIENCE: 29

SPECIAL TRAINING:
ASNT Level II Welding Inspector

ICBO Concrete, Structural Steel, Reinforced Masonry, Mechanical, Plumbing, Electrical, Plan Reading

ICBO Building Inspector Certification

ACI Concrete Testing Level 1 Certification

State Of California Tunnel Safety and Tunnel Gas Tester Certification (non pressurized Tunnels)

Charlie Templeton has 29 years of experience on underground and general construction efforts. He has a strong background in supervisory and foreman positions, development and construction of underground infrastructure, repair and rehabilitation of existing facilities, replacement of existing systems, emergency repairs, preventative maintenance and inspection of working progress for contract compliance and accuracy.

Relevant Project Experience:

City of San Diego Metropolitan Wastewater Department Capital Improvement Program – Pipelines/Tunnels/Reclaimed Water Group Contracts (San Diego, CA) - Resident Engineer for three pipeline and reclaimed water contract packages, valued at over $15 million and covering 16 miles of recycled water lines, ranging in various diameters, including 48-inch welded steel, 36-inch welded steel, 48-inch to 24-inch jack and bore installations, and PVC piping ranging down to 6-inch for off-backbone distribution systems.

Penasquitos Trunk Sewer - City of San Diego Metropolitan Wastewater Department, Capital Improvement Program (San Diego, CA) - Resident Engineer / Inspector for $23 million contract to construct 45,000 LF of 48-inch PLRCP gravity sewer and 36-inch ductile iron force main sewer with extensive traffic control, transition structures, manholes, vaults, fiber optic conduit, 2,200 lf of 20-inch centrate line, 16-inch sludge

South Metro Interceptor 84" Downtown Tunnel Rehabilitation - City of San Diego Metropolitan Wastewater Department (San Diego, CA) - Resident Engineer for 6,211 square-foot repair project consisting of interior T-lock lining repairs on an existing 84-inch cast-in-place tunnel pipe during off peak work hours covering 11,088 feet of pipeline at depths below grade reaching 70 feet. The project also included a post construction CCTV assessment of 35,000 feet of 78-inch to 108-inch interceptor sewers inclusive of two separate tunnels.

Job Order Contract 1999 - 2000 - City of San Diego Metropolitan Wastewater Department, (San Diego, CA) - Resident Engineer / Inspector. Responsible for training Inspectors and coordinating inspections on multiple simultaneous projects from parking lot restorations to structures and various pipeline installations including sewer, water, storm drain and environmental restorations / protection. HVAC installations roofing and building renovations and flood control prevention / mitigation, including the Alvarado Trunk Sewer & Tunnel Emergency Installation.

Hoang Nguyen
Resident Engineer / Inspector (PBS&J)

YRS EXPERIENCE: 25

CERTIFICATIONS:
VT-3, VT-4 Visual Examination, Bechtel, 1988

City of San Diego Storm Water Pollution Prevention Plan 2002

USACE Construction Management Certificate, 2004

ACI Concrete Field Testing Technician Grade I Certificate, 2004

OSHA 10-Hour Training in Construction Safety

Mr. Nguyen has 25 years experience in the construction industry, primarily in the building of pipelines, structures, pump stations, storage tanks, and tunnels. He has direct involvement from conceptual design phase, review through design, construction, inspection, testing, and system turnover and project closeout. His selected project experience includes:

RELEVANT EXPERIENCE:

Water Pipeline Construction, San Diego County Water Authority (San Diego, CA) - Mr. Nguyen was an Inspector for all construction phases of 96-inch welded steel pipe. Monitored work sites traffic plans for compliance with safety and City requirements. The project involved monitoring trench dewatering, installation of the 96-inch welded steel pipe, fiber optic conduit and cable, drilling and blasting of rocks, constructing valve structures, rebar installation, concrete placements, fiber optic installation, road repair, asphalt paving, street improvement, relocation of utilities. Performed inspection of pipe welds, dye penetration tests, joints wrapping, and grouting. Observed hydrostatic testing on 96-inch water line. Prepared daily inspection reports.

Water Pipe Line Extension, Otay Water District (La Mesa, CA) - Mr. Nguyen was a Field Inspector for installation of 30-inch steel welded water main.

North City Raw Sludge and Water Pipelines- Phase II, Metropolitan Wastewater Department (San Diego, CA) - Mr. Nguyen was a Resident Engineer and Inspector responsible for all construction phases, including construction of five soft ground tunnels, installation of 16-inch and 20-inch sewer ductile piping, 36-inch reclaimed water steel welded piping, 10-inch HDPE gas line, fiber optic conduit and cable. Coordinated inspections and interfaced with other associated agencies. Served as a qualified person for site stormwater pollution prevention plan.

680 Recycled Reservoir/944 Recycled Pump Station, Otay Water District (Chula Vista, CA) - Mr. Nguyen was a Field Inspector for construction of a 3.2-million gallon subterranean, post-tensioned, wire-wrapped concrete reservoir for recycled water and a 12-mgd recycled water pump station using three 350-hp VFD pumps. Inspected cast-in-place concrete tank, pump station building, Bridge Crane, FRP tank, HVAC fans, coils, Condensing unit, Ductworks, FRP ducts, Vertical Turbine Pumps, Sump Pumps, underground RCP, CML&C, PVC, C-900 piping, field pressure test of all piping and leak test of tank.

Pipeline Rehabilitation Metropolitan Wastewater Department Capital Improvement Program (San Diego, CA) - Mr. Nguyen was an Inspector for the rehabilitation of 28 miles of sewer mainline throughout the San Diego area. This contract comprised the video and sewer main rehabilitation of approximately 28 miles using CIPP Liner ranging from 8- to 18-inch-diameter pipe (mostly vitrified clay), including service lateral (top-hat) connections, partial lining of 2,615 sewer house laterals, rehabilitation by the vertical foot or replacement of approximately 682 manholes and installation of 2,615 service lateral clean-outs. All rehabilitated mainline, sewer laterals, manholes and clean-outs were verified by a final post lining video, which was also used for the final as-built drawings.

James Walls
In Plant Inspection - Walls Inspection, Inc.

YRS EXPERIENCE: 31

CERTIFICATIONS:
American Welding Society, Certified Welding Inspector (CWI#81114681). Technical training, re-certification to Level-III for EC, VT, AE, UT, RT, MT and PT in accordance with SNT-TC-1A requirements. Re-certified to: Level III Proficiency requirements in accordance with SNT-TC-1A, for: ET, LPT, MPT, RT, UT, & VT certification requirements.

SPECIAL TRAINING:
Course completed in I-EEE, EPRI, ANSI/NFPA 70 Electrical Code Requirements. Study course completed for coverage of California Fire, Welding, Building, Plumbing Codes, and Building Standards.

