

# REQUEST FOR PROPOSALS

for

## Groundwater Well Inspection and Equipment Installation Services



Montecito Groundwater Basin  
Groundwater Sustainability Agency

583 San Ysidro Road  
Santa Barbara, CA 93108

## I. STATEMENT OF PURPOSE

The Montecito Groundwater Basin Groundwater Sustainability Agency (Agency) is soliciting Proposals from qualified contractors to provide construction services to perform groundwater well inspection and equipment installation services in the Montecito Groundwater Basin (Basin). This Request for Proposals (RFP) outlines the expected submittals for all interested Proposers.

## II. BACKGROUND

As a coastal basin with historically unregulated groundwater extraction, there is the potential for the Basin to experience several undesirable results, as defined by the Sustainable Groundwater Management Act (SGMA), including chronic lowering of groundwater levels, degradation of water quality, and sea water intrusion. In May of 2020, the Agency was awarded funds from DWR through the Sustainable Groundwater Management Grant, to conduct several projects to assist with the development of the Agency's Groundwater Sustainability Plan (GSP).

One of these projects is the development of a sea water intrusion monitoring network. The purpose of the monitoring network is to provide monitoring of groundwater levels and quality in pre-existing coastal wells of the Basin. Wells in the network will be used to assess existing and potential sea water intrusion risk and will be used as monitoring points for minimum thresholds related to groundwater levels and water quality. In order to assess a network well's candidacy for the project, video logs will be run on each well and evaluated to determine casing integrity and ensure the highest level of data quality when obtaining groundwater samples for analysis.

The wells in this monitoring network are owned by both the Agency and privately by property owners. Right of access agreements have been obtained by the Agency for any privately-owned well for the purposes of conducting this project.

Groundwater wells in the monitoring network all have PVC casing that vary in diameter from a minimum of 4 inches to a maximum of 8 inches. Four of the five wells currently are equipped with submersible pumps while the fifth is an empty casing. Pump depths on these four wells vary from 100 feet below ground surface (BGS) to 300 feet (BGS).

The Agency will provide the Proposer with all available data on the sea water intrusion monitoring network wells after the project has been awarded.

Another project the Agency is developing is a Private Well Metering Pilot program. This project involves the installation of water meters on privately owned wells throughout the Basin and is designed to inform the Agency on private groundwater well extractions. The groundwater extraction data will be recorded by the Agency and used to assist in its

development and implementation of our GSP. Right of access agreements will have been obtained by the Agency for any privately-owned well in this project.

### III. SCOPE OF SERVICES

The scope of work presented here is a general overview of work expected to be completed.

#### Task 1 - Well Inspection and Evaluation

The Agency will be sampling groundwater wells for water quality parameters that could indicate sea water intrusion in the Basin. Water quality results may be skewed if casing integrity has been compromised or screened intervals differ from the reported screened interval on record. Therefore, the Agency desires to inspect the casing of five wells and determine (1) the integrity of the casing and (2) the screened interval. Well characteristics are shown below in Table 1.

**Table 1: Well Characteristics for Sea Water Intrusion Monitoring Network**

Well Index	Well Owner Type	Year Drilled	Well Depth (BGS ft)	Casing Diameter (")	Top Screen (BGS ft)	Bottom Screen (BGS ft)	Sanitary Seal (BGS ft)	Pump Depth (BGS ft)	Casing Material
1	Agency	1990	450	8, 4 @ 159'	170	370	50	151	PVC
2	Private	1984	200	8	90	200	80	120	PVC
3	Private	1988	165	6	110	160	82	160	PVC
4	Agency	1985	450	6	138	450	50	No Pump	PVC
5	Agency	1983	320	8.625	200	310	100	~290	PVC

The Contractor shall perform the following work under this task:

- a) Perform site visit(s) with Agency staff to each well.
- b) Remove existing submersible pump and discharge piping.
- c) Video Log of Casing. Video is to be provided to Agency in electronic format.
- d) Video Log Evaluation. Contractor shall provide the Agency with a summary of the screened intervals of each well and identify any integrity issues within each casing.
- e) Reinstall and test submersible pump.

#### Task 2 –Pump Installation

Well 4 in Table 1 is an agency owned well in the sea water intrusion network that currently does not have a submersible pump installed. The Agency is requesting costs associated with the installation and testing of a submersible pump for this well. The pump and associated motor shall be provided by the Agency.

