DEPARTMENT: Public Works

RECOMMENDED ACTION AND JUSTIFICATION:
Adopt Plans and Specifications and authorize Public Works to advertise and to bid for a water well in preparation of a fire fighting system at the Mariposa-Yosemite Airport.

Authorize the Public Works Department to adopt Plans and Specifications, and advertise for a well driller, for the installation of a community standard water well at the Mariposa-Yosemite Airport. This well is in preparation of installation of a fire fighting system that will include pumps, tanks, water lines, and hydrants to serve the apron areas at the airport.

The well drilling is being requested for this fall so that it will be in place prior to installation of the remainder of the water system. Once the location and yield of the well is determined a water system will be designed to complement the quality of the well.

Funding is through a Federal Aviation Administration grant of $450,000 for a project that also includes lighting upgrades (AIP 3-06-0147-05). The funding requires a 5% match by the County. The remaining 5% is being requested through the State Division of Aeronautics. The Engineer's estimate for the project is $25,000. If State match funds are unavailable the estimated $25,000 (10% match) may be obtained from either the Airport Improvement Project Account of from the California Aviation Airport Project Account (CAAP). Staff will return to the Board with bid results and contract award recommendations.

BACKGROUND AND HISTORY OF BOARD ACTIONS:
The Board approved application and accepted a grant from the FAA for the water system for fire fighting and the lighting upgrades August 19, 2003.

ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:
Do not authorize advertising the project. The project will be delayed.

Financial Impact? (x) Yes ( ) No Current FY Cost: $ 
Budgeted In Current FY? ( ) Yes ( ) No (x) Partially Funded
Amount in Budget: $ 450,000
Additional Funding Needed: $ 25,000
Source: 
Internal Transfer
Unanticipated Revenue
Transfer Between Funds
Contingency ( ) General ( ) Other

Annual Recurring Cost: $ 

List Attachments, number pages consecutively
1. Specs. For Mariposa-Yosemite Airport Water Well Drilling

CLERK'S USE ONLY:
Res. No.: Ord. No. _____ Vote – Ayes: _____ Noes: _____ Absent: _____
Approved Minute Order Attached ( ) No Action Necessary

The foregoing instrument is a correct copy of the original on file in this office.

Date: 
Attest: MARGIE WILLIAMS, Clerk of the Board
County of Mariposa, State of California
By: Deputy

COUNTY ADMINISTRATIVE OFFICER:
Requested Action Recommended (____) No Opinion
Comments:

CAO: 

Revised Dec. 2002
SPECIFICATIONS
NOTICE TO CONTRACTORS
SPECIAL PROVISIONS
PROPOSAL AND CONTRACT
SITE PLAN

FOR
PUBLIC WORKS
PROJECT NO. PW-03-08

MARIPOSA-YOSEMITE AIRPORT
WATER WELL DRILLING

JULY 2004

Attachment #1
MARIPOSA COUNTY, CALIFORNIA

CONTRACT DOCUMENTS

MARIPOSA-YOSEMITE AIRPORT
WATER WELL DRILLING

PUBLIC WORKS
PROJECT NO. PW-03-08

BOARD OF SUPERVISORS

Garry R. Parker, Chair
Doug Balmain, Vice-Chair
Janet Bibby
Lee Stetson
Bob Pickard

FOR USE WITH STANDARD SPECIFICATIONS AND STANDARD PLANS DATED JULY 2002 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, MARIPOSA COUNTY HEALTH DEPARTMENT REQUIREMENTS, AND THE CURRENT GENERAL PREVAILING WAGE RATES AND LABOR SURCHARGE AND EQUIPMENT RENTAL RATES.

James J. Petropulos, Director of Public Works

July 30, 2004
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NOTICE TO BIDDERS
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BID SCHEDULE
SITE PLAN
SAMPLE CONTRACT

END OF SECTION
MARIPOSA-YOSEMITE AIRPORT
WATER WELL DRILLING
PROJECT NO. PW-03-08
MARIPOSA COUNTY DEPARTMENT OF PUBLIC WORKS

NOTICE TO BIDDERS

SEALED PROPOSALS for this project will be received by Mariposa County at the Mariposa County Department of Public Works Office, located at 4639 Ben Hur Road, Mariposa CA, until 2:00 p.m., on Thursday, August 26, 2004 at which time they will be publicly opened and read, for performing work as follows:

MARIPOSA-YOSEMITE AIRPORT
WATER WELL DRILLING

Furnish all materials required to drill, test, and develop a water well at the Mariposa-Yosemite Airport as described in these Specifications and Contract Documents.

No bid will be received unless it is made on a proposal form (bid schedule) furnished by the Mariposa County Department of Public Works.

Bids are required for the entire work described herein. All bids are to be compared on the basis of the County's estimated quantities of work to be done. The County reserves the right to select the lowest responsible bidder. The County will select the bid most advantageous to the County.

