

## **ATTACHMENT 1 – PREQUALIFICATION SUBMISSION REQUIREMENTS FOR CATEGORY #499 – PRESTRESSED CONCRETE TANKS AND RESERVOIRS**

The specifications in the 1,500,000 Gallon Ground Storage Reservoir No. 31 Contract require single party responsibility for the design and the construction of the tank. The tank design and construction shall be performed by an established Tank Contractor of recognized ability, having at least ten years of experience in the design and construction of tanks with an AWWA D110 Type III wire or strand wound prestressed concrete core wall as specified herein. The design and construction of all aspects of the foundation, floor slab, wall, prestressing, shotcrete and dome roof of the wire or strand wound circular prestressed tank shall be performed by the Tank Contractor. The Tank Contractor may subcontract labor for reinforcing steel installation and for concrete slab placement under the Tank Contractor's direct supervision.

It is the goal of the City to utilize Tank Contractors that specializes in the design and construction of wire or strand wound prestressed concrete tanks using the method of circumferential prestress reinforcing and with proven capability of meeting all the requirements of these specifications. No company is considered qualified unless it has designed and built in its own name or under one of its divisions at least twenty AWWA D110 prestressed concrete tanks with a Type III core wall in the last ten years. Experience in the design and construction of tanks with a Type I, II or IV core wall is not acceptable.

Tank Contractors bidding to construct the 1,500,000 gallon Ground Storage Reservoir No. 31 shall submit a resume showing that they clearly meet the minimum qualifications required to be prequalified under item #499, Other: Prestressed Concrete Tanks and Reservoirs. This resume shall be submitted along with the Contractors Pre-Qualification Application and Affirmative Action Plan packet, or, with an Amendment to Contractors Prequalification Application if a previously approved and active prequalification status to bid on City of Madison public works contracts is on file.

### Resume Submittal Requirements:

1. Submit a complete experience record for the tanks they have designed and built in their own name. The record shall include the Tank Contractor's experience in the design and construction of wire or strand wound, prestressed concrete tanks conforming to AWWA D110, having a Type III core wall. The record shall also indicate the size of the tank, the name and address of the Owner, the year of construction, and the name of the Engineer for each project.
2. Submit the name of the tank designer, currently in its employ, and his/her experience as the designer of record for tanks with an AWWA D110 Type III core wall, including the size of the tank, seismic zone, the name and address of the Owner, the year of construction and the name of the Engineer.
3. Submit the resumes for each member of the project team including the tank superintendent, project manager, shotcrete foreman, wire or strand winding foreman, and precast erection foreman that will be used for this project, each of whom shall have constructed a minimum of three tanks with an AWWA D110 Type III core wall and a capacity of 1.0 MG or greater.

All Tank Contractor bids that are provided without supplying this information and/or obtaining approval status as #499, Other: Prestressed Concrete Tanks and Reservoirs shall be considered non-responsive.