

**ENGINEERING AND OPERATIONS COMMITTEE**

AGENDA FOR

**JULY 22, 2010**

Gary Arant – Chair  
Richard Smith, Vice Chair  
Jim Bowersox  
Trish Hannan  
Mike Hogan  
Jeremy Jungreis

Bill Knutson  
Ralph McIntosh  
Ron Morrison  
Vincent Mudd  
Bud Pocklington  
Javier Saunders  
Tom Wornham

1. Roll call – Determination of quorum.
2. Additions to agenda (Government Code Section 54954.2(b)).
3. Public comment – opportunities for members of the public to address the Committee on matters within the Committee’s jurisdiction.
4. Chair’s report.  
4-A Directors’ comments.

**I. CONSENT CALENDAR**

1. Professional services contracts for as-needed construction management support services. Gary Bousquet  
Staff recommendation: Award a professional services contract to Butier Engineering, EPC Consultants, Inc., and R.W. Beck for as-needed construction management support services to support the Capital Improvement Program projects, for an amount not-to-exceed \$2 million each, or for a period of five years, whichever occurs first. Award a professional services contract to Malcolm Pirnie for as-needed construction management support services to support the Capital Improvement Program projects, for an amount not-to-exceed \$1 million or for a period of five years, whichever comes first.  
(Action)



II. ACTION/DISCUSSION

III. INFORMATION

IV. CLOSED SESSION

1. CLOSED SESSION:

Conference with Legal Counsel – Existing Litigation

Government Code §54956.9(a)

Name of Case: SDCWA v Nissho Iwai American Corporation;

Sojitz Corporation of America

County of Orange Superior Court Case No. 30-2008-00106181

Dan Hentschke

V. ADJOURNMENT

Doria F. Lore  
Clerk of the Board

**NOTE:** This meeting is called as an Engineering & Operations Committee meeting. Because a quorum of the Board may be present, the meeting is also noticed as a Board meeting. Members of the Board who are not members of the Committee may participate in the meeting pursuant to Section 2.00.060(g) of the Authority Administrative Code (Recodified). All items on the agenda, including information items, may be deliberated and become subject to action. All public documents provided to the committee or Board for this meeting including materials related to an item on this agenda and submitted to the Board of Directors within 72 hours prior to this meeting may be reviewed at the San Diego County Water Authority headquarters located at 4677 Overland Avenue, San Diego, CA 92123 at the reception desk during normal business hours.

July 14, 2010

**Attention: Engineering and Operations Committee**

**Professional services contract for as-needed construction management support services.  
(Action)**

**Staff Recommendation**

Award a professional services contract to Butier Engineering, EPC Consultants, Inc., and R.W. Beck for as-needed construction management support services to support the Capital Improvement Program projects, for an amount not-to-exceed \$2 million each, or for a period of five years, whichever occurs first. Award a professional services contract to Malcolm Pirnie for as-needed construction management support services to support the Capital Improvement Program projects, for an amount not-to-exceed \$1 million or for a period of five years, whichever comes first.

**Alternative**

Do not award the contracts and direct staff to negotiate with other consultants or solicit new proposals.

**Fiscal impact**

Funds in the amount of \$7 million for this contract are available in project budgets and the 2010/2011 Capital Improvement Program appropriation. All rate categories are involved depending upon which projects fund individual as-needed services.

**Background**

These contracts will augment Water Authority staff by providing construction management services for our Capital Improvement Program, through 2015. Instead of soliciting independent requests for proposals, project specific teams will be built using a blend of consultants and Water Authority staff. The contracts will also allow us to meet discrete special construction management needs such as such claim support services, electrical and instrumentation support, tunneling expertise, geotechnical support, mitigation biologists, welding inspection, and environmental stormwater experts required for specialized projects such as the San Vicente Dam Raise, Nob Hill improvements and relining projects. These contracts will support emergency repairs that may occur during this time requiring immediate staffing in order to minimize aqueduct shutdown time and expeditiously return service to our Member Agencies. We also have an immediate need to continue specialized claims support on the Lake Hodges Projects until current disputes are resolved.

**Discussion**

A request for proposals for construction management support services was advertised on May 5, 2010. Nine firms submitted proposals: Butier Engineering, Inc.; EPC Consultants Inc., Infrastructure Engineering Consultants; Jacobs Engineering; Malcolm Pirnie; R.W. Beck; TCM Group; URS; and Valley Construction Managers. The Water Authority staff evaluated the written proposals, conducted interviews and selected four firms who demonstrated a clear understanding of the scope of work in the written proposals to participate in the interview phase.

