Riverside Park WRF Next Level of Treatment Project Spokane, Washington

Client City of Spokane

Project Construction Value \$126 Million

Project Duration October 2015 – December 2019

Delivery Method General Contractor/Construction Management (GC/CM)

Project Overview

The Riverside Park Water Reclamation Facility (WRF) will have one of the largest and most effective phosphate removal systems of its kind built in the U.S. The upgrade will increase the removal of phosphorus from the effluent to more than 99%. The current system removes 90% of phosphorus, which has been associated with low oxygen levels and algae blooms.

The new filtration system will bring the effluent in compliance with Washington State Department of Ecology standards, allowing the water to be safely reused for irrigation, industrial processes, dust control, wetland enhancements and recharging groundwater supplies.

Construction of the new system will be completed in two overlapping phases with early evaluation to ensure constructability of the new system's proposed design. The Riverside Park WRF will remain fully operational during construction.



Why GC/CM

The City desires to retain the GC/CM as a partner early in the project cycle to refine and confirm overall project goals, including the final budget, detailed project scope, phasing, scope of self-performed work, building goals and the delivery schedule. The City expects that the GC/CM procurement and project delivery method will provide a fiscal benefit through greater cost certainty associated with the GMP; reduced claim risks; reduced change orders; and opportunities to optimize scope, delivery and overall schedule.

Prevailing Wages

This Contract and this Project are subject to RCW 39.I 2, Washington's Prevailing Wage Act. If federal funds are received, it will also be subject to Subchapter IV of chapter 31 of title 40, United States Code, the Davis-Bacon Act. Applicable workers must be paid the State prevailing wage rate, and are entitled to coverage under the Washington State prevailing wage and labor standards laws. Analysis must be done on a trade classification basis for each worker to ensure that proper wages are paid. If federal funds are received, the Contractor shall also comply with Subchapter IV of Chapter 31 of Title 40, United States Code (the Davis-Bacon Act). In the event of any conflict between the wage rates set forth in the Davis-Bacon Act wage determination of the U.S. Secretary of Labor and the prevailing rate of wage as determined by the Industrial Statistician of the Washington State Department of Labor and Industries, the Contractor and its Subcontractors of any tier shall pay the highest applicable wage rate.

Public Works Apprenticeship Requirements

In accordance with Spokane Municipal Code (SMC) 07.06, the Public Works Apprentice Program, on public works construction projects, as defined in RCW 39.04.010 with an estimated cost of \$350,000 or more, at least 5% in 2015, 10% in 2016 and 15% in years 2017 and beyond, of the total contract labor project (all contractor and subcontractor hours) shall be performed by apprentices enrolled in a state-approved apprentice program.



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Phase 1 (Pre-Next Level of Treatment)

- Work generally includes: New primary clarifier, primary solids pump station, and chemical storage building. Also included are modifications to existing gravity thickener, primary solids pump station, secondary clarifier No. 6, polymer mixing and feed system, process piping and process building.
- Final design is expected in mid-September 2016.
- Early-out construction packages to begin in the fall of 2016 with the balance of the work to commence in winter 2017.
- Construction completion December 2018.

Phase 2 (Next Level of Treatment)

- Work generally includes: New 50 MGD tertiary membrane filter system and associated components. Also included are new flow splitter structure, drum screen facilities, rapid mix structure, and flocculation structure.
- Membrane selection is expected in mid-2016.
- Design is expected to run from fall 2016 through fall 2017.
- Early out construction packages to begin in fall 2017 with the balance of the work to commence in winter 2018.
- Construction completion in December 2019.

Getting Prequalified to Bid

The MWH Constructors, Inc. & Slayden Constructors, Inc. Joint Venture is currently finalizing a subcontractor procurement plan that may include the following disciplines:

- Demolition
- Excavation
- Yard piping
- Structural (cast-in-place concrete)
- Process mechanical (piping, equipment, etc.)
- Architectural (building)
- Electrical and instrumentation
- HVAC
- Painting and coatings
- Site work and paving
- Landscaping

To become prequalified to bid, visit www. mwhconstructors.com and click on the Subcontractors & Suppliers link on the top right side of the screen.

Questions regarding prequalification should be directed to: Scott Sheehan Procurement Manager, MWH Constructors Office: (303) 439-2892 Cell: (720) 480-2267 Email: scott.sheehan@mwhglobal.com



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