

**SPECIAL MEETING OF THE CAPITAL IMPROVEMENT PROJECTS
(CIP) COMMITTEE OF THE BOARD OF DIRECTORS
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA
4040 PARAMOUNT BLVD., LAKEWOOD, CALIFORNIA 90712
3:00 P.M., THURSDAY, MARCH 16, 2017**

AGENDA

EACH ITEM ON THE AGENDA, NO MATTER HOW DESCRIBED, SHALL BE DEEMED TO INCLUDE ANY APPROPRIATE MOTION, WHETHER TO ADOPT A MINUTE MOTION, RESOLUTION, PAYMENT OF ANY BILL, APPROVAL OF ANY MATTER OR ACTION, OR ANY OTHER ACTION. ITEMS LISTED AS "FOR INFORMATION" MAY ALSO BE THE SUBJECT OF AN "ACTION" TAKEN BY THE BOARD OR A COMMITTEE AT THE SAME MEETING.

1. DETERMINATION OF A QUORUM

2. PUBLIC COMMENT

Pursuant to Government Code Section 54954.3

3. AUTHORIZE THE GENERAL MANAGER TO ENTER INTO AN AGREEMENT WITH MAD SYSTEMS, INC. FOR THE PHASE 1 - INTERPRETIVE/EXHIBITRY, DESIGN, CONSTRUCTION, AND INSTALLATION SERVICES PROJECT

Staff Recommendation: The Capital Improvement Projects Committee recommends the Board authorize the General Manager to enter into a Professional Services Contract with Mad Systems, subject to approval as to form by District Counsel, for interpretive/exhibitory concept, design, construction and installation for Phase 1 of the WRD Administrative Lobby, Leo J. Vander Lans Advanced Water Treatment Facility (AWTF) and for the GRIP AWTF for a cost determined by the design selection of the CIP Committee and a contract termination date of July 31, 2018.

4. AUTHORIZE THE GENERAL MANAGER TO ENTER INTO AN ON-CALL PROFESSIONAL GROUNDWATER MODELING SERVICES AGREEMENT WITH INTERA, INC.

Staff Recommendation: The Capital Improvement Projects Committee recommends the Board authorize the General Manager to enter into a Professional Services Agreement with Intera, Inc., subject to approval as to form by District Counsel, for on-call groundwater modeling services for a total cost not to exceed \$100,000 and a contract termination date of June 30, 2018.

5. ADJOURNMENT

The Committee will adjourn to its next meeting currently scheduled for March 23, 2017 at 3:00 P.M.

Agenda posted by Sherri Brown, Senior Administrative Specialist on March 15, 2017. In compliance with ADA requirements, this document can be made available in alternative formats upon request.

In compliance with the Americans with Disabilities Act (ADA), if special assistance is needed to participate in the meeting, please contact Senior Administrative Sherri Brown at (562) 921-5521 for assistance to enable the District to make reasonable accommodations.

All public records relating to an agenda item on this agenda are available for public inspection at the time the record is distributed to all, or a majority of all, members of the Board. Such records shall be available at the District office located at 4040 Paramount Boulevard, Lakewood, California 90712.

Agendas and minutes are available at the District's website, www.wrd.org.

EXHAUSTION OF ADMINISTRATIVE REMEDIES – If you challenge a District action in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the District office at, or prior to, the public hearing. Any written correspondence delivered to the District office before the District's final action on a matter will become a part of the administrative record.



MEMORANDUM

ITEM NO. 3

DATE: MARCH 16, 2017

TO: CAPITAL IMPROVEMENT PROJECTS (CIP) COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: AUTHORIZE THE GENERAL MANAGER TO ENTER INTO AN AGREEMENT WITH MAD SYSTEMS, INC. FOR THE PHASE 1 - INTERPRETIVE/EXHIBITRY, DESIGN, CONSTRUCTION, AND INSTALLATION SERVICES PROJECT

SUMMARY

WRD is developing educational exhibits for the Groundwater Reliability Improvement Project (GRIP) currently under construction in the City of Pico Rivera. As a supplement to WRD's ongoing education program, the exhibits are being developed to educate the public about groundwater as an essential resource to the region's water supply. Developed exhibits will also inform visitors to the GRIP facility about the role and the science behind recycled water.

As a valued added benefit of the GRIP exhibit production, some of the content is expected be applied at both the WRD Administrative Lobby and the Leo J. Vander Lans Advanced Water Treatment Facility in Long Beach. Both locations are frequently used to hold trainings, education programs and tours.

