


TO: BOARD OF DIRECTORS
REVIEWED: MARIO IGLESIAS 
GENERAL MANAGER
FROM: PETER V. SEVCIK, P.E.
DIRECTOR OF
ENGINEERING & OPERATIONS
DATE: JANUARY 20, 2016

**AGENDA ITEM
E-2
JANUARY 27, 2016**

**SUPPLEMENTAL WATER PROJECT
JOSHUA ROAD PUMP STATION RESERVOIR
AUTHORIZATION TO BID**

ITEM

Authorize staff to advertise Supplemental Water Project Joshua Road Pump Station Reservoir for bid [RECOMMEND ADOPT RESOLUTION AUTHORIZING STAFF TO ADVERTISE PROJECT FOR BID].

BACKGROUND

The Nipomo Supplemental Water Project (Project) delivers water purchased by the District from the City of Santa Maria and allows the District to reduce pumping from existing wells to slow the depletion of groundwater and reduce the potential for seawater intrusion on the Nipomo Mesa. The Project also increases the reliability of the District water supply by providing an additional source other than groundwater. The Project is consistent with the settlement agreement and the judgment related to the groundwater adjudication of the Santa Maria Groundwater Basin. The Project was originally designed to deliver 3000 AFY. Subsequently, the design was evaluated and modified to allow for phased construction to reduce the initial capital cost of the project.

Supplemental Water Project Phase 1 interconnected the District water distribution system with the City of Santa Maria water distribution system. The Project consisted of approximately 7600 lineal feet of 24 inch diameter ductile iron pipe (DIP) waterline, 2600 lineal feet of 24 inch nominal inside diameter high-density polyethylene (HDPE) pipe under the Santa Maria River, a flow meter and flow control station, the Joshua Road Pump Station, a 400 gallon per minute (gpm) pump station with two (2) pumps, a chloramination system, and related power, back-up power, controls and instrumentation systems, a pressure reducing station, and chloramination systems at five (5) existing District production wells. Construction of Phase 1 was authorized by the Board in June 2013 and is scheduled to be completed in February 2016.

Supplemental Water Project Joshua Road Pump Station Reservoir will consist of construction of a 500,000 gallon partially-buried concrete reservoir at the Joshua Road Pump Station along with the related piping, electrical, instrumentation, grading, and landscape improvements. The project will increase delivery capacity to at least 800 AFY, provide operational flexibility and save considerable restaging costs if the project is constructed before all of the temporary construction easements required for Phase 1 are released.

Design of the Reservoir Project was completed to current civil, geotechnical, seismic, mechanical and electrical standard practices. Each submittal went through a third party review for value engineering as well as constructability.

SUPPLEMENTAL WATER PROJECT PHASE 1 ENVIRONMENTAL REVIEW

The Project Final EIR was certified by the District in April 2009. In May 2009, the Board adopted a resolution making CEQA project findings, adopting a statement of overriding considerations, adopting a project mitigation monitoring plan, approving the Supplemental Water Project and directing staff to file a Notice of Determination with the County in compliance with CEQA. A Supplemental EIR was certified by the District in April 2012.

PRE-QUALIFICATION OF CONTRACTORS FOR SUPPLEMENTAL WATER PROJECT JOSHUA ROAD PUMP STATION RESERVOIR

The California Public Contracts Code ("PCC") Section 20101 permits the District to pre-qualify contractors who wish to bid on the District's public works contracts. PCC Section 20101 requires the District to establish pre-qualification policies and the method by which decisions regarding Contractor's qualifications may be appealed. Pre-Qualification of Contractors helps to ensure that a project is constructed by reputable, experienced, and qualified contractors.

In November 2015, the Board adopted Resolution 2015-1397 that established a project specific pre-qualification policy for the Supplemental Water Project Joshua Road Pump Station Reservoir. AECOM and District staff are finalizing the list of general contractors and selected subcontractors that have pre-qualified to submit bids for the Supplemental Water Project Joshua Road Pump Station Reservoir. The final procurement step, in accordance with the District's Purchasing Policy, is Board approval to solicit bids for the project.

PROCESS CONTROL AND INSTRUMENTATION SYSTEM INTEGRATOR

Since 2012, Tesco Controls, Inc. has provided process control and instrumentation system integration services for the District's Supervisory Control and Data Acquisition (SCADA) System. The District's SCADA system monitors 30 remote sites including water wells, water storage tanks, water pressure reducing stations, flow meter station, pump station, sanitary sewer lift stations and both of the District's wastewater treatment plants.

Supplemental Water Project Joshua Road Pump Station Reservoir includes instrumentation as well as some programming changes to the District's SCADA system. The project will require the services of a process control and instrumentation system integrator to add the remote monitoring and control functionality for the new facility to the District's SCADA system.