Copies of special provisions and proposal forms may be obtained from Mariposa County Department of Public Works, located at 4639 Ben Hur Road, Mariposa. CA 95338, (209) 966-5356

The well driller shall drill the well within 5 weeks from the issuance of the Notice to Proceed and after the contract has been approved by the Department of Public Works.

The County of Mariposa reserves the right to reject any or all bid proposals and to waive any informalities or irregularities in any bid or in the bidding.

Dated this 30th day of July, 2004.

County of Mariposa

James J. Petropulos
Director of Public Works
SPECIFICATIONS

Purpose for the well:
The water well drilling is in preparation for later installation of pump, storage tanks, and water lines. These other improvements to support a fire fighting system and hydrants will be installed per FAA standards. The finished well shall also be usable as a potable source.

Well drilling & Testing:
Well driller (CONTRACTOR) will select appropriate location for the well on the north side of runway, within area designated on site map, and in cooperation with Project Engineer. Mariposa County Public Works will make application and pay for well permit, however, CONTRACTOR will be required to coordinate inspections and ensure well is installed to meet requirements of the permit. A Native American observer may be on site during the site selection process and initial drilling. Any adjustments to location for cultural reasons will be made prior to drilling bedrock. CONTRACTOR is to drill community well, meeting public, commercial, water well requirements per County (Environmental Health) and State Department of Health Services standards. Well shall be minimum 8” diameter, to depth required to yield water quantity to satisfy Project Engineer.

CONTRACTOR shall test pump the well to disclose ability of well to support a steady flow following draw down to a steady level, over hours or days as required. Water yield shall be measured by means of meter, per DWR standards. Payment for drilling and testing shall be included in the per foot unit cost.

Well development:
CONTRACTOR shall develop the well and install annular casing, lining, sealed cover cap and/or other improvements required to meet Mariposa County Health Department community/public well permit requirements, state requirements, and to serve local conditions. These well development costs will be reflected in the per foot unit costs.

All materials must be of good quality and are subject to approval by Mariposa County Department of Public Works. Location of well and all materials should be verified with the Project Engineer prior to purchase or installation.

END OF SECTION
PROPOSAL TO MARIPOSA COUNTY, Page 1
FOR THE INSTALLATION OF
MARIPOSA-YOSEMITE WATER WELL
PROJECT NO. PW-03-08

NAME OF BIDDER:__________________________________________________________

BUSINESS ADDRESS:________________________________________________________

________________________________________________________________________

________________________________________________________________________

TELEPHONE:____________________ FAX:_____________________________________

License number (C57):________________________

The work for which this proposal is submitted is for construction in accordance with the special provisions (including payment of not less than the minimum wage rates set forth therein) and the contract annexed hereto, the project specifications entitled MARIPOSA COUNTY DEPARTMENT OF PUBLIC WORKS; MARIPOSA-YOSEMITE WATER WELL DRILLING dated July 30, 2004 and also in accordance with the State of California Department of Transportation Standard Specifications dated July 2002, the Labor Surcharge and Equipment Rental Rates in effect on the date the work is accomplished, and the General Prevailing Wage Rates in effect on the date of bid opening.

Bids are to be submitted for the entire work. All bids will be compared on the basis of the County's estimated quantities of work to be done. The County will select the bid most advantageous to the County. The County will not award multiple contracts for this work.

The bidder shall set forth for each item of work a unit price based on the estimated quantities, all in clearly legible figures in the respective spaces provided for this purpose.

If this proposal shall be accepted and the undersigned shall fail to enter into the contract with the Mariposa County Department of Public Works, within (8) days, not including Saturdays, Sundays and legal holidays, after the bidder has received notice from the Engineer that the contract has been awarded, the County of Mariposa may, at its option, determine that the bidder has abandoned the contact, that thereupon this proposal and the acceptance thereof shall be null and void and the forfeiture of any such security accompanying this proposal shall operate and the same shall be the property of the County of Mariposa.
BID SCHEDULE

THE BIDDER'S EXECUTION OF THE SIGNATURE PORTION OF THIS PROPOSAL SHALL ALSO CONSTITUTE AN ENDORSEMENT AND EXECUTION OF THOSE CERTIFICATIONS WHICH ARE A PART OF THIS PROPOSAL
BID SCHEDULE
MARIPOSA-YOSEMITE
WATER WELL DRILLING
PW-03-08

Furnish all materials required for drilling, testing, and developing a water well as shown on the site plan and as described in these Specifications and Contract Documents.

<table>
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<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>ESTIMATED QUANTITY</th>
<th>UNIT PRICE</th>
<th>TOTAL</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Water well drilling, 8&quot; diameter, estimated 400 foot deep, and including all site selection, yield testing and well development costs</td>
<td>Linear Foot</td>
<td>400</td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>Water well casing to suitable depth for community well</td>
<td>Linear Foot</td>
<td>50</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TOTAL

TOTAL CONTRACT AMOUNT IN WORDS

Contractor's signature

Address