WRD issued a Request for Qualifications (RFQ) for the Interpretive/Exhibitory Concept, Design, Construction, and Installation Services RFQ and received proposals from three respondents – MG Design Associates, Mad Systems, and Cinnabar/C&G Design. The respondents were scored by staff and an outside independent representative along the criteria specified in the RFQ, specifically across 5 categories:

- A. Firm's experience and demonstrated ability with similar projects
- B. Qualifications of proposed key personnel and project team
- C. Effectiveness of project coordination efforts
- D. Accessibility of staff
- E. LBE/SBE/VBE Compliance

After receiving and reviewing the scored results, the CIP Committee requested the top two scoring firms to provide further concept design development proposals of the WRD Administrative Lobby which included elements that could be carried over into the Leo J. Vander Lans and Groundwater Reliability Improvement Project Advanced Water Treatment (GRIP AWTF) facilities, respectively.

The CIP Committee reviewed the submitted detailed concept design development proposals and held a workshop to further discuss the interpretive/exhibitory concepts. The workshop identified conceptual features that will become the framework for the scope of work and anticipated exhibitry to be considered for design, fabrication and installation of Phase 1 related projects, which will include the WRD headquarters lobby and the Leo J. Vander Lans Advanced Water Treatment Facility. The aforementioned Phase 1 scope of work will also include further design and exhibitry alternatives for the GRIP AWTF.

FISCAL IMPACT

The costs associated with the Phase 1 professional services contract will be paid for out of 2015 revenue bond proceeds for a total budgeted amount that will be determined by the CIP Committee and based upon the exhibitry elements chosen for inclusion in the Phase 1 project.

STAFF RECOMMENDATION

The Capital Improvement Projects Committee recommends the Board of Directors authorize the General Manager to enter into a Professional Services Contract with Mad Systems, subject to approval as to form by District Counsel, for interpretive/exhibitory concept, design, construction and installation for Phase 1 of the WRD Administrative Lobby, Leo J. Vander Lans Advanced Water Treatment Facility (AWTF) and for the GRIP AWTF for a cost determined by the design selection of the CIP Committee and a contract termination date of July 31, 2018.



MEMORANDUM

ITEM NO. 4

DATE: MARCH 16, 2017

TO: CAPITAL IMPROVEMENT PROJECTS (CIP) COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: AUTHORIZE THE GENERAL MANAGER TO ENTER INTO AN ON-CALL PROFESSIONAL GROUNDWATER MODELING SERVICES AGREEMENT WITH INTERA, INC.

SUMMARY

The District develops and runs sophisticated computer models to represent and simulate the groundwater flow conditions under current and hypothetical future management scenarios. A regional computer model has been developed to simulate groundwater under the entire District by the United States Geological Survey (USGS) which is currently being updated and will be completed by September 2017. More detailed and higher resolution computer models have been developed by WRD for sub-regions of the District, including the Montebello Forebay to simulate spreading grounds recharge, the Alamitos Seawater Barrier to simulate recycled water injection, and the Dominguez Gap Barrier to also simulate recycled water injection.

The District has a current and immediate need for computer modeling services for several projects, and has planned and budgeted for on-call computer modeling services. It has previously issued a Board-authorized Request for Qualifications (RFQ) in anticipation of these services. Use of computer models requires specialized skills by engineers, geologists, computer scientists, or other professionals that have training and experience in numerical codes and hydrogeological understanding.

Based on the District's review of the RFQ and previous experience with similar firms, Staff is recommending award of the on-call services contract to Intera, Inc., a geoscience and engineering consulting firm. Reasons for the selection of Intera, Inc. include the following:

- Intera, Inc. has developed and run the Districts computer models for the Alamitos Seawater Barrier and Dominguez Gap Seawater Barrier from 2010 through 2015 for recycled water permit compliance. They always met project schedules and were on budget or under budget.
- They have previously uploaded and utilized the USGS' regional model for District computer simulations and therefore ready to use this model for our current needs.
- They have experience in the software that the USGS is using for our future regional model update, which is "Modflow - Unstructured Grids" and therefore will be ready to assist the District with that model when it is available.

- They have considerable local modeling experience. In addition to the models they have run for WRD, they are the modeling firm for West Basin MWD for the West Coast Barrier, and they are the modeling firm for the Orange County Water District as they explore seawater intrusion in their basin.
- Their modeling staff are based out of Torrance and therefore a local business within the District's service area.
- Their billing rates are comparable to other firms with modeling experience.

For these reasons, they have been deemed by Staff to be the most qualified for the modeling services the District is currently pursuing.

FISCAL IMPACT

The District has \$100,000 budgeted for on-call modeling services through the end of the 2017-2018 fiscal year (\$50,000 budgeted in the current year and \$50,000 for the ensuing year).

STAFF RECOMMENDATION

The Capital Improvement Projects Committee recommends the Board authorize the General Manager to enter into a Professional Services Agreement with Intera, Inc., subject to approval as to form by District Counsel, for on-call groundwater modeling services for a total cost not to exceed \$100,000 and a contract termination date of June 30, 2018.