Course completed in AWWA, AWS, and ASME Code Standards requirements. ISO-9000 Auditor training course completed.

James A. Walls has mastered more than 31 years of progressive technical experience, beginning as a tool and die machinist and welder on Piping, to pressure vessels, piping instrumentation, valves, pumps, pipelines and other related equipment in utility plants, refineries and industrial manufacturing sites. This background has led to developing his specialized expertise to become an expert in Quality Control / Quality Assurance (QC/QA) inspections for major clients. His expertise ranges in complexity on projects that include Nuclear Generating Facilities, Utility Plants, Fossil Fuel Generating Plants, Refineries, Petrochemical Complexes and Industrial Plants, as well as Regional and County Water Agencies for pipelines and pump systems. Currently, Mr. Walls is Vice President and General Manager for Walls Inspection Company and has prior experience with the San Diego County Water Authority, Metropolitan Water, Southern California Water, Las Vegas Valley Water, and various other Water and Generation infrastructures.

RELEVANT EXPERIENCE:

Provided all in-plant steel pipe and specials fabrication inspection and testing for Otay Water District's 30-inch Recycled Water Pipeline Project and 640-1 & 640-2 Reservoirs Project CML&C Pipe.

Large Pump, and relate Equipment, Specific Experience: Inspection and installation of pumps and related piping with various drivers, HP ratings which ranged from 50 through 25,000 Horsepower rating, for clients throughout the world, while at Arthur G. McKee, Engineering Company.

Inspection, testing, and installation, Reactors, Main Steam Piping and Control Systems, turbine feed water, transfer, and cooling tower circulation pumps and turbines for Cleveland Electric Illuminating Company's nuclear Generating Station, Perry, Ohio.

Inspection and installation of 47 centrifugal pumps with drivers having HP ratings with a range of 50 through 1500 HP, for British Petroleum Company along with other clients.

In-plant inspection performed on 6 centrifugal pumps with 15,000 HP turbines, for Methonex Company, Port Aranses, Chile, and 25,000 HP Pumps for Aramco. In specific, QA / QC inspection services on pump / Control systems has been performed by Walls Inspection Company on centrifical, radial, mixed and axial flow pumps, single or multi-stage, with volute, circular or diffuser type cases, and horizontal or vertical shafts with single or double suction designs. Also, expertise includes reciprocating pumps with single or double active plungers, as well as gear driven pumps, for semi-solid liquid pumping systems. Pump horsepower rating has ranged from 100 HP, on motor or turbine driven pumps, up to 25,000 HP ratings for Saudi Aramco centrifical pumps for cross-country oil pipelines in the Mid-East.

Pressure Vessels, Piping, Pump and motor inspections have consisted of all stages of manufacturing, including casting, fabrication, non-destructive testing on materials, performance, NPSH, test plans, reports, raw data, corrected data, post test examination for wear and installation of systems at Plants and Jobsite to include start-up and operations on site.

Firm Personnel Titles	Local Office Size Total/ Professionals	Degrees, Affiliations, & Licenses	Years Exp. On Water System Projects	Years Experience Total/With Firm / As PM	Similar Projects Past 5 Years	% Change Orders	Projects With Otay Past 5 Years	% Change Orders
RBF Consulting Wayne Papac Project Manager / Chief Resident Engineer	118 / 96	General Engineering Construction Contractor (Class A) – California & Hawaii With Supplements for Hazardous Materials and Asbestos Abatement Affiliations: CSLC, CMAA	41	41 / 3 / 40	1. 30-Inch Recycled Water Pipeline Project 2. 640-1 and 640-2 Potable Reservoirs Project 3. Relocation and Replacement of Pipeline 3 at SR 125/94 Interchange 4. Reclaimed Water System -10 contracts, $42 Million (City of San Diego)	1. 0.64% 2. –0.02% 3. 5%	1. 640-1 and 640-2 Potable Reservoirs Project 2. 30-Inch Recycled Water Pipeline Project 3. 680 Recycled Reservoir/944 Recycled Pump Station 4. Dehesa Road Waterline Extension 5. Patzig Reservoir – Post-Construction Claim Defense 6. OWD 711 – Post Construction Claim Defense	1. - 0.02% 2. 0.64% 3. -0.4% 4. 0.0% 5. N/A 6. N/A
RBF Consulting Doug Cook Assistant Project Manager / Contracts Manager	118 / 96	BS Management Affiliations: CMAA	11	16 / 2 / 10	1. 30-Inch Recycled Water Pipeline Project 2. 640-1 and 640-2 Potable Reservoirs Project 3. Reclaimed Water System -10 contracts, $42 Million (City of San Diego)	1. 0.64% 2. –0.02% 3. 9% mostly owner program	1. 640-1 and 640-2 Potable Reservoirs Project 2. 30-Inch Recycled Water Pipeline Project 3. 680 Recycled Reservoir/944 Recycled Pump Station 4. Patzig Reservoir – Post Construction Claim Defense	1. - 0.02% 2. 0.64% 3. -0.4% 4. N/A
RBF Consulting James Bassett Lead Resident Engineer	118 / 96	OSHA 40-Hour Hazardous Waste Operations Training OSHA Construction Safety Standards Affiliations: CMAA	28	29 / 2 / 18	1. 30-Inch Recycled Water Pipeline Project 2. 640-1 and 640-2 Potable Reservoirs Project 3. Reclaimed Water System -10 contracts, $42 Million (City of San Diego)	1. 0.64% 2. –0.02% 3. 9% mostly owner program	1. 640-1 and 640-2 Potable Reservoirs Project 2. 30-Inch Recycled Water Pipeline Project	1. - 0.02% 2. 0.64%
RBF Consulting Charlie Templeton Resident Engineer/Inspector	118 / 96	Affiliations: CMAA	28	29 / 2 / 26	1. Reclaimed Water System -10 contracts, $42 Million (City of San Diego)	1. 9% mostly owner program		

PBS&J Hoang Nguyen Resident Engineer/Inspector	109 / 79	Degreee: A.A., Automotive Technology Licenses: USACE Construction Management Certificate, 2004 ACI Concrete Field Testing Technician Grade I Certificate, 2004	10	25 / 2 / 0	1. City of San Diego MWWD North City Raw Sludge and Water Pipelines-II 2. SDCWA 96-Inch Welded Steel Water Pipeline Construction 3. Mesa Drive Water Main and Two Pressure Reducing Stations 4. Reclaimed Water System -10 contracts, $42 Million (City of San Diego)		1. OWD 30-Inch Welded Steel Water Main Extension 2. 680 Recycled Reservoir/944 Recycled Pump Station	1 2. -0.4%
Walls Inspection Co. James Walls In Plant Inspector	2 / 0	Licenses: AWS Certified Welding Inspector	21	30 / 20 / 6	1. 30-Inch Recycled Water Pipeline Project 2. 640-1 and 640-2 Potable Reservoirs Project 3. SDCWA Pipeline 3 Relocation 4. Amador Water District. 5. Salt Lake / Sandy, POMA Project 6. San Bernardino Water District 7. Bushard Trunk Sewer, OCSD Project 8. East Bay Municipal Utilities District		1. 640-1 and 640-2 Potable Reservoirs Project 2. 30-Inch Recycled Water Pipeline Project	1. - 0.02% 2. 0.64%

