

**DUCHESNE VALLEY WATER TREATMENT PLANT ALGAE STRAINER PROJECT  
CENTRAL UTAH WATER CONSERVANCY DISTRICT**

**REQUEST FOR CMGC PROPOSALS & CONTRACTOR PREQUALIFICATION**

**RECEIPT OF PROPOSALS:** Technical and qualification proposals will be received at the office of the Chief Engineer of the Central Utah Water Conservancy District, (the "OWNER" of the work), 355 West University Parkway, Orem, Utah 84058, until **1:00 PM MST on Thursday, May 24<sup>th</sup>, 2018**, for preconstruction phase services including design review, cost estimation, and preparation of a Guaranteed Maximum Price (GMP) to furnish materials, equipment and labor, and performing all work for construction of the Duchesne Valley Water Treatment Plant Algae Strainer Project ("Project") for the Central Utah Water Conservancy District ("Owner" or "District"). The award, if made, will be within forty-five (45) days after receipt of the proposals.

**CMGC PROJECT DELIVERY:** The Owner intends to enter into a CMGC agreement with the selected Contractor for preconstruction phase services, including design review and construction cost estimates at the 30, 60, and 90 percent design levels as well as preparing a GMP. If the Owner and Contractor agree on the GMP, the Owner will issue a Notice to Proceed for Project construction.

**PRE-QUALIFICATION:** CONTRACTORS ARE REQUIRED TO SUBMIT QUALIFICATIONS AS PART OF THEIR PROPOSAL BY THE OWNER. The Owner will prequalify Contractors based on the qualifications provided in the proposals. In the event that the Owner and the selected Contractor cannot agree on the GMP, the owner reserves the right to solicit bids for the construction from the previously pre-qualified general contractors and only the prequalified contractors will be allowed to submit a bid.

**DESCRIPTION OF WORK:** The Duchesne Valley Water Treatment Plant (DVWTP) is an 8 Million Gallons per Day (mgd) direct filtration plant with capacity expandable to 12 mgd. Seasonal filter clogging algae events create significant capacity restrictions due to excessive headloss and filter backwashes for approximately two months in the late fall. Piloting of several different types of screening and strainer technologies identified Arkal strainers as a low-cost solution to increase plant production during these algae events. The DVWTP Algae Strainer Project includes the construction of algae strainers to improve the effective capacity of the DVWTP during an algae event. The DVWTP Algae Strainer Project has the following components: (1) Construction of the algae strainer building - simple CMU rectangular building designed to accommodate future strainers, process pipes concrete encased below the building, located to the south of the raw water line vault to avoid existing utility conflicts, and appurtenances including electrical, HVAC, and others as determined by the Design Engineer; (2) Process equipment installation and plant integration - install Arkal strainers, welded steel process piping, bypass piping and flow meters, install backflush pumps and tank, install instrumentation and control systems, integrate strainer control system with plant control system; (3) Connect to the 24-inch DVWTP raw water line and into the strainer building and a return back to the 24-inch raw water line; (4) Construction of a backwash sump and approximately 800 linear feet of the 12-inch strainer backwash waste line and a connection to the existing 8 to 10-inch lagoon waste line that discharges into Starvation Reservoir.

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**SITE OF WORK:** The work is located at the Duchesne Valley Water Treatment Plant in Duchesne County, Utah, directly east of Starvation Dam and Reservoir. The DVWTP is located about 2.5 miles north and west of Duchesne City.

**COMPLETION OF WORK:** Work under this contract will begin on or before the tenth day after receiving written Notice to Proceed from the District. The Preconstruction Services Phase of work is anticipated to occur between 6/21/18 and 10/23/18. The Construction Phase is anticipated to last 11 months beginning in October 2018.

**RECEIPT OF PROPOSALS:** The proposals will be received until **1:00 p.m. on Thursday, May 24<sup>th</sup>, 2018.** Any proposal received after the closing time for receipt of proposals will be returned unopened.

**OBTAINING RFP DOCUMENTS:** The Request for Proposal is titled "DUCHESNE VALLEY WATER TREATMENT PLANT ALGAE STRAINER PROJECT". The Request for Proposal documents will be available Monday, April 30<sup>th</sup>, 2018, on [www.questcdn.com](http://www.questcdn.com) and may be downloaded for a \$5 fee. The project number is #5735493. The Owner will not provide any hard copies of the Request for Proposal documents.

**MANDATORY SITE VISIT:** A ***mandatory*** site visit will be held on **TUESDAY, May 15<sup>th</sup>, 2018** to field review the proposed construction area, which will include a question and answer period. This ***mandatory*** site visit will start at **10:00 am at the Duchesne Valley Water Treatment Plant located at 23419 West State Park Road, Duchesne, Utah.** The purpose of this meeting will be to clarify the intent of the Request for Proposal documents and to answer any questions contractors and/or suppliers may have on the project. ***Only those CONTRACTORS who have attended the mandatory site visit will be allowed to submit proposals.***

**PRESENTATION BY PROPOSERS:** The District may select the most qualified Contractor solely based on the proposals received. However, the District may invite two or more of the proposers determined as the most qualified to make 25-minute presentation followed by a 20-minute question and answer session before the selection committee. The presentations will be held on **Thursday June 18<sup>th</sup>, 2018,** if needed.

**PROJECT ADMINISTRATION:** All communication related to the WORK shall be directed to the District Chief Engineer prior to submitting Proposal.

K.C. Shaw, P.E., Chief Engineer  
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Orem, Utah 84058-7303  
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**OWNER’S RIGHT RESERVED:** The Central Utah Water Conservancy District reserves the right to reject any or all proposals, to waive any formality, or technicality in a proposal, and to make award based on the selection criteria listed in the RFP as deemed in the best interests of the Owner, or the public good.

**TENTATIVE PROJECT SCHEDULE:** The following is a preliminary schedule and is subject to change:

RFP Documents Available: ..... *Monday, April 30, 2018*  
**Mandatory Site Visit:**..... **10:00 am, Tuesday, May 15, 2018**  
**Proposals Due:**..... **1:00 pm, Thursday, May 24, 2018**  
Short-list (District Notification) ..... *Wednesday, June 6, 2018*  
CMGC Presentations (if needed) ..... *Thursday, June 18, 2018*  
Board of Trustees Approve Award: ..... *Wednesday, June 20, 2018*  
30% Review Workshop and CMGC Kickoff Meeting: ..... *Thursday, June 21, 2018*  
Guaranteed Maximum Price Submittal Due: ..... *October 18, 2018*  
Notice to Proceed – Field Construction: ..... *October 24, 2018*  
Construction Complete:..... *September 27, 2019*

Central Utah Water Conservancy District

By: K.C. Shaw. P.E.  
Chief Engineer