

REQUEST FOR STATEMENT OF PREQUALIFICATIONS

for

GREAT WATER ALLIANCE GREAT LAKES WATER SUPPLY PROGRAM

NOTICE

Notice is hereby given that the Great Water Alliance (GWA) on behalf of the Waukesha Water Utility (WWU; Owner) has determined that any general contractor or first-tier subcontractor interested in receiving a bid proposal package for the Great Lakes Water Supply Program shall be prequalified by GWA, as set forth in the [Wisconsin State Legislature Statute chapter 66.0901 \(2\) and \(3\)](#). It is therefore mandatory that any contractor or first-tier subcontractor who intends to submit a bid fully complete the prequalification package, provide all documentation requested herein, and be approved by GWA to be on the Qualified Contractor Bidders List. Prospective contractors who intend to submit a prequalification package shall register as a “plan holder”. The Plan Holder List will be periodically updated and posted at www.greatwateralliance.com. Only registered Plan Holders will be notified of addenda to these prequalification documents.

No “Notice to Bidders” documents will be sent to or received from a contractor who has failed to comply with these requirements. If interested parties are in a joint venture, indicate Joint Venture Teamed in the prequalification package and include both parties’ information. If an interested party intends to be a part of a joint venture, but has not yet teamed with another party, complete the prequalification package as Joint Venture Planning.

A first-tier subcontractor is defined as a subcontract awarded directly by the Contractor for the purpose of acquiring supplies or services (including construction) for performance of a prime contract. It does not include the Contractor's supplier agreements with vendors, such as long-term arrangements for materials or supplies that benefit multiple contracts and/or the costs of which are normally applied to a contractor's general and administrative expenses or indirect costs.

For the purpose of this prequalification, a first-tier subcontractor shall include trenching and excavation contractor, underground utilities installation contractor, trenchless technologies contractor, electrical contractor, mechanical contractor and plumbing contractor. These subcontractors shall be required to complete and submit the Prequalification Package. Subcontractors that are not listed herein are not required to be prequalified for this Program.

The GWA has implemented online project bidding using the Quest Construction Data Network (CDN). For this program, the GWA will only accept electronic submissions through Quest CDN. Contractors may register with QuestCDN online (www.questcdn.com). Contact QuestCDN.com at 952-233-1632 or info@questcdn.com for assistance in membership registration, downloading information and vBid Online Bid Submittal.

The prequalification package may be viewed and downloaded, beginning June 12, 2019. This prequalification package is Quest Project No. [6391565](#). A contractor may view the documents at no cost on the QuestCDN website prior to deciding to become a Plan Holder. To be considered a Plan Holder for submitting documents, a contractor must register on QuestCDN.com and purchase the contract documents, at a cost of \$25.00. Registering as a Plan Holder is recommended for all

contractors. Plan Holders will receive addendums and other contract document updates via QuestCDN. A link to the prequalification package on Quest CDN Online will also be available at www.greatwateralliance.com.

Applications for bidder prequalification, consisting of the prequalification package, shall be submitted online at www.questcdn.com no later than July 31, 2019 at 12:00 PM, local prevailing time. This is the deadline for submittals. Any application received after the stated deadline will not be considered. The time of receipt will be determined by the time clock stamp all files are uploaded to the Quest CDN website.

GWA will use the completed Prequalification Submittal Package as the basis of determining a contractor's eligibility to submit a bid proposal for the Great Lakes Water Supply Program. The purpose of this prequalification is not to "short-list" contractors but to determine if the Contractor meets the minimum requirements specified. A committee will review and analyze the information submitted and make a recommendation on the selection as to contractor's quality, fitness, capacity and experience to satisfactorily perform the proposed work. GWA reserves the right to make all final determinations as to final selections of prospective contractors for the proposed program. GWA reserves the right to accept or reject any or all applications submitted.

CONTACT PERSON/ADDRESS

Contractors having any questions or Requests for Information regarding the Prequalification Submittal Package or process may direct them, in writing, to James Cobb, with a copy to Kelly Zylstra, as listed below by no later than July 17, 2019 at 12:00 PM.

James Cobb, CCM
CobbJR@bv.com

cc: Kelly Zylstra, P.E.
KZylstra@waukesha-water.com

Jeff Champion, CCM
ChampionJA@bv.com

Black & Veatch
225 E. Mason Street, Suite 801
Milwaukee, WI, 53202

PREQUALIFICATION MEETING

A meeting to discuss the Great Lakes Water Supply Program and the prequalification package will be conducted for interested contractors on June 25, 2019 and will begin at 10:00 AM. The meeting will be held at the Citizens Bank, 2109 Corporate Drive, Waukesha, Wisconsin 53189.