APWA	American Public Works Association
AWS	American Welding Society
CELSOC	Civil Engineers and Land Surveyors of California
CSLC	California State Licensed Contractor
ASCE	American Society of Civil Engineers
CMAA	Construction Management Association of America (Regional Chapter Board Member)
CWEA	California Water Environment Association
CLSA	California Land Surveyors Association
ASTM	American Society for Testing & Materials
AWWA	American Water Works Association

PROJECT EXPERIENCE AND CLIENT REFERENCES

Otay Water District 30-Inch Recycled Water Pipeline Project
Dairy Mart Road to 450-1 Reservoir, San Diego & Chula Vista, CA

CLIENT REFERENCE:
Rod Posada, PE
Otay Water District
(619) 670-2293

CONSTRUCTION VALUE:
$14,747,600.00

KEY STAFF MEMBERS:
Wayne Papac
Doug Cook
Jim Bassett
James Walls (subconsultant)

PROJECT ELEMENTS:
- ✓ 29,150 LF of 30-inch CML&C Pipe
- ✓ Bore & Jack Beneath Active MTDB double-track light rail and 750 LF Ackerman Bore beneath Interstate 5
- ✓ 1,470 LF 30-inch Steel Horizontal Directional Drill with 3,000 foot radius
- ✓ 3 perpendicular and 1 longitudinal Caltrans permit
- ✓ Constructed partially at night on 40,000 ADT Roads
- ✓ Significant environmental constraints working adjacent to two active wetland areas and through three grassland habitats

RBF provided full-service Construction Management services and resources, including construction support for safety, risk management, contract administration, public affairs for community relations and labor relations, as well as Chief Resident Engineer, Resident Engineer and Inspector services for the project. Close coordination was maintained with the City of San Diego's Development Services and City of Chula Vista Inspection Departments, as well as the City of San Diego Metropolitan Wastewater and Water Departments.

The project consisted of 29,150 LF of 30-Inch CML&C steel pipe in street ROW and environmentally sensitive habitat alignments, a 1,470 LF 30-Inch Horizontal Directional Drill and two Auger Bores totaling 980 LF beneath Interstate I-5 and MTDB Trolley Tracks.

The project connects Otay Water District to the City of San Diego South Bay recycled water distribution system. The pipeline will convey the recycled water from the South Bay Water Reclamation Plant on Dairy Mart Road to a new reservoir and pump station facility (not part of this Contract) just South of Olympic Parkway in the City of Chula Vista. The pipeline will then continue on the pressure side of the pump station and connect to an existing Otay Water District recycled water pipeline in Olympic Parkway in the City of Chula Vista.

Resulting from permit constraints, physical pipeline installation did not commence until September 28, 2005. A full Notice to Proceed was issued to the Contractor on September 28, 2005 and pipeline installation commenced immediately. The project was completed two months ahead of schedule with a 0.64% change order rate.

$1.2 Billion City of San Diego MWWD CIP Program – Pipelines / Tunnels / Reclaimed Water Group Contracts, San Diego, CA

CLIENT REFERENCE:
Craig Whittemore
City of San Diego MWWD
(858) 292-6471

CONSTRUCTION VALUE:
$224,000,000.00

KEY STAFF MEMBERS:
Wayne Papac
Doug Cook
Jim Bassett
Charlie Templeton

PROJECT ELEMENTS:
- ✓ Construction Manager for 42 miles of water pipeline ranging in size from 8" to 48"
- ✓ Varied construction from tunneling to open cut and arterial roads to open field installations
- ✓ Excellent working relationship with many San Diego County-based pipeline contractors

RBF personnel, Wayne Papac, Doug Cook, Jim Bassett and Charlie Templeton provided Construction Management consultant services to the Metropolitan Wastewater Department for 44 Wastewater and Reclaimed Water contract packages including 42 miles of recycled water pipelines.

Wayne and Doug carried out liaison and coordination responsibilities with client's Program Managers and Associate Engineers, participated in client's partnering program for all pipeline contracts, conducted review of field conditions with Lead Resident Engineers, Resident Engineers and Inspectors and conducted reviews of technical specifications and change order estimates for pre-negotiating support to contract managers. They ensured that contract field submittal reviews were properly documented and maintained by support staff along with contract field records, daily reports and contractor as-builts and helped formulate alternate solutions to resolve changed field conditions, while working closely with the Engineer of Record to implement solutions for differing site conditions.

Jim and Charlie served as Resident Engineers and worked closely with third party groups in coordinating the execution and testing of the work, supportive of the client's safety requirements, as well as CAL-OSHA regulations and the contractor's programs for strong safety programs. They encouraged contractors to improve performance of their construction schedules to meet milestones/work completion dates through improved work efforts, resources and construction techniques.

Otay Water District 640-1 and 640-2 Reservoir Projects
Spring Valley, CA

CLIENT REFERENCE:
Rod Posada, PE
Otay Water District
(619) 670-2293

CONSTRUCTION VALUE:
$24,888,450.10

KEY STAFF MEMBERS:
Wayne Papac
Doug Cook
Jim Bassett
James Walls (subconsultant)

PROJECT ELEMENTS:
- ✓ 2- 10 MG DYK Type Concrete Reservoirs
- ✓ 5,660 LF of 42-inch CML&C Pipe
- ✓ 100,000 CY blasting rock
- ✓ Adjacent to environmental sensitive areas

RBF is currently providing full-service Construction Management services and resources, including construction support for safety, risk management, contract administration, community and labor relations, as well as Chief Resident Engineer, Resident Engineer and Inspection services for the project.

The project consists of 2- 10 million-gallon, wire wrapped, post-tensioned reinforced concrete storage tanks cut into two hillsides involving over 108,000 CY of drill & blast rock, 543,000 CY mass grading operation, 5,660 LF of 42-inch CML&C pipe and all associated steel, PVC and RCP site piping and demolition of an existing 1.6 million-gallon concrete reservoir. This work is being accomplished adjacent to environmentally sensitive habitats and within an active community planning group area. Upon completion of construction the tanks will be partially buried, displaced soil will be countoured in the balance area and native plant species will be restored on unimproved areas.

This project is currently ahead of schedule showing 52% complete by cost and 39% by time. It is currently scheduled for testing and start-up in August 2008, prior to the November 2008 completion date.