Based on staff's evaluation of the written proposals and oral interviews with the four firms, Butier Engineering, Inc.; EPC Consultants, Inc.; Malcolm Pirnie; and R.W. Beck are the most qualified firms for this work. Key selection factors considered as the basis for staff's recommendation are their past experience in performing similar work, their comprehensive understanding of project needs, and a proposed scope of services that demonstrates their ability to meet the anticipated and unanticipated construction work over the next five years. Butier Engineering, Inc.; EPC Consultants, Inc.; and R.W. Beck demonstrated broader team depth, thus the larger recommended contract amount. Staff negotiated professional services contracts with Butier Engineering, Inc., EPC Consultants, Inc., Malcolm Pirnie, and R.W. Beck, subject to the Board's approval, to provide as-needed construction management support services. The contracts require all firms to provide construction managers, engineers, field inspectors, and administrative support staff on an as-needed basis.

A list of projects these contracts may staff is attached as Table 1. These projects are likely to be staffed by individuals from multiple contracts, as well as with Water Authority staff. Consideration will be given to each firm's experience and available expertise prior to staffing projects. For example, EPC and Malcolm Pirnie's experience with relining would prove valuable on the Pipelines 3 & 4 Relining-Miramar Hill to Scripps Ranch and Pipeline 4 Relining-State Route 52 to Lake Murray projects. R.W. Beck and Butier Engineering's experience managing flow control facilities would be applicable to the San Diego 24 Flow Control Facility and Fallbrook 7/Rainbow 14 Flow Control Facilities projects.

As we move forward, we plan to meet our continuing CIP construction management needs by supplementing the Water Authority's base construction administration staff with a blend of consultant staff to build effective construction management project teams. By doing so, we take advantage of consultant technical expertise within our region, job-specific experts for specialized construction such as dam building and, as well as staff's knowledge of Water Authority policies, practices, and procedures to provide efficient and effective construction management of our CIP projects and ensure equity and fairness in distributing the work between these contracts.

SCOOP staff has verified all contractors' good faith efforts to conduct outreach to qualified small businesses, including but not limited to, outreach to minority and women-owned businesses. The small business participation for this contract is 58 percent. The minority and women-owned business participation for this contract is 28 percent. This information is provided for statistical purposes.

Prepared by: Mike Kenny, Principal Construction Manager  
Reviewed by: Michael T. Stift, Director of Engineering  
Approved by: Frank Belock, Jr., Deputy General Manager

Attachments:

Table 1 – Potential Projects for As-Needed Contract Staffing

**TABLE 1**  
**Scheduled Projects for As-Needed Contract Staffing through 2015**

New Capital Facility Projects

- San Diego 24 Flow Control Facility
- Carlsbad Desalination Conveyance Facilities
- Tijuana River Valley Mitigation Site
- ESP San Vicente Bypass Pipeline (part of San Vicente Dam Raise suite of projects)
- Nob Hill Improvements
- Lake Murray Control Valve
- San Vicente Dam Raise
- Lake Hodges Pump Station and Pump Storage
- ESP San Vicente Marina (part of San Vicente Dam Raise suite of projects)

Asset Management Projects

- Miramar Pump Station Flow Meter Installation
- Fallbrook 7/Rainbow 14 Flow Control Facilities
- Fallbrook 8 Flow Control Facility and DeLuz 1 SCADA
- Pipelines 3 & 4 Relining-Miramar Hill to Scripps Ranch
- San Diego 12 Expansion
- Pipeline 4 Relining-SR-52 to Lake Murray
- Miramar Pump Station Rehabilitation



July 14, 2010

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**CLOSED SESSION:**

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**Government Code §54956.9(a)**

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America / County of Orange Superior Court Case No. 30-2008-00106181**

**Purpose**

This memorandum is to recommend that the committee by motion hold a closed session, pursuant to Government Code §54956.9(a) to discuss the above-referenced matter at the July 22, 2010, Board meeting.

A closed session has also been included on the agenda of the formal Board of Directors' meeting. Unless the Board desires additional discussion, it is not staff's intention to ask for a closed session with the full Board at that time, but staff may request action to confirm directions given or action recommended by the committee.

Prepared by: Daniel S. Hentschke, General Counsel