PREQUALIFICATION SUBMITTAL PACKAGE

The prequalification packages shall be submitted by the date and time stated herein to the Quest CDN website. The information contained in the submitted documents is confidential, privileged and only for the information of the intended recipient and will not be used, published or redistributed without the prior written consent of the applicant.

BACKGROUND

WWU provides water treatment and distribution services to the City of Waukesha (Waukesha) and isolated portions of the Town of Waukesha. WWU owns and operates a system of wells that pump groundwater from the St. Peter Sandstone aquifer for treatment and then to WWU's distribution system. The St. Peter Sandstone aquifer, which has been the primary source of drinking water for not only Waukesha, but for communities throughout the Midwest, is being depleted in Southeast Wisconsin. This is due in large part to a natural layer of shale rock that restricts groundwater recharge. Depletion of the St. Peter Sandstone aquifer has also caused increases in the concentrations of radium and other contaminants. As a result, Waukesha needs a long-term, sustainable alternative to its existing water supply to protect public health.

The purpose of the Great Lakes Water Supply Program is to provide a new primary water supply to Waukesha by connecting Waukesha to the Milwaukee Water Works supply system. The Department of Justice has placed restrictions on the Program which state, that the Program must certify to Department of Justice that all project construction is under contract and is 50% complete by May 1, 2022. In addition, certification that the Program has completed compliance with all federal and state drinking water Radionuclide Standards shall be provided by September 1, 2023

SUMMARY OF PROJECT

The proposed Great Lakes Water Supply Program includes six contract packages. The various contract package locations and routes are shown in Figure 1: Contract Package Location and Route Map.

