



# Imperial County Planning & Development Services Planning / Building

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Jim Minnick  
DIRECTOR

November 19, 2021

**SUBJECT: Request for Proposals for Groundwater Analysis and Hydrogeologic Report  
Desert Shores Restoration Project; Initial Study (IS) #21-0030**

Dear Consultants:

The Imperial County Planning & Development Services Department (ICPDS) is soliciting proposals from qualified consultants in groundwater analysis to prepare a Hydrogeologic Report (Report) for the above-mentioned project. The Report shall establish that groundwater quality and quantity are adequate, and will not adversely impact uses allowed in the areas causing or exacerbating any potential for overdraft condition in the groundwater basin or sub basin. The Report will be integrated into the California Environmental Quality Act (CEQA) environmental review process.

The Study should include the following information:

**I. SUBJECT**

The Imperial County Planning and Development Services is soliciting proposals from qualified consultants to provide professional consulting services to conduct a hydrogeological investigation of the aquifer, or any appropriate document, to evaluate the aquifer's ability to extract water under varying hydrologic conditions. The purpose of the investigation is to determine the feasibility of extracting 300 Acre/Feet yearly, with two (2) proposed new water wells (primary and secondary).

The properties are located on the Desert Shores area, east of State Highway 86 between Capri Lane and Acapulco Lane. The properties are further identified with the following Assessor's Parcel Numbers (See attached maps):

Location #1 001-164-032

Location #2 001-111-011 thru -017

The intent of water extraction is to restore the Desert Shores water channels to historic levels since water has receded completely and the "fingers" have been disconnected from the Salton Sea. The extracted water will be mixed with Salton Sea water to fill the channels, which will serve as dust suppression measures for the neighboring community residents and will also serve as habitat restoration for fish and birds in the region.

## **II. SCOPE OF SERVICES**

The scope of work presented here is a general overview of work expected to be completed. The Selected Consultant shall define the specific project approach and scope of services. The Selected Consultant shall include a detailed description of all project tasks, including those suggested herein, with any recommended changes or additions. Each task shall include a discussion of the proposed methodology, key personnel involved, and scheduling.

### **1. Data Gathering**

The Selected Consultant shall collect and review data obtained from the County, regulatory agencies, or other identified sources needed for the hydrogeological investigation. It is anticipated that the data will include:

- Previous groundwater studies – describing aquifer characteristics (thickness, orientation, extent, degree of confinement), estimates of aquifer properties, etc.
- Well Data for existing Wells within the impact area -production well pumping rates, water quality, well logs, geophysical logs, water level data, pump test results and well yields.
- GIS data – topography, well locations, approximate fault locations, and parcels with groundwater wells.
- Any other data relevant to the completion of this scope.

### **2. Hydrogeological Characterization**

The Selected Consultant shall prepare a hydrogeologic characterization of the aquifer which will be required for the proposed project site and surrounding area. The purpose of the characterization is to assess the ability of the aquifer to produce water. The Selected Consultant shall provide the County with a Technical Report (TR) describing the area(s) where groundwater extraction wells are determined to be most feasible. This includes:

- a) Developing an understanding of the aquifer (considering wet, normal and drought conditions);
- b) Existing groundwater production in the area
- c) Existing and proposed production well rates;
- d) Location of confining layers and faults that would limit the recharge rates and volumes;
- e) Existing groundwater quality;
- f) Minimum water quality standards for the proposed extraction;
- g) Location of sensitive habitats, waterways, or other assets that could be impacted by the extraction operations;
- h) Direction of groundwater movement;
- i) Provide Key Deliverables; and
- j) Any other relevant information and results.

### **3. Groundwater Extraction Feasibility Analysis**

The Selected Consultant shall use the information developed in the hydrogeological characterization to identify favorable areas for groundwater extraction:

### **III. SUBMITTAL REQUIREMENTS AND PROPOSAL FORMAT**

Submittals shall conform to the requirements described herein. Qualified Consultants shall submit to ICPDS one (1) original hard copy and one (1) electronic PDF copy of the Proposal by 5:00 PM on Monday, **December 6, 2021**. Proposals shall be bound. Proposals shall be submitted in a sealed envelope clearly marked Proposal for Groundwater Analysis and Hydrogeologic Report. Proposals shall be sent to:

Imperial County Planning and Development Services  
Attn: Diana Robinson, Planning Division Manager  
801 Main Street  
El Centro, CA 92243

The minimum information required for inclusion in the Proposal shall be as listed below.

The Qualified Consultant may submit additional information if needed.

1. Table of Contents
2. Background of Firm
3. Consultant's qualifications and experience within the last five (5) years as the prime consultant of record, and descriptions of representative projects similar in nature and scope that include owner name and references that can be contacted by ICPDS.
4. Subconsultant's (if any) qualifications and experience within the last five (5) years and descriptions of representative projects similar in nature and scope that include owner name and references that can be contacted by ICPDS.
5. Consultant's understanding of the project and a description of how the Consultant will approach the project with specific milestones and deliverables for each task.
6. Detailed description of the Scope of Services to be provided with a breakdown of different tasks. The Consultant may revise the scope of services in this RFP and should call out the proposed revisions in their proposal.
7. Organization chart of key personnel and resumes for project team, including name of Project Manager, key staff members, and any subconsultants to be retained by Consultant.
8. Proposed project schedule provided by Consultant shall include time for review of deliverables by ICPDS staff and include any meetings.
9. Confirmation of Receipt of all related addenda (if any).
10. Consultant's fee for the project, broken down separately for each of the tasks. The fee shall be based on the Consultant's employee rate schedule, with a not to exceed amount, including the estimated costs for mileage, reimbursable and reproduction costs. Please submit employee rate schedule with the proposal. Consultant's fee will not be used as the sole basis for selection; however, it will be a key factor for consideration.

### **ADDITIONAL COMMENTS**

RFP for Hydrogeologic Report  
IS #21-0030 Desert Shores Restoration Project

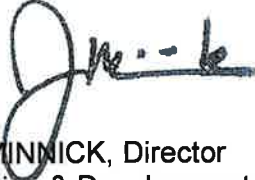
County reserves the right to reject any or all proposals.

County reserves the right to request clarification of information submitted and to request additional information from the firm(s).

Successful consultant shall provide and maintain professional liability, worker's compensation, property damage, errors and omissions, and any additional lines of coverage required by the County.

Should you have any questions, please do not hesitate to contact Diana Robinson at [dianarobinson@co.imperial.ca.us](mailto:dianarobinson@co.imperial.ca.us) or by phone at (442) 365-1736, extension 1751.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Minnick". The signature is stylized with a large initial "J" and a horizontal line extending to the right.

**JIM MINNICK, Director  
Planning & Development Services**

Attachment: Location Maps for 001-164-032 and 001-111-011

DRIS:\AllUsers\IS21-0030 DESERT SHORES REST. PROJECT\RFP HYDROLOGY REPORT\General Consultatns for webRFP Hydrology Report IS21-0030 dated 11 19 2021 .docx



APN 001-111-011





1" = 188 ft	Chuo TRS	11/10/2021		
<p>This map may represent a visual display of related geographic information. Data provided here on is not guarantee of actual field conditions. To be sure of complete accuracy, please contact the responsible staff for most up to date information.</p>				



# APN 001-164-032



1" = 188 ft	SCSD	11/10/2021		
<p>This map may represents a visual display of related geographic information. Data provided here on is not guarantee of actual field conditions. To be sure of complete accuracy, please contact the responsible staff for most up to date information.</p>				