

SEVEN RANCHES DOMESTIC WATER IMPROVEMENT DISTRICT
45755 W Edison Road suite 100, Maricopa, AZ 85139
7RanchesDWID@maricopa-az.gov
Public Hearing
July 27, 2022

Notice is hereby given to the public that the Seven Ranches Domestic Water Improvement District is holding a SPECIAL MEETING on July 27, 2022 at 3:00 p.m. at 45755 W. Edison Road Suite 100, Maricopa, AZ. Public opinion & input is welcome via mail and email also.

PURPOSE OF THE SPECIAL MEETING: To discuss and take action, on a proposal for engineering services from Westland Engineering to build a hydraulic modeling of the Seven Ranches Domestic Water Improvement District.

SPECIAL MEETING AGENDA
July 27, 2022

PURSUANT TO A.R.S. 38-431

Notice is hereby given to the public that the Seven Ranches Domestic Water Improvement District governing board will hold a **SPECIAL** Board of Directors Meeting on July 27, 2022 at 3:00 p.m. The meeting will be held at **45755 W. Edison Road suite 100, Maricopa, AZ**

- I. Agenda**
- A. Call to Order
 - B. Roll Call
 - C. Call to Public

The Committee requests that you express your ideas in two minutes or less. Please refrain from personal attacks or derogatory statements of persons in attendance or those not in attendance. The Board Chair will limit the discussion as he/she deems such an action is appropriate. Individual members of this board may respond to criticisms made by those who have addressed the board and may request the Board and/or its staff to review a matter, or ask for the matter to be put on a future agenda.

II. Business before the Board

- 1. Meeting Minutes - Discuss/Approve/Deny: Meeting minutes
- 2. Financial Report: Christopher Evripidou, Senior Accountant.
- 3. Field Operations Report: Keith Loomis, Deputy Director of Public Services.

III. New Business

- 1. The Board will review for approval, the proposal from Westland Engineering & Environmental Services, for engineering services to build a hydraulic modeling of the Seven Ranches Domestic Water Improvement District: **Discussion and Action.**

See Attached supporting Documents:

IV. Adjournment

REVISED DATE POSTED: 6/14/22, AT _012:00 AM .INITIALS: KL-PERSONS WITH DISABILITIES NEEDING ACCOMMODATION OR ALTERNATIVE FORMATS SHOULD CONTACT DISTRICT. REQUESTS SHOULD BE MADE 72 HOURS IN ADVANCE. Equal Opportunity Provider & Employer

EXHIBITS:

July 21, 2022

Mr. Keith Loomis
City of Maricopa
39700 W. Civic Center Plaza
Maricopa, Arizona 85138

**Re: 7 RANCHES HYDRAULIC MODEL DEVELOPMENT
WESTLAND PROPOSAL NO. P10316**

Dear Mr. Loomis:

WestLand Engineering & Environmental Services (WestLand) is pleased to provide this proposal for engineering consulting services to build a hydraulic modeling of the 7 Ranches Domestic Water Improvement District (DWID). The purpose of creating this model is to have a basis of the water system that can be analyzed for the ability to serve future development within the DWID boundaries. As developments are built, the Maricopa County of Environmental Services Department (MCESD) will require a water system design report sealed by a professional engineer registered in the state of Arizona. This model will allow WestLand to supply a hydraulic memo in support of future development.

WestLand is proposing to use existing base maps, previous reports, site assessment, and data collected from 7 Ranches operations (including current system water uses) to build a model using InfoWater. A fire hydrant flow test will need to be performed by 7 Ranches DWID. This information will be used by WestLand to calibrate the model.

In preparing this proposal, certain assumptions were made and are listed below:

- 7 Ranches will conduct fire hydrant flow test at a hydrant identified by WestLand. The pressure and flow information will be provided to WestLand. This information will be used to calibrate the newly developed model.
- 7 Ranches operator will provide information not available to WestLand in previously received documents such as water system demands, pressure setting for the pumps, etc.
- Modeling for a specific event and a memorandum is not part of this proposal

WestLand proposes to provide the Base Water Model and Calibration for a lump sum fee of \$7,400.

Once a purchase order has been issued or Notice to Proceed, WestLand estimates the overall project time to be approximately 3 weeks to complete the model and calibrate it. This timeframe is dependent upon receipt of information from 7 Ranches regarding fire hydrant flow test data and operational information requested by WestLand.

Mr. Keith Loomis
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If you have any questions or require additional information, please do not hesitate to call.

Respectfully,
WestLand Engineering & Environmental Services

Dina Miller

Dina Miller
Project Manager



Craig Cannizzaro, PE
Vice President | Engineering

DBM:bsh

cc: Tom Chapa, 7 Ranches DWID