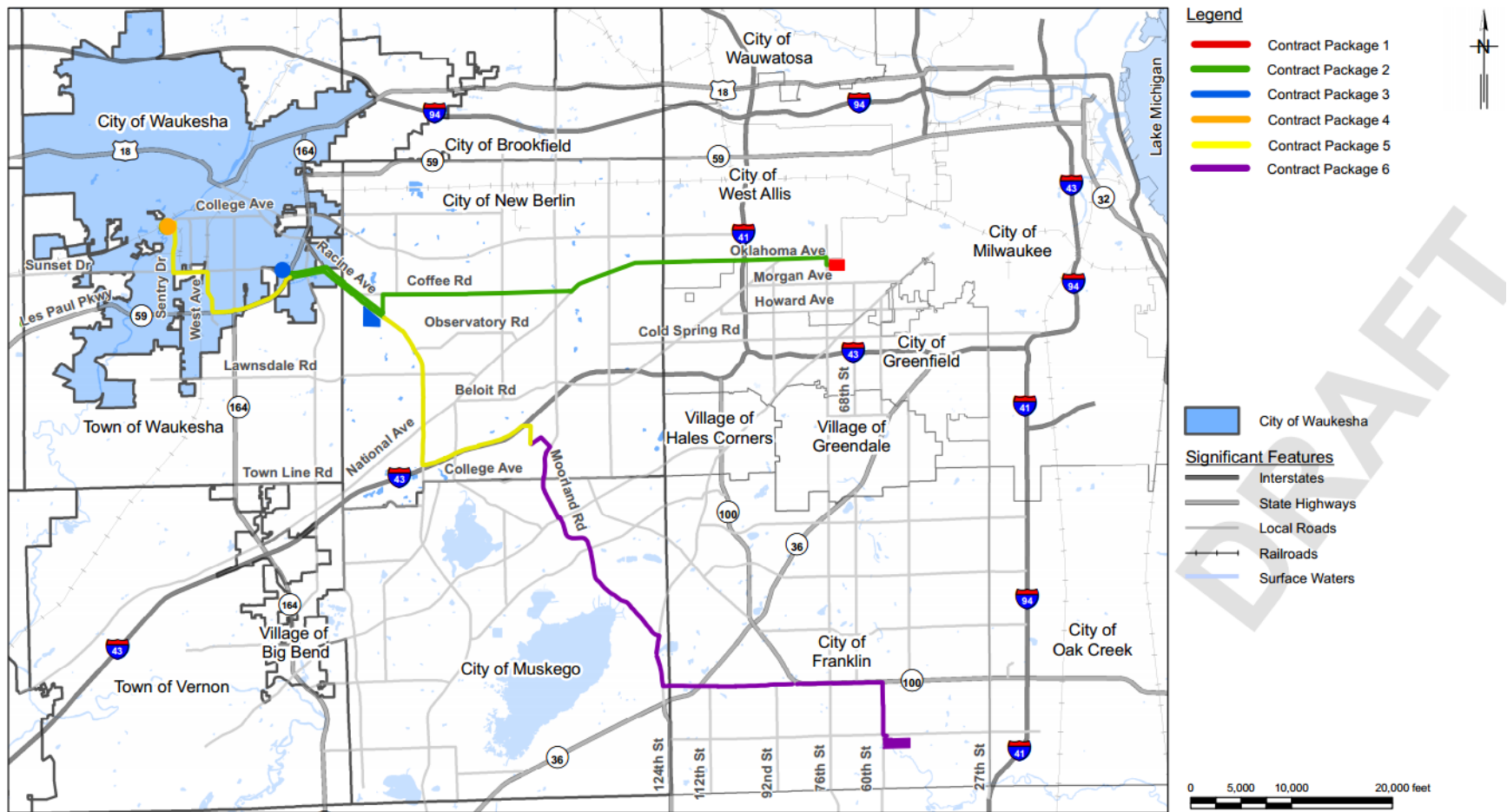


Figure 1: Contract Package Location and Route Map

The general description of each Contract Package is as follows.

Contract Package 1 – Not included in this Prequalification requirement

- An 18.1 MGD Water Supply Pumping Station (referred to as the “Oklahoma Pumping Station”) will provide the head necessary to convey water to Waukesha through the Water Supply Pipeline. The Oklahoma Pumping Station will be located at the southeast quadrant of West Oklahoma Avenue and South 76th Street in the City of Milwaukee. The Oklahoma Pumping Station will be owned and operated by Milwaukee Water Works.

Contract Package 2

- Approximately 800 linear feet of new 24-inch ductile iron pipe transmission main (referred to as the “WSPS Suction Pipeline”) from the Oklahoma Pumping Station located to the connection to the MWW distribution system located near the intersection of South 74th Street and West Oklahoma Avenue in the City of Milwaukee.
- Approximately 8.9 miles of new 30-inch ductile iron pipe transmission main (referred to as the “Water Supply Pipeline”) from the Oklahoma Pumping Station to the Booster Pumping Station (referred to as the “BPS”) located at the southwest quadrant of South Racine Avenue (CTH Y) and South Swartz Road in the City of New Berlin.
- Approximately 2.1 miles of new 36-inch ductile iron pipe transmission main (referred to as the “BPS Discharge Pipeline”) from the BPS to the Water Supply Control Building located at the northwest quadrant of Les Paul Parkway and West Sunset Drive in the City of Waukesha.
- Approximately 2.1 miles of new 30-inch ductile iron pipe force main (referred to as the “Return Flow Pipeline”) from the southeast quadrant of Les Paul Parkway and Sunset Drive in the City of Waukesha to the southeast quadrant of South Racine Avenue (CTH Y) and South Swartz Road in the City of New Berlin.

Contract Package 3

- A new Booster Pumping Station at the intersection of South Racine Avenue (CTH Y) and South Swartz Road in the City of New Berlin that includes four vertical turbine pumps, piping, valves, sampling and chemical feed equipment, and associated structural, architectural, mechanical, electrical and instrumentation and control work.
- Two new 8.0 million gallons prestressed concrete reservoirs with associated appurtenances, located at the site of the BPS.
- A new Water Supply Control Building at the intersection of East Sunset Avenue and Les Paul Parkway in the City of Waukesha, including piping and valves and all associated structural, architectural, mechanical, electrical and instrumentation and control work.
- Both sites include civil and electrical site work, yard piping, and other improvements.

Contract Package 4 – Not included in this Prequalification requirement

- A Return Flow Pumping Station (referred to as the “RFPS”) located at the City of Waukesha Clean Water Plant (CWP) on South Sentry Drive to convey highly treated effluent to the outfall at the Root River.

Contract Package 5

- Approximately 4.25 miles of new 30-inch ductile iron pipe Return Flow Pipeline from the City of Waukesha’s CWP located on Sentry Drive in the City of Waukesha to a connection to Contract Package 2 located at the intersection of Les Paul Parkway and East Sunset Drive in the City of Waukesha.
- Approximately 5.75 miles of new 30-inch ductile iron pipe Return Flow Pipeline from a connection to Contract Package 2 located near the intersection of South Swartz Road and South Racine Avenue (CTH Y) in the City of New Berlin to the connection to Contract Package 6 located west of the intersection of South Westridge Drive and West Small Road in the City of New Berlin.