Relocation and Replacement of Pipeline 3 at SR 125 / 94 Interchange
San Diego, CA

CLIENT REFERENCE:
John Economides
San Diego County Water Authority
(858) 522-6801

CONSTRUCTION VALUE:
$5,300,000.00

KEY STAFF MEMBERS:
Wayne Papac
James Walls (subconsultant)

PROJECT ELEMENTS:
- ✓ Coordination with Caltrans, Helix Water District and County Water Authority
- ✓ 78-foot Hard Rock Shaft
- ✓ Caltrans Right-of-Way
- ✓ Live Aqueduct Crossing
- ✓ Mixed Face Tunneling
- ✓ Tunnel Instrumentation for Freeway Crossing

This project consisted of relocating a segment of the San Diego County Water Authority's Pipeline 3 to facilitate the construction of the State Route 125 / 94 Interchange. Pipeline 3 is a 66-inch-diameter pipeline, and is the smallest of the three pipelines that make up the Second San Diego Aqueduct. The project included approximately 1,200 feet of tunneled 72" pipeline and 400 feet of open cut pipeline installation. The project also required the construction of three vertical shafts to facilitate construction of the tunneled portions of the relocation project, and two tie-ins to the existing Pipeline 3 at the project limits.

The design and construction management team, which included RBF personnel, faced a variety of challenges. Variable geologic conditions along the tunneled portion of the project required a multitude of shaft and tunnel excavation methods, including drill-and-blast, roadheaders, shield tunneling, and hand mining. Support methods for the shaft and tunnel excavations included rock bolts and wire mesh, soldier pile and lagging, forepoling and spiling, and expandable steel ribs and lagging. Other project considerations included limited site access at the shafts, community relations due to proximity to residential areas, and uncertainties related to potential groundwater inflows.

City of San Diego MWWD Pipeline Rehabilitation in the ROW and Easements – Phase A, San Diego, CA

CLIENT REFERENCE:
Margaret Llagas, P.E.
City of San Diego MWWD
(858) 654-4494

CONSTRUCTION VALUE:
$15,700,000.00

KEY STAFF MEMBERS:
Wayne Papac
Doug Cook
Jim Bassett
Hoang Nguyen (subconsultant)

PROJECT ELEMENTS:
- ✓ Complex Small and Large Diameter Pipeline Rehab
- ✓ National Recognition Project
- ✓ Full range of Design and CM services provided
- ✓ Worked in Both Environmentally Sensitive and High Traffic Locations

This was the first of several contracts to implement trenchless technology to reduce sewer spills, maintenance costs, community impacts, and extend the service life of the City of San Diego's aging sewer system. RBF personnel provided Construction Management services and resources, including construction support for safety, risk management, contract administration, and project controls.

The Rehabilitation Phase "A" projects included the video inspection and lining of approximately 27.4 miles of sewer mains, sealing of 2,613 service lateral connections, rehabilitation of 848 laterals with Cured-in-Place Pipe technology, installing 1,761 property clean-outs, and rehabilitation of 639 manholes. The project utilized Cured in Place Pipe (CIPP) technology, consisting of polyester felt impregnated with thermoset vinylester resin to line sewer mainline pipes and trunk sewers; fiberglass laminate with polyester resin "top hat" systems to seal house service lateral connections; and polyester felt with vinylester and epoxy resins for rehabilitation of deteriorated house service laterals to completely seal the system.

The work affected over 3,300 residences and businesses encompassing a 450 square mile area of San Diego. Therefore, tracking as many as 12 individual work crews in both Right-of-Way and easement areas, and field coordination between CM Inspection and the Contractor became crucial to maintaining construction progress and tracking of Work-In-Place.

Recycled Water Pipelines, 680 Recycled Reservoir / 944 Recycled Pump Station, Chula Vista, CA

CLIENT REFERENCE:
Rod Posada, PE
Otay Water District
(619) 670-2293

CONSTRUCTION VALUE:
$5,348,705.00

KEY STAFF MEMBERS:
Wayne Papac
Doug Cook
Hoang Nguyen (subconsultant)

PROJECT ELEMENTS:
- ✓ Complex Coordination Requirements between Otay Water District, City of Chula Vista and Eastlake Development Co.
- ✓ Fully Subterranean Reservoir and Covered Pump Station

RBF personnel provided consultant services to Otay Water District for Eastlake Development Co. The project provides reclaimed water storage capacity to balance areas of Chula Vista and transfers water to higher elevation for additional distribution and balance pressure.

This project consists of an underground complex composed of a 3.2 million-gallon, wire wrapped, reinforced concrete storage tank, all associated steel, PVC and RCP piping and a reinforced concrete pump station with two 1,500 to 6,600 GPM VFD pump systems that serve the Eastlake irrigation areas and the City of Chula Vista. Prior to construction completion, the tank and pump station were covered with backfill and the entire surface area of the structural improvements was prepared for a subsequent Contract to install park landscape and hardscape. Future development by the Eastlake Company and the City of Chula Vista included transforming the site into a sports complex that will include two youth soccer fields, two basketball courts, a roller hockey rink, tot lot, bathroom facilities and a barbeque area with landscaped walking trails weaving through the nearly 12 acre site.

PROJECT REFERENCES FROM EXHIBIT D

Poggi Canyon Trunk Sewer, City of Chula Vista
Roberto Yano, PE
(619) 397-6217

30-Inch Recycled Water Pipeline, Otay Water District
Rod Posada, PE
(619) 670-2293

City of San Diego Metropolitan Wastewater District
Margaret Llagas, PE
(858) 654-4494

PROPOSED METHOD TO ACCOMPLISH THE WORK

Construction Management Services Understanding

RBF's understanding of its role on the 36-Inch Potable Pipeline Project is to support the District through the provision of an **independent, third party CMIS**, as your authorized agent in the management of the pre-construction and construction activities related to the project as follows:

- ✓ Staff the CMIS positions with **solution oriented,** seasoned construction management professionals with significant and relevant pipeline experience. Professionals with requisite experience with OWD and the W.A.S. Standards.
- ✓ Follow OWD established standards and contract procedures for project execution, reporting, and field records management.
- ✓ Provide a well-managed field staff that is sensitive to the need to have an integrated and seamless team with OWD's staff and your Design Engineer (Infrastructure Engineering Corporation).
- ✓ Provide all the skills needed to address the required specialized areas such as: pre-construction/constructibility review, full-time onsite inspection of traffic control, survey, excavation including rock removal and dewatering activities, pipeline installation, testing, weld inspection, backfill and paving and monitoring progress in coordination with the County of San Diego, City of El Cajon, Caltrans, Cuyamaca College, Otay Water District, and interact with members of the public rights-of-way.
- ✓ Supervising contractor furnished materials and geotechnical testing.

