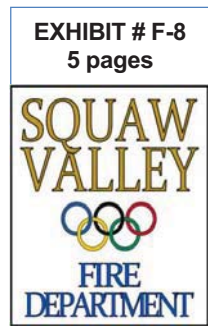


SQUAW VALLEY PUBLIC SERVICE DISTRICT



On Call Professional Hydrogeologic Services Interflow Hydrology, Inc.

DATE: November 29, 2016

TO: District Board Members

FROM: Dave Hunt, District Engineer

SUBJECT: On Call Hydrogeologic Services - Professional Services Agreement with Interflow Hydrology

BACKGROUND: The Squaw Valley Public Service District has long been proactive in managing the limited resources of the small sole source aquifer in the Olympic Valley. As day to day groundwater management is at the forefront of the District's responsibilities as a water supplier, the District is frequently in need of support addressing water supply and hydrogeologic issues. This support comes in the form of general hydrogeologic support related to the District's water supplies, the OVGMP, numeric groundwater modeling, regulatory support, and development related support.

DISCUSSION: The District desires to execute a Professional Services Agreement (PSA) with Interflow Hydrology to provide on call hydrogeologic services. These services would include:

- General hydrogeologic support, including, but not limited to, District water supplies, Olympic Valley Groundwater Management Plan, numeric groundwater modeling, and development related support;
- Peer review of hydrogeologic reports and studies prepared by others; and
- Regulatory support, including, but not limited to, the Sustainable Groundwater Management Act, Truckee River Operating Agreement, California Division of Drinking Water, etc.

Interflow Hydrology, Inc. is a local consulting firm specializing in groundwater resources evaluations, sustainable resource development, and water resources management. The firm was founded by hydrogeologist Dwight Smith in 2002.

Interflow Hydrology has extensive local groundwater management experience, and specific experience working in the Olympic Valley. For the District, Dwight Smith recently provided a 3rd party peer-review for the VSVSP Water Supply Assessment, and is currently assisting the District and area stakeholders in the preparation of the Water Management Action Plan. Dwight has also provided hydrogeologic services to the Resort at Squaw Creek and Squaw Valley Resort on local groundwater issues. With this experience, Interflow Hydrology has developed a strong background regarding groundwater conditions in the Olympic Valley.

Staff is confident that Interflow Hydrology has the staff and technical expertise to assist the District with on call hydrogeologic support. As a local firm Interflow will be able to provide timely and cost effective support for the District.

- ALTERNATIVES:**
1. Approval of the proposal to provide on call hydrogeologic services and recommend the General Manager be authorized to execute a Professional Services Agreement with Interflow Hydrology, Inc.
 2. Do not approve the proposal.

FISCAL/RESOURCE IMPACTS: Work under the on-call contract would be performed on a time and materials basis and only as authorized by the District. Some of this work will be reimbursable by others as it relates to support for new development (i.e. VSVSP, Resort at Squaw Creek, PlumpJack, etc.). The District provided for \$5,000 in the 2016-2017 operating budget for hydrogeologic support. This will cover work requested by the District that is not reimbursable or part of a specific capital project.

RECOMMENDATION: Staff recommends approval of the proposal to provide on call hydrogeologic services and recommends the General Manager be authorized to execute a Professional Services Agreement with Interflow Hydrology, Inc.

ATTACHMENTS: Interflow Hydrology, Inc. scope of work (November 18, 2016).

DATE PREPARED: November 18, 2016.



November 18, 2016

Mr. Dave Hunt, PE
District Engineer
SQUAW VALLEY PUBLIC SERVICE DISTRICT
P.O. Box 2522
Olympic Valley, CA 96146

RE: On-Call Hydrogeologic Services

Dear Dave:

Interflow Hydrology would be pleased to provide on-call hydrogeologic consulting services to the Squaw Valley Public Service District (District). Anticipated services under this contract may include, but not be limited to:

- General hydrogeologic support, including, but not limited to, District water supplies, Olympic Valley Groundwater Management Plan, numeric groundwater modeling, and development related support.
- Peer review of hydrogeologic reports and studies prepared by others.
- Regulatory support, including, but not limited to, the Sustainable Groundwater Management Act, Truckee River Operating Agreement, California Division of Drinking Water, etc.