Contract Package 6

- Approximately 11.27 miles of new 30-inch ductile iron pipe Return Flow Pipeline from the contract package connection with Contract Package 5 located west of the intersection on West Small Road and South Westridge Drive in the City of New Berlin to the new Outfall Facilities at the Root River located at the southeast quadrant of the intersection of South 60th Street and West Oakwood Road in the City of Franklin.
- Approximately 3,900 linear feet of new 18-inch polyvinyl chloride (PVC) sanitary sewer (referred to as the “18-Inch Sanitary Sewer”) from an existing manhole connection point located on 60th Street, just south of Ryan Road, in the City of Franklin to a connection to an existing manhole at the existing 60th Street Industrial Park Lift Station, approximately 3,900 feet south of Ryan Road.
- The Outfall Facilities at the Root River are located at the southeast quadrant of the intersection of South 60th Street and West Oakwood Road in the City of Franklin. The work includes a Reaeration Structure and all associated structural, architectural, mechanical, electrical, and instrumentation and control work.
- Work at the Outfall site includes civil and electrical site work, approximately 1,000 feet of 30-inch ductile iron pipe, and a cast-in-place outfall structure at the Root River.

Other elements associated with one or more of the contract packages will include:

- Bore casing installation
- Waterway crossings
- Potholing
- Traffic Control
- Possible rock excavation

- Air valve and blow-off installations
- Pipeline flushing, hydro-static testing and disinfection
- Connection(s) to existing water system
- Cathodic test stations

Appendix A includes select drawings from each contract package to help illustrate the nature of the work for each contract package.

The Great Lakes Water Supply Program Contract Package estimated construction values and specifics based on 90% design packages are included in the table below. The costs have been developed to a Class 1 Opinion of Probable Construction Costs in accordance with the American Association of Cost Engineer's (AACE's) Recommended Practice No. 18R-97.

Contract Package Number	Approximate Contract Value (Millions)	Type of Work	Pumping Station Capacity (MGD)	Pipeline Size (inches)	Pipeline Length (feet)
2	\$49.9 – \$63.8	Pipeline	-	24, 30, 36	72,000
3	\$36.6 – \$46.8	Pumping Station, reservoirs	15.8	-	-
5	\$28.2 - \$39.9	Pipeline	-	30	53,000
6	\$42.1 – \$64.6	Pipeline, sewer, outfall	-	18, 30	63,000

PROJECT FUNDING AND FUNDING REQUIREMENTS FOR CONSTRUCTION

All contracts awarded under the Great Lakes Water Supply Program are expected to be funded by the Environmental Protection Agency (EPA) Water Infrastructure Finance and Innovation Act (WIFIA) program and the Wisconsin Department of Natural Resources (WDNR) Safe Drinking Water Loan (SDWL) and Clean Water Loan (CWL) Program. All federal regulations, policies, guidelines and requirements as they relate to the acceptance of federal funds for this program shall be complied by Bidders. Neither the EPA or State of Wisconsin nor any of its departments, agencies, or employees is or will be a party to this process or any resulting contract.

All federal regulations, policies, guidelines and requirements as they relate to the acceptance of federal funds for this program shall be complied to by Bidders. Accordingly, the Davis-Bacon Act, Disadvantaged Business Enterprise (DBE) regulations, American Iron and Steel Act (AIS) and related regulations will apply.

The Safe Drinking Water Loan projects, Contract Packages 2 and 3, have been designated federal equivalency projects. Projects that are designated as federally equivalent have additional requirements that include, but are not limited to, the following items:

- Enhancing public awareness of state revolving fund assistance agreements – also referred to as a Signage requirement. This requirement can be met through the following methods:
 - Standard signage; Posters or wall signage in a public building or location;
 - Newspaper or periodical advertisement for project construction, groundbreaking ceremony or operation of the new or improved facility;
 - Online signage placed on community website or social media outlet; or

- Press release.
- Federal Single Audit Act, 2 CFR 200 Subpart F.
- NEPA-like Environmental Review (National Environmental Policy Act). The State Environmental Review Process (SERP) includes numerous federal crosscutting regulations and is applied to all projects receiving funding.
- Equal Employment Opportunity, Executive Order 11246.
- Promoting the Use of Small, Minority, and Women-owned Businesses, Executive Orders 11625, 12138, and 12432.
- Debarment and Suspension, Executive Order 12549.
- Demonstration Cities and Metropolitan Development Act, P.L. 89-754, as amended.
- Uniform Relocation Assistance and Real Property Acquisition Policies Act, P.L. 91-646, as amended.
- Completion and submittal of Form 8700-201, Federal Equivalency Projects Assurances and Certification.

BASIS FOR PREQUALIFICATION EVALUATION

The evaluation score card and instructions, for each category for prequalification is included in Appendix C.

END OF REQUEST FOR STATEMENT OF PREQUALIFICATIONS