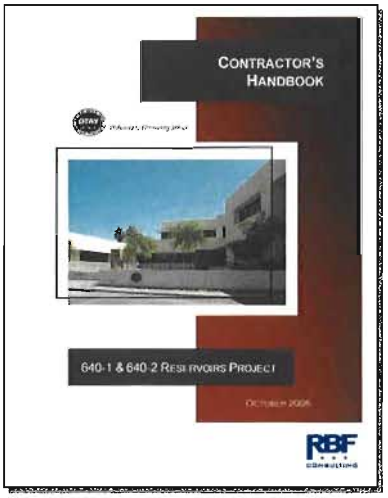
You will note that the CMIS Organization chart on page four shows the relationship of the key field positions, and sets the relationship for levels of partnering between the CM, Contractor, and Owner. We have found on previous OWD Projects and the City of San Diego's $1.2 Billion Clean Water Program that the various partnering levels of interaction can resolve issues at the lowest level possible and through the partnering process, before positions become hardened and claims begin to take hold of the relationship. We believe solutions can be identified through the partnering process. We also believe that as a "**Third party CMIS group**" with significant contracting experience we bring a Contractor's viewpoint to the **owner's** side of the

table, which gives the District well rounded input for construction contract decision-making.

Project Approach

Our general approach is based on the belief that well integrated project teams and successful projects do not occur naturally, success is the result of a focused QA/QC management effort. In terms of the implementing our Construction Management Plan to deliver the project and its requirements, we foresee instituting the following QA/QC management focus:

- ✓ Look Ahead Goals, Weekly Progress Meetings, Risk Management
- ✓ Responsibility Assigned Matrix, and communications protocol
- ✓ Project Specific Organization Chart
- ✓ Key Factors Affecting Project Success
- ✓ Interim Milestone Schedules
- ✓ Reporting (Daily, Monthly, Accident, Special, and Safety)
- ✓ Contract Administration (including Contractor's handbook)
- ✓ Cost Control of Construction Schedule
- ✓ Correspondence/Records Documents
- ✓ Construction Photo Management
- ✓ Quality Assurance / Inspection
- ✓ Project Close-out and NOC
- ✓ Dispute/Claim Management/Docs
- ✓ Management Meetings/Docs
- ✓ Start-Up/Implementation of Start-Up Plan
- ✓ Community Relations
- ✓ Monthly Pay Application Processing
- ✓ Change Order Management
- ✓ RFI Management
- ✓ Submittal Management
- ✓ Safety / Health Requirements



Challenges and Opportunities

After reviewing the plans and specifications as well as the RFP and pulling from "lessons learned" knowledge on past pipeline project experiences, we foresee the following challenges and opportunities.

Quick and Smooth Start is Essential

It is essential to focus quickly and transition smoothly on the CMIS requirements for the 36-Inch Potable Pipeline project. This start will set the tone for the entire District / CMIS relationship. Therefore, we are assigning our most experienced professional management and pipelines employees to this project. We have the opportunity of doing the best job possible to continue our lasting team relationship with the District, while getting the Project off to a quick and smooth start. This can be achieved by using our previous CMIS relationships with the District on the 30-inch Recycled Water Pipeline Project, the 640-1 & 640-2 Reservoirs Project, 680/944 Reservoir and Pump Station Project as well as our recently completed Patzig Reservoir claim support work as a basis to begin. We will exceed your expectations and we will succeed together on this project as a team.

Importance of Constructibility Reviews

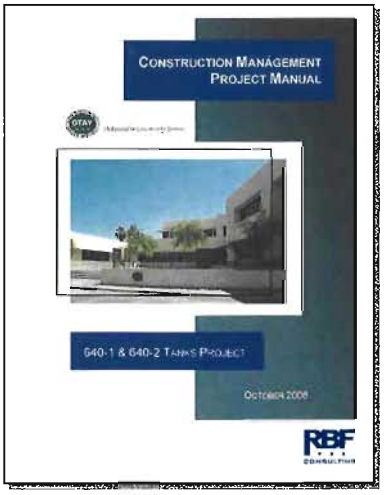
Our approach to Constructibility Reviews is to view the project as a Contractor planning and executing the work. Focusing on site, environmental and technical constraints that are not indicated on the drawings and alternatives to mitigate difficulties, we utilize our local experience and find issues that have resulted in previous change orders or confusion on the part of Contractors and eliminate them. This process of taking a contractor's perspective, and our experiences in completing this work for over 89 miles of local pipelines, affords us an unparallelled amount of experience in local conditions and how the bidding contractors will view the project. We also utilize our Contract Management experice to provide input in the "front end" documents that afford the CM the "tools" to actively manage the Contract effectively.

Setting the Tone for Professional Consistent Contract Management is Critical

Our approach to stakeholder management is to treat each stakeholder in a professional and consistent manner. Once the contractor understands our expectations, that the documents are being interpreted in a consistent manner, and that all stakeholders are being treated in a fair and equitable manner, they will respond likewise, thereby creating fewer problems in administering the project. The Contract Documents set the standards of construction, and the interpretation of these documents in a reasonable manner will make for a harmonious construction management atmosphere. **Having worked with most of the local contracting community we have a reputation for being firm but fair in the resolution of project issues. This reputation sets the stage early in the project for a successful relationship.**

Weather and Environmental Issues are Key Factors

Due to the site being exposed to weather and environmental considerations, the weather season could bring favorable or unfavorable factors, depending on the actual rainfall. Particular attention should be given to the January 09 – March 09 time frame. We will pay attention and work closely with the contractor's construction schedule during this period to minimize any loss in productivity and / or work product. An "ounce of prevention" is worth a "pound of cure" to construction schedules in these time frames. In the event weather or environmental issues became a significant factor, we will work with Otay Water District and the contractor to re-prioritize activities to maintain production by addressing any activity that could begin concurrently, or looking for areas to extend working hours or locations.



Community Relationships are Important

We pride ourselves in being "good neighbors" in the community for all projects. We have been highly successful in over 89 miles of pipe in the ground here in San Diego County with pipelines in the public rights-of-way in some of the busiest thoroughfares in San Diego County, including Jamacha Blvd. We have completed each of these projects without adverse public sentiment by working with the communities involved and listening to their concerns. We also get the contractors involved in being part of the community relations program as a project stakeholder. Our philosophy is exemplified most recently on the 30-inch Recycled Water Pipeline, traversing 5.5 miles through two cities adjacent to housing with zero homeowner complaints. This record can only be achieved through an active process of informing our "neighbors" of the contruction progress and maintaining the project schedule.

Methodology

Given the foregoing above, **RBF's** methodology for executing the Pipeline - 36-inch, SDCWA FCF No. 14 to Otay Regulatory Site project is fairly straightforward.

