SWEETWATER SPRINGS WATER DISTRICT

TO: Board of Directors **AGENDA NO. V-C**

FROM: Steve Mack, General Manager

MEETING DATE: June 6, 2013

SUBJECT: DISCUSSION/ACTION RE RESOLUTION 13-15, AWARDING A CONTRACT TO GROUNDWATER PUMP, INC. FOR PURCHASE OF PUMPING EQUIPMENT FOR THE 2014 CIP AND AUTHORIZING THE GENERAL MANAGER TO EXECUTE THE CONTRACT

RECOMMENDED ACTION: Approve Resolution 13-15 which authorizes a sole source contract to Groundwater Pump, Inc., for three pumps for the Hidden Valley Road element of the 2014 CIP.

FISCAL IMPACT: The cost of this contract is approximately $50,000.

DISCUSSION:

The Hidden Valley Road element of the 2014 CIP includes removal of the 15,000 gallon tank at the end of East Hidden Valley Road and relocation and replacement of the pumps for the upper west part of the distribution system. Staff believe it is important to have specific pumps for this important part of the project. Relying on the contractor selected through the normal bidding process would allow substitution of the desired pumps with alternatives that may not work out as well and installation by personnel not trained in this type of equipment. The District has encountered problems of this nature before with the chlorine generation system for both the Guerneville and Monte Rio Treatment facilities and we wish to avoid the problem with this project.

Having a reliable distribution system to the higher elevation customers on Hidden Valley Road is an important aspect of this project. District staff conferred with the design engineer, John Wanger to determine the best approach. They then approached Groundwater Pump and Well, Inc, for a proposal for the desired equipment (described in Exhibit A). Groundwater Pump and Well gave the quote presented in Exhibit A after discussions with the engineer and staff. The key element of this proposal are the three Goulds pumps with variable speed drives. These are well respected pumps; Groundwater Pump and Well has much experience with this equipment and with the District's well and distribution system – they are the company we use for specialized service in this field.

The cost impact of awarding this contract outside of the general construction contract should be minimal, if not a savings. There will be confidence that the booster pumping system for upper Hidden Valley Road will be done as specified.

Staff recommend approval of Resolution 13-15.

Resolution No. 13-15

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SWEETWATER SPRINGS WATER DISTRICT AWARDING A SOLE SOURCE CONTRACT FOR BOOSTER PUMP SYSTEM FABRICATION AND INSTALLATION AT HIDDEN VALLEY ROAD FOR A ESTIMATED COST OF $49,213 AND CHANGE ORDER APPROVAL UP TO $2,500

WHEREAS, the 2014 Capital Improvement Program (CIP) includes a replacement of the booster pump on Hidden Valley Road; and

WHEREAS, fabrication and installation of the booster pump station includes very specialized equipment and assembling, including 3 high quality pumps with variable speed drives manufactured by Gould Pumps; and

WHEREAS, including this element of the Hidden Valley Road project in the overall 2014 CIP bid specifications may result in equipment and installation that is not up to District expectations, and

WHEREAS, Groundwater Pump and Well has experience with this equipment and with the District's overall water supply system; and

WHEREAS, the District staff working with the design engineer for the 2014 CIP solicited a proposal for the fabrication and installation of the booster pump system for the Hidden Valley Road project; and

WHEREAS, after discussions with Groundwater Pump and Well. Groundwater Pump and Well submitted a proposal with a not to exceed price of $49,213; and

WHEREAS, staff has determined that the proposal by Groundwater Pump and Well meets the desired specifications of the Hidden Valley Road Booster Pump system; and

WHEREAS, there may be some unforeseen aspects of the installation that may require extra services not to exceed $2,500, and

NOW, THEREFORE BE IT RESOLVED, that the District Board of Directors hereby:

1. Finds that it is in the District's interest to award a sole source contract to Groundwater Pump and Well for the Hidden Valley Road Booster Pump System; and

2. Approves a contract price of $49,219; and

3. Authorizes the General Manager to approve change orders on the contract without Board approval up to $2,500; and

4. Authorizes and directs the General Manager to execute the contract on behalf of the District.

I hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly adopted and passed by the Board of Directors of the

SWEETWATER SPRINGS WATER DISTRICT, Sonoma County, California, at a meeting held on June 6, 2013, by the following vote.

Director	Aye	No
Sukey Robb-Wilder	_____	_____
Tim Lipinski	_____	_____
Richard Holmer	_____	_____
Gaylord Schaap	_____	_____
Victoria Wikle	_____	_____

_____
Richard Holmer
President of the Board of Directors

_____
Attest: Julie A. Kenny
Clerk of the Board of Directors

Groundwater Pump & Well Inc.

WaterBoy

Prefabricated Pump Stations : **Simplex Booster Station Proposal**

Customer: Sweet Water Springs **Project:** Tri-plex Booster Pump Station

Location: Guerneville CA **Date:** 5/31/2013

Shipment: Estimated 4 to 6 weeks after receipt of signed contract

Submittals: AS REQUESTED

Scope of Equipment

1 ea WaterBoy In-line booster series model # 300WB43-3-12 Prefabricated Package Pump with a rating of 300 GPM with a discharge of 43 PSI. Note: Pump design is 100 GPM @ 43 PSI Based on capacities requested per Kevin Gillman.
Incoming PSI is 45PSI, package will increase pressure by 43PSI.
Package will ship as a complete unit.

Standard construction consists of:

* 3 each Gould's model # 22SV2FB30 2 stage vertical multi stage 5 HP booster pumps. 230 volt SINGLE phase.
* 4" Stainless Steel, Discharge & Suction Headers.
* Individual 2" pump suction & discharge isolation valves.
* Individual 4" system suction & discharge isolation valves.
* 2" check valves for each pump.

Special cunstruction consists of:

* 40 Gallon Pressure Tank
* 2 each 6" x 4" Flanged Reducer
* 2 each 6" Rubber Flex Coupling
* 10 foot power cable for connecting to a generator or PG&E.
* 4" McCrometer flowmeter -

Controls Include:

* Aquavar CPC Variable Speed Controllers (1 per pump)
  With auto lead / lag alternation and synchronous communication between each pump.
  The AQUAVAR VFD will be pre programmed for system design point PSI and will compensate for system friction losses.
* Custom panel includes, NEMA 3R enclosure, fusible disconnect for pump.
* Stainless Steel PSI Transducer

Filter to include:

* None

Safeties Include:

* High PSI shut off switch
* Lack of Water shut down.
* Leak Detection shut down.
* Over Voltage.
* Under Voltage.
* Over Temp Motor.
* Over Temp Inverter.
* Overload.
* Earth Fault.
* Pressure Sensor Error.

Start Up:

* One day on-site start-up supervision & operator training.

Note: This package system is designed according to the engineers specs.
includes tax.

PACKAGE PRICE:	$ 48,663.00
Shipping	$ 550.00
	$ 49,213.00