In order to maintain the integrity of the District's SCADA System, minimize the potential for multiple system integrators simultaneously working on the District's SCADA System, and minimize the coordination risk/expense to the District, staff recommends that the Project bid documents include a provision that all process control and instrumentation system integration work be completed by Tesco Controls, Inc. In accordance with the District's Purchasing Policy, Tesco Controls, Inc. is uniquely knowledgeable and qualified because similar/related services have been previously provided to the District. Tesco programmed and is currently supporting the District's SCADA system.

FISCAL IMPACT

The estimated construction cost for the Supplemental Water Project Joshua Road Pump Station Reservoir is expected to be in the range of \$3.0 to \$3.3 million. Funding for the project is available in the FY 2015-2016 budget.

STRATEGIC PLAN

Goal 1 – WATER SUPPLY – Actively plan to provide reliable water supply of sufficient quality and quantity to serve both current customers and those in the long-term future.

RECOMMENDATION

Staff recommends that the Board, by motion and roll call vote, authorize staff to solicit bids to construct the Supplemental Water Project Joshua Road Pump Station Reservoir.

ATTACHMENTS

- A. Resolution 2016-XXXX Supplemental Water Project Joshua Road Pump Station Reservoir

January 27, 2016

ITEM E-2

ATTACHMENT A

**NIPOMO COMMUNITY SERVICES DISTRICT
RESOLUTION NO. 2016-XXXX**

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE NIPOMO COMMUNITY SERVICES DISTRICT
AUTHORIZING STAFF TO SOLICIT BIDS FOR
SUPPLEMENTAL WATER PROJECT JOSHUA ROAD PUMP STATION RESERVOIR**

WHEREAS, the District's Strategic Plan and 2010 Urban Water Management Plan outline the need for securing supplemental water sources; and

WHEREAS, the construction of Supplemental Water Project Joshua Road Pump Station Reservoir will increase the reliability of the District's water supply by providing additional Supplemental Water Project capacity; and

WHEREAS, the construction of Supplemental Water Project Joshua Road Pump Station Reservoir is consistent with the settlement agreement and the judgment related to the groundwater adjudication of the Santa Maria Groundwater Basin; and

WHEREAS, the construction of Supplemental Water Project Joshua Road Pump Station Reservoir will have beneficial effects on groundwater supplies within the Nipomo Mesa Management Area; and

WHEREAS, the District has pre-qualified general contractors, reservoir constructor subcontractors and reservoir prestressor subcontractors who wish to bid on the Supplemental Water Project Joshua Road Pump Station Reservoir in accordance with Resolution 2015-1397; and

WHEREAS, Tesco Controls, Inc. provided process control and instrumentation system integration services for the District's SCADA Upgrade Project and Supplemental Water Project Phase 1; and

WHEREAS, including a provision in the Supplemental Water Project Joshua Road Pump Station Reservoir bid documents that all process control and instrumentation system integration work be completed by Tesco Controls, Inc., without substitutions, will maintain the integrity of the District's SCADA System, minimize the potential for multiple system integrators simultaneously working on the District's SCADA System, and minimize the coordination risk/expense to the District; and

WHEREAS, District Purchasing Policy Resolution 2010-1201 provides for the procurement of professional services through non-competitive negotiations in limited situations; and

WHEREAS, Tesco Controls, Inc. is qualified pursuant to Section 8.4.30 of the District's Purchasing Policy, Tesco Controls, Inc. is uniquely knowledgeable and qualified because similar/related services have been previously provided to the District.

NOW THEREFORE, BE IT RESOLVED, DETERMINED AND ORDERED BY THE NIPOMO COMMUNITY SERVICES DISTRICT BOARD OF DIRECTORS AS FOLLOWS:

1. The above recitals are true and correct.
2. The General Manager is authorized to solicit bids from pre-qualified general contractors, reservoir constructor subcontractors and reservoir prestressor subcontractors who wish to bid on the Supplemental Water Project Joshua Road Pump Station Reservoir.
3. Tesco Controls, Inc. shall be designated in the bid documents to provide process control and instrumentation system integration services for the Supplemental Water Project Joshua Road Pump Station Reservoir and no substitution of subcontractors for this system shall be allowed.

**NIPOMO COMMUNITY SERVICES DISTRICT
RESOLUTION NO. 2016-XXXX**

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE NIPOMO COMMUNITY SERVICES DISTRICT
AUTHORIZING STAFF TO SOLICIT BIDS FOR
SUPPLEMENTAL WATER PROJECT JOSHUA ROAD PUMP STATION RESERVOIR**

On the motion of Director _____, seconded by Director _____ and on the following roll call vote, to wit:

AYES:
NOES:
ABSENT:
CONFLICTS:

The foregoing resolution is hereby adopted this 27th day of January 2016.

Craig Armstrong, President
Nipomo Community Services District

ATTEST:

Mario Iglesias
General Manager and Secretary to the Board

Michael W. Seitz
General Counsel