Construction Management Procedures

Upon award of the Construction Management Inspection Services Contract, RBF CMIS Project Manager and the key CMIS team personnel will begin to interface with the District and refine our existing **Construction Management Project Manual** for all tasking, including pre-construction efforts. We will ensure that the District's standards, processes and expectations are fully understood, and incorporated into our manual. We will also ensure that our intra-communications systems are optimized with the District's and develop all information required to support the contractor's needs in tasking the field and executing the contract.

The CM Manual will incorporate all measures to fully ensure we meld the CMIS team into the District as a "seamless" team and come up to **full production immediately** to ensure an accurate, effective and timely 60% constructibility review.

Pre-construction Services

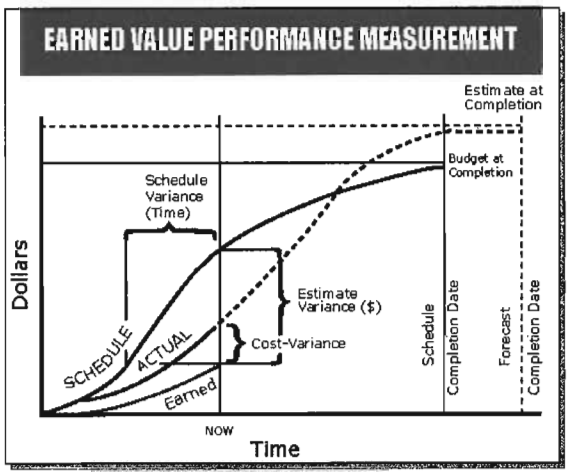
Our CMIS team will immediately begin pre-construction services to the District on the project. We will build upon our involvement in the Value Engineering workshop and 30% design review and immediately begin on the 60% design/constructibility review. During this timeframe we will also prepare the CMIS team for mobilization in the field. Our Lead Resident Engineer (RE) will follow the plan approved by the District and prepare the entire team for its duties in the field. The District's Project Manager and staff, along with our key CMIS team members, will be positioned and ready at the time of contract award. We will also use this time to tailor our **Contractor's Handbook** to the 36-inch Potabale Pipeline, SDCWA FCF No. 14 to Otay Regulatory Site for delivery to the Contractor at the pre-construction conference. We have found the Contractors Handbook beneficial in providing the Contractor with all the necessary project forms, RFI's, Pay Applications, Submittal Transmittal Forms, etc. in both electronic and hard copy format. We will also provide him / her a background of the project and how we as the Owner / CMIS Team conduct business.

Inspection Plan

As part of our CM Manual a CMIS Construction Quality Assurance / Quality Control (QA/QC) and Inspection Work Hours Loading Plan will be tailored to the project. This aspect is critical to the overall success of the project to ensure field inspection meets the District's expectations and **RBF's** team objectives.

Controls and Scheduling

To measure contractor performance during construction on projects assigned, the CMIS team proposes to use an integrated control system. We suggest that the specifications be amended to require a cost loaded Primavera Project Planner schedule, due to the size and complexity of the project. This requirement will ensure the contractor develop performance management schedules for approval using Primavera Project Planner, prior to the start of work. We will also monitor performance to assure that the contractor's assessment of monthly progress is correct.



Accurate progress measurement is essential in determining earned value for the work accomplished. Earned value represents "what it should have cost (based on the budget) for the work that has been performed." The earned value approach to performance measurement allows for cost and schedule variance analysis

Other CMIS management tools using the earned value approach include schedule markers that provide indicators of the contractor's ability to recover from behind-schedule conditions. The earned value performance measurement approach will be done in a systematic and documented process throughout construction. A variety of reports can be used for analysis and trending of performance measurement data.

We will utilize Primavera as the primary schedule module in our integrated controls system. We will maintain detailed construction contract CPM schedules that can be summarized to program summary level schedules and trend analyses.

A detailed CPM schedule will be maintained at the contract work level and pay applications will be evaluated on the basis of the cost loaded schedule. The Contractor will be required to develop detailed schedules and be required to provide that data on disk in a standardized format for ease of integration. Schedule reviews with the contractor will be conducted on a monthly basis throughout construction. With the replaced schedule specification the Contractor will be required to provide recovery plans for activities that may fall behind schedule. Doug will prepare schedule impact analysis when the contractor requests a time extensions.

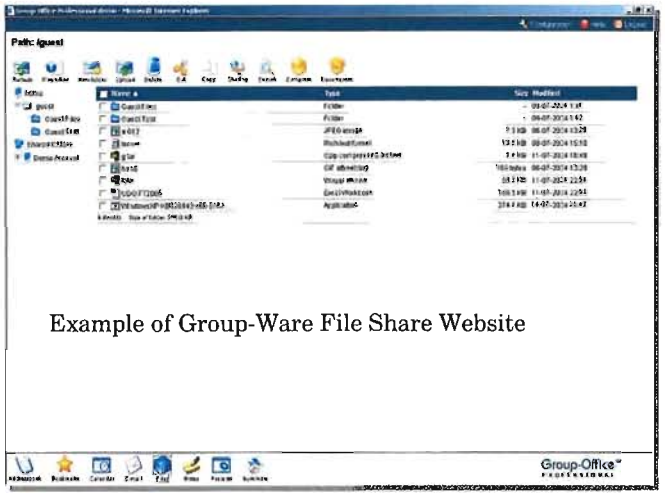
Estimating

Cost estimates form the cornerstone of our project control activity and are integral to scheduling duration of activities, establishing quantities for progress measurement, and planning resources. Estimates will be prepared and updated regularly. Wayne brings knowledge of the local construction market and direct experience with pipeline and facility projects for increased accuracy of our estimates. Benefits of our estimating system:

- ✓ Evaluates bids and contractor's cost loaded schedules
- ✓ Provides for reviewing progress payments
- ✓ Facilitates analyzing change orders and claims

Document Control

Our CMIS team will continue to utilize a non-proprietary PC-based Document Control System that the District has experienced on the 30-inch Recycled Water Pipeline Project and the 640 Reservoirs Project. As shown on that project our system integrates with existing District software for receipt, indexing, tracking, filing, distribution, and retrieval of all contract records and documents including RFIs, submittals, RFCs, design clarifications, RFPs, proposals, payment applications, shop drawings, change orders, contract documents, as-builts, Notice of Completion, etc. A dependable document control system provides:



Example of Group-Ware File Share Website

- ✓ Reduced administrative costs
- ✓ Cross referencing of documents
- ✓ Electronic document retrieval
- ✓ The key to managing claims

Lines of Communication

RBF utilizes Nextel and PDA type cellular telephones for communications between all field employees, enabling rapid communication between the office staff and field personnel.

We propose expansion of our existing Web site that will interface the District, CMIS Team, and Contractor's interchange of documentation, such as appointment calendars, meeting minutes, RFIs, and record of project communications on the project site.