The Contractor shall perform the following work under this task:

- a) Perform a site visit with Agency staff.
- b) Installation and testing of a submersible pump and 2” steel discharge piping (pump and motor to be provided by Agency). Anticipated pump depth: 330’ BGS.

### Task 3 – Installation of Water Meters on Privately Owned Wells

The Agency’s Private Well Metering Pilot Program involves the monitoring of well extraction volumes from selected privately owned wells in the Basin. These wells may be required to have existing (if present) water meters removed, and new water meters installed, to ensure accuracy in groundwater extraction volumes for the project. The Agency is planning for 40-60 wells to be involved in this program. The installation of these water meters shall be staged and grouped as participants join the program. It is anticipated that this task shall be performed over the course of several months throughout 2021 as wells become available for meter installations. Each meter installation will require site visits by Agency staff and the Contractor to determine the best course of action for installation.

The Contractor shall perform the following work under this task:

- a) Perform site visit(s) with Agency staff to each well.
  - a. Determine any additional piping or equipment required for water meter installation(s)
  - b. Proposer shall provide the Agency a list of materials and costs needed for installation post site visit (material costs should not be included in cost for proposal).
- b) Installation of water meter(s) on well(s) where requested by the Agency.
  - a. The Proposer shall provide a cost for all labor and equipment required to perform a single meter installation (material costs should not be included in cost provided).
  - b. The Agency will provide water meters for installation.

### IV. PROPOSERS FEE

Proposers shall provide the Agency with costs for the items shown in the table below, at a minimum. The cost shall include all labor, materials, equipment, and associated costs to perform the scope described above (except for task 3). The Proposer may provide unit costs for other typical services provided by the firm, if desired.

Scope of Work	Cost
Task 1 – Well Inspection and Evaluation	
- Well 1	\$
- Well 2	\$
- Well 3	\$
- Well 4	\$
- Well 5	\$
Task 2 – Pump Installation on Well 4	\$
Task 3 – Installation of Water Meters	\$ (Labor and Equipment Only)

## V. SUBMITTAL REQUIREMENTS AND FORMAT

Proposers shall submit to Agency via email an electronic PDF copy of the Proposers' Proposals by **5:00 PM on Monday, March 29<sup>th</sup>, 2021**.

Proposals shall be sent to:

[nkunstek@montecitogsa.com](mailto:nkunstek@montecitogsa.com)

Groundwater Specialist  
Montecito Water District  
583 San Ysidro Road  
Santa Barbara, CA 93108-2124

The minimum information required for inclusion in the Proposal shall be as listed below. The Proposer may submit additional information if needed.

1. Background of Firm including relevant experience within the last five (5) years
2. A brief description of the Proposer's understanding of the project and a description of how the Proposer will approach the project.
3. Proposer's Fee

## VI. EVALUATION OF PROPOSALS AND SELECTION PROCESS

Proposer submittals will be evaluated as described below. Submittals which do not comply with all submittal requirements as stipulated herein may be considered non-responsive by the Agency and may not be considered for selection. Proposals deemed responsive will be evaluated based on the following.

1. Qualifications of Firm
2. Proposed Unit Costs

## VII. PROPOSED PROJECT SCHEDULE

RFP Issued	Monday March 1, 2021
Proposals Due	Monday March 29, 2021
Work Period	April thru December, 2021

## VIII. RESERVATION OF RIGHTS

The Agency reserves the rights to reject any and all Proposals. This Request for Proposals is a solicitation, not an offer to contract. The Agency reserves the right to issue clarifications and other directives regarding this RFP, to require further clarification or

information with respect to any Proposals submitted, and to determine the final terms and conditions of any contract. Any and all costs associated with the preparation and response to this RFP shall be borne solely by the Proposer and at no cost to the Agency.

## IX. QUESTIONS

Questions regarding this Request for Proposals (RFP) shall be addressed to:

Nicholas Kunstek  
Groundwater Specialist  
Montecito Groundwater Agency  
583 San Ysidro Road  
Santa Barbara, CA 93108-2124  
[nkunstek@montecitogsa.com](mailto:nkunstek@montecitogsa.com)

Questions can be submitted via electronic mail.

Questions submitted after 5:00 PM on Thursday March 25<sup>th</sup>, 2021 will not be answered.