Task work under this on-call authorization will be initiated only in response to specific requests by the District and the scope for individual assignments will be mutually agreed upon by the District and Interflow Hydrology.

Services will be performed on a time and expenses basis in accordance with Interflow Hydrology's attached 2016 fee schedule. We will account separately for each authorized task assignment. Depending on the nature and extent of work involved, any specific task may warrant a separate authorization and fee limit at the discretion of the District.

SVPSD On-call Services

11/18/2016

Page 2 of 3

I appreciate the opportunity to assistance the Squaw Valley Public Service District. Please do not hesitate to contact me, if you have any questions regarding this proposal and to initiate any tasks under the on-call services agreement.

Sincerely,
INTERFLOW HYDROLOGY, INC.



Dwight L. Smith, PG, CHg
Principal Hydrogeologist
CA Certified Hydrogeologist No. 194

Standard Terms of Agreement - 2016

RE: On-call Hydrogeologic Services for Squaw Valley Public Service District

Date: November 18, 2016

1. Professional Fee Schedule

Professional services will be billed on a time and expenses basis in accordance with the following billing rates:

Professional Services:	
Dwight L. Smith, PE, PG, Principal Hydrogeologist	\$140.00 per hour
Jack Childress, PG, Senior Hydrogeologist	\$100.00 per hour
Staff Geologist - Hydrogeologist	\$ 90.00 per hour
Field Equipment, if needed:	
Water Level Transducer-Recorder	\$ 50.00 per week
Current Meter - Stream Flow Gaging Equipment	\$ 50.00 per day
Water Quality Sampling – 0.45 micro filter, peristaltic pump	\$ 40.00 per sample
Field Vehicle	\$ 0.75 per mile
Outside Services & Misc. Expenses	Cost plus 10%
Travel and Per Diem	Cost plus 10%

2. Terms of Payment

Invoices for services rendered under this Agreement will be made on a monthly billing cycle. Payment in full of an invoice shall be made within thirty (30) days of the date of such invoice. Failure to receive payment with thirty (30) days of the invoice date will subject the overdue invoice to a delinquent account charge of one percent (1%) of the invoice amount per month, compounded monthly, but not to exceed the maximum rate permitted by law. Failure to submit full payment of an invoice subjects this Agreement to suspension or termination at InterFlow Hydrology's discretion.

3. Standard of Care

Interflow Hydrology agrees to perform services in a manner consistent with the care and skill ordinarily exercised by members of the practicing profession under similar circumstances, in a similar time, and in the same or similar locality as the work performed. No warranty, expressed or implied, is made or intended by this Agreement.

4. Insurance Coverage

Interflow Hydrology will maintain general liability coverage with a limit of \$1 million on an injury claim made, and \$1 million aggregate limit. The Consultant will maintain professional insurance, inclusive of errors and omissions, with a claim expense limit of \$1 million and aggregate limit of \$1 million. Interflow Hydrology will maintain Workers Compensation insurance.

5. Limits of Professional Liability

To the fullest extent permitted by law, the Client agrees to limit the liability of Interflow Hydrology (Consultant), its officers, employees, and subconsultants to Client, all landowners, contractors, subconsultants, lenders, suppliers, manufacturers, third parties, and their employees such that total aggregate liability, including attorney fees and costs shall not exceed \$50,000.00 or the total fees paid for Consultant's services on this project, whichever is greater. The Client shall give written notice to the Consultant of any claim of negligent act, or error or omission within one (1) year after the completion of the work performed by the Consultant. Failure to give notice herein required shall constitute a waiver of said claim by Client.