The proposed Website contains a Group-Ware suite containing a base system and different modules. The modules are designed so that groups of people can collaborate online. Modules we currently use consist of:

- ✓ Address book – To enable any team member to log on to the website and obtain a copy or reference any other team members contact information.
- ✓ File system – To enable any team member to log on and retrieve previously transmitted documents. The file system module is used to store files online and share them if you want with other users. It looks like the file manager people would expect, making file sharing easy.
- ✓ Calendar – To enable team members to be aware of project meetings and significant project events. It's easy to set up multiple calendars and share them with other users.

Additionally, our field office will be fully equipped with full data communication access (anticipated to be provided by the construction contract) to **RBF's** server, project website and e-mail system, which will expedite off-site communications among the District, the Contractor, and the CM and other stakeholders.

Change Orders and Claims Management

All too often during the construction phase of a project, the designers issue field clarifications or design bulletins with expensive and time-consuming solutions to inexpensive problems. One value added aspect of our CMIS team is our ability to work with OWD staff to assure that when changes are authorized, they represent an appropriate and cost effective benefit to the project.

Our approach to change order management involves the following seven steps:

- ✓ Avoid changes by performing detailed Biddability / Constructibility / Operability reviews prior to contract award.
- ✓ Establish written procedures for evaluating potential changes, including a responsibility/ assignment matrix and flow chart for processing the change.

- ✓ Maintain potential change and actual change order tracking logs.
- ✓ Perform a preliminary evaluation of change requests from any party for appropriateness, cost-effectiveness, District confirmation of entitlement, and time impact prior to issuing it to the contractor for quotation.
- ✓ Prepare independent estimates and schedule impact analyses for proposed changes to be used as a baseline for negotiations.
- ✓ Maintain a fair and objective approach to negotiations.
- ✓ Assure that appropriate changes are authorized in a timely manner.

Many of the procedures listed above are also part of our claims management procedures. In addition, we propose use of a dispute resolution ladder will help to resolve issues or, as a minimum, help to focus the dispute to its essential elements. When directed, the CMIS team will provide schedule impact analysis, cost analysis, factual historical background, timeline, alternate responsibility scenarios, supporting contract terms or other appropriate data and analysis in support of the District's defense against claims.

Monthly Reporting

Subsequent to each Contractor monthly progress payment, the CMIS team will prepare a monthly Construction Management Status Report. The Status Report will review the month's field activities, status' of submittals, RFI's, etc. as well as detail current contract status. We will also provide a baseline vs. actual look at the monthly and cumulative billing. We have found through our experience this is one of the best ways to indicate upcoming construction schedule problems.

Start-up and Closeout

As the construction contract enters the completion phase, the PM/RE will work with the District and the Designer to develop a functional testing and start-up plan. We will use our experience with the District as a basis for coordinating with Otay Engineering and the designer, as we have previously successfully accomplished. We will also coordinate with Otay operations personnel for use of the pipeline in delivery of potable water to the 640-1 & 640-2 Tanks. Upon successful start-up we will take steps to closeout the contract within 60 days of substantial completion, which allows for a consistent down phasing of contract administration on the project. The entire team will then be demobilized from the field upon the satisfaction of the CMIS Contract and will have prepared all District deliverables and closeout of RBF's CMIS contract.

We are prepared to provide the experienced key personnel to accomplish the above tasks in the best interest of the District and the Project. We are confident in our abilities because we have completed the same scope of services on many challenging local pipeline projects.

KNOWLEDGE OF JURISDICTIONAL AGENCIES

RBF's team provides a strong combination of pipeline design experience in San Diego County and knowledge of jurisdictional agencies and regulatory requirements. Our staff has designed more than 20 miles of pipelines in the past 3 years and has coordination experience with all the major agencies with facilities inside OWD's boundaries; namely, Caltrans and County of San Diego.

RBF subscribes to USA-Alerts Utility Company Service, which provides a listing of all utility companies with facilities in the project area. This service is available to check the location of documented utilities along the pipeline corridor if required.

RBF is familiar with the requirements of numerous permitting agencies and understands the need to begin the permit process early to avoid project delays.

Our past experience is included with local permit acquisition and agency coordination in the following table:

Permits Acquired	Local Agency Coordination
County of San Diego: Traffic Control Permits / Roadway Restoration	County of San Diego – Road Department
Various CA Regional Water Quality Control Boards: NPDES Permits for Wastewater, Storm Water, and Dewatering	County of San Diego Health Dept. – Reclaimed Water
Caltrans Encroachment & Traffic Control	AT&T
San Diego County Health Dept.: Well Drilling, Hazmat Disposal	San Diego Gas & Electric
U.S. Fish & Wildlife: Wetland Mitigation	Cox Cable TV
CA Department of Fish & Game: Streambed Alteration	Southwestern Cable TV
City of San Diego: Industrial Waste Discharge	Time Warner
City of San Diego: Traffic Control	Various Fiber Optic Components
City of San Diego: Canyon Access	MTDB
CA Dept. of Health Services: Water Quality	City of El Cajon
FAA: Construction Permits	
U.S. Army Corps of Engineers: Clean Water Act Section 404	
City of Chula Vista: Traffic Control	City of Chula Vista

Project Team Otay Water District CMIS Experience

- ✓ 640-1 & 640-2 Reservoirs Project
- ✓ 30-inch Recycled Water Pipeline
- ✓ 640/944 Reservoir & Pump Station
- ✓ 980-2 Pump Station Closeout Support
- ✓ Dehesa Road Waterline Extension
- ✓ Patzig Reservoir Claim Support and Expert Witness Testimony

COST PROPOSAL – EXHIBIT E

Our detailed cost proposal follows.

EXHIBIT E

RBF Consulting

DESCRIPTION		HOURS	RATE	AMOUNT	TOTALS
Project Total		**9,379**			**$1,343,585.00**
TASK 1 : Construction Inspection					**$770,135.00**
Project Manager	Papac	84	$155.00	$13,020.00	
Ass't. Proj. Mgr.	Cook	200	$140.00	$28,000.00	
Lead R.E. / Inspector	Bassett	2,241	$135.00	$302,535.00	
R.E. / Inspector	Templeton	1,068	$135.00	$144,180.00	
R.E./Inspector (PBS&J)	Nguyen	1,040	$130.00	$135,200.00	
Plant Inspection (Walls)	Walls	1,600	$92.00	$147,200.00	
TASK 2: Construction Management					**$393,830.00**
Project Manager	Papac	710	$155.00	$110,050.00	
Ass't. Proj. Mgr.	Cook	1,316	$140.00	$184,240.00	
R.E./Inspector	Bassett	300	$135.00	$40,500.00	
Admin. Assistant	Buensuceso	820	$72.00	$59,040.00	
TASK 3: Other Direct Costs					**$52,500.00**
Vehicles, tools, etc.				$52,500.00	
TASK 4: Additional Services					**$127,120.00**
Extended Inspection Hours		420	$150.00	$63,000.00	
Wage Rate Increases				$50,000.00	
Subconsultant Mark-up 5%				$14,120.00	

OTAY WATER DISTRICT
PIPELINE - 36 INCH, SDCWA FCF No. 14 to OTAY REGULATORY SITE P2009

CONSTRUCTION MANAGEMENT and INSPECTION SERVICES
MANPOWER, RESOURCE LOADING, AND COSTING

Pipeline-36 Inch, SDCWA FCF No. 14 to Otay Regulatory Site; Manpower, Resource Loading, and Costing

25 Month CMIS Contract

16 Month Construction Window

	2008							2009																2010						
RBF CMIS Team	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25					
Key CMIS Staff Positions	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	Hours	Rate	Total	% of Cost	Comments
Project Manager, (Wayne Papac) RBF	18	25	26	26	26	25	37	34	35	37	32	37	35	32	35	35	34	35	37	34	35	35	34	37	17	794	$155.00	$123,070.00	9.16%	
Assistant Project Manager (Doug Cook) RBF	32	40	40	40	40	48	60	67	70	74	64	74	70	64	70	70	67	70	74	67	70	70	67	55	50	1,516	$140.00	$212,240.00	15.80%	
Lead Resident Engineer/Inspection (Jim Bassett) RBF	9	8	9	9	9	8	9	34	35	37	160	184	176	160	176	176	168	176	184	168	176	176	168	92	34	2,541	$135.00	$343,035.00	25.53%	
RE/Inspection (Charles Templeton) RBF	0	0	0	0	0	0	0	84	88	92	80	80	80	80	80	80	80	80	80	84	0	0	0	0	0	1,068	$135.00	$144,180.00	10.73%	
Administrative Assistant (Elenita Buensuceso) RBF	10	10	20	20	20	20	20	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	20	820	$72.00	$59,040.00	4.39%	
RE/Inspection (Hoang Nguyen) PBS&J	0	0	0	0	0	0	0	0	0	0	0	184	176	160	176	176	168	0	0	0	0	0	0	0	0	1,040	$130.00	$135,200.00	10.06%	
Plant Inspection (James Walls) Walls Inspection, Inc.	0	0	0	0	0	0	0	17	220	230	200	230	220	200	220	63	0	0	0	0	0	0	0	0	0	1,600	$92.00	$147,200.00	10.96%	WBE/SBE
Subtotal																										9,379		**$1,163,965.00**	**86.63%**	
Other Direct Costs																												**$52,500.00**	**3.91%**	
Subconsultant Markup5%																												**$14,120.00**	**1.05%**	
SubTotal																												**$1,230,585.00**	**91.59%**	
Additional Services																														
Extended Inspection Hours (Overtime/Weekends)	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	30	30	30	30	20	20	10	10	0	0	420	$150.00	$63,000.00	4.69%	
Prevailing Wage Rate Increases																												$50,000.00	3.72%	
																												$1,343,585.00	100.00%	

Note: This proposal complies with the State of California Department of Industrial Relations Prevailing Wage Requirements

HOURLY BILLING RATE SCHEDULE

Key CMIS Staff Positions	Hourly Rate
Project Manager (Wayne Papac), RBF	$155
Asst. Project Manager/ Contracts Manager (Doug Cook), RBF	$140
Lead Resident Engineer (Jim Bassett), RBF	$135
Resident Engineer/Inspector (Charles Templeton), RBF	$135
Resident Engineer/Inspector (Hoang Nguyen), PBS&J	$130
Plant Inspection (James Walls) Walls Inspection	$92

PERFORMANCE STATEMENT

All work will be performed on a time and materials "not-to-exceed" basis for the agreed-to price. No additional compensation will be received beyond price negotiated for each task in the Scope of Services unless changes are approved in advance by a Change Order signed by the Otay Water District.

EVIDENCE OF INSURANCE

Listed below is evidence of RBF's commerical general liability, business automobile liability, and professional liability insurance.

RBF's Liability policies will be endorsed to name the District, its' officers, and employees as additional insured and such insurance will be deemed primary such that any other insurance carried by the District will be excess thereto. The District will be named as an additional insured.

A.	**Workers' Compensation and Employer's Liability Insurance:** Workers' Compensation in compliance with the applicable State and Federal laws. Employer's Liability. Limit $1,000,000.
B.	**Comprehensive General Liability Insurance,** including Contractual, Broad Form Property Damage, Completed Operations, and Independent Contractor's Liability, all applicable to Personal Injury, Bodily Injury and Property Damage to a combined single limit of $3,000,000 each occurrence, subject to a $3,000,000 annual aggregate for General Liability, Completed Operations, and Personal Injury other than Bodily Injury.
C.	**Comprehensive Automobile Liability Insurance,** including owned, hired and non-owned automobiles, Bodily Injury and Property Damage to a combined single limit of $1,000,000 each occurrence.
D.	**Architects & Engineers Professional Liability Insurance (errors and omission insurance)** affording professional liability, if any, to a combined single limit of $2,000,000 each occurrence/claim, subject to $2,000,000 annual aggregate.

ABILITY TO MEET PROJECT SCHEDULE

RBF's construction management and inspection personnel assigned to the 36-Inch Potable Pipeline Project are currently delivering the Otay Water District's 640-1 and 640-2 Reservoir Projects. This project is currently ahead of schedule and will be operational prior to delivery of pipe on the 36-inch Potable Pipeline Project. Additionally, on our previous CML&C steel pipe project with the District, the project was operational 2 months ahead of schedule with a minimal 0.64% change order rate. These are the most recent example of RBF's proposed project team ability to meet schedules on large-scale projects.

NAME OF AUTHORIZED INDIVIDUAL

Mr. Wayne Papac, Vice President of RBF, located at 9755 Clairemont Mesa Boulevard, Suite 100, San Diego, CA 92124; Telephone: (858) 810-1406; Email: nwpapac@rbf.com is authorized to negotiate, represent, and contractually bind RBF Consulting.

STATEMENT EXCEPTING AGREEMENT

RBF has reviewed the RFP and the District's professional service agreement. We take no exceptions to either document, can meet all the requirements of the agreement and are willing to enter into the agreement.

COMMITMENT TO DBE

RBF is committed to Affirmative Action in every aspect of our business, from recruiting, retention and promotion of our staff, to our dealings with subcontractors, vendors and suppliers. RBF is dedicated to working with certified disadvantaged and veteran owned firms on both public and private sector projects. In all external communications, including employment applications, advertising, contracts and purchase orders, our commitment to equal opportunity is also emphasized. RBF has met and often exceeded 15% DBE participation on public contracts.

For this contract, we confirm our commitment to Women Owned Business Enterprise (WBE) and Small Business Enterprise (SBE) participation through the inclusion of Walls Inspection, Inc. (Walls) our proposed off-site pipe manufacturing inspection firm.