

## **City of Everett – Application for Project Approval – Summary**

State of Washington

Capital Projects Advisory Review Board (CPARB)

Project Review Committee (PRC)

### **Project Description**

The City of Everett (City) owns and operates the City of Everett Water Pollution Control Facility (WPCF). The WPCF provides wastewater treatment for residential, commercial, and industrial customers within the City, and purveyors (water/sewer districts) located to the south of the City. In addition, the City may enter into an agreement with the City of Snohomish to treat wastewater currently treated at the Snohomish wastewater treatment plant. The City plans to make improvements to the WPCF in order to allow the plant to continue to comply with the NPDES Permit requirements.

During construction of the expansion, the facility will continue to be in full operation, receiving and treating wastewater to meet stringent discharge requirements. The contractors working on this project will be required to work with the City's operations staff to ensure facility operations are maintained and workers are kept safe from the hazards of construction and operation of the facility.

The current expansion ("WPCF Phase C Expansion") follows numerous other improvement projects at the facility. The most recent improvement was the Phase A Expansion which began construction in 2005 and was successfully completed in 2007. This \$34.6 million project was developed using the GC/CM approach in accordance with RCW 39.10. The City was very satisfied with the outcome of the project in terms of both cost and quality of construction.

The major project improvements include additional capacity for the liquid stream, the provision of solids thickening and solids stabilization. These are shown in Attachment F. The liquid stream improvements include the addition of Trickling Filter No. 3, the enlargement of the existing Solids Contact Basins, the addition of Secondary Clarifier No. 3 and the addition of one Effluent Discharge Pump in the existing South Effluent Pump Station. Solids thickening will be provided by rotating drum thickeners (RDTs). Three units will be provided and will be located in a new building to the east of existing Secondary Clarifier No. 2. Improvements for solids stabilization include the construction of Anaerobic Digester Nos. 1 and 2 along with the Digester Control Building. This solids stabilization facility will be located to the south of the Trickling Filters.

### **Appropriateness of GC/CM for this Project**

Between January and March 2010, the City of Everett and R. W. Beck evaluated various contracting approaches for design and construction services for the WPCF Phase C Expansion, including Design-Bid-Build ("DBB"), GC/CM, and Design-Build ("DB"). The methodology for evaluating the various contracting approaches incorporated the City's experiences with the GC/CM contracting method from the WPCF Phase A Expansion.

Key factors in the preference for GC/CM on the Phase C Expansion were the ability to obtain early contractor involvement that is not found in the DBB approach, and the ability for ongoing operations involvement that is not found in the DB approach. The GC/CM method also has features that would improve the constructability and operability of the facility.

This project requires GC/CM participation during the design phase in order to minimize construction related operating problems. Wastewater will need to be diverted prior to shutting down parts of the treatment process. This will require the contractor to develop an understanding of the facility's systems.

During construction, the GC/CM and subcontractor will need to work collaboratively with plant operation staff to plan and schedule work so as not to disrupt continuous smooth operation of the facility.

### Schedule

The proposed GC/CM procurement schedule is shown below. The proposed plan is to have the General Contractor/Construction Manager actively working on the project by October 2011, at which time the facility design will be approximately 30 percent complete.

<b>Date</b>	<b>Description</b>
July 2010	Submit Application for Project Approval to PRC
July 2010	Public PRC Meeting
August 2010	Receive Project Approval from PRC
June 2011	First publication of RFP in Seattle Daily Journal of Commerce
June 2011	Second publication of RFP in Seattle Daily Journal of Commerce
July 2011	Project Informational Meeting
July 2011	Proposal submittal deadline from interested GC/CM firms
July 2011	Selection Committee meets to evaluate and score proposals, and select most qualified firms. References contacted.
August 2011	Distribution of Request for Final Proposal (RFFP) to most qualified firms
August 2011	Final Proposal submittal deadline
August 2011	Interviews conducted with most qualified firms; selection of firm with highest total score
August 2011	Notification of successful and unsuccessful firms
September 2011	Preconstruction Work Plan due
September 2011	Submit recommendation for award of GC/CM contract for Preconstruction Services
September 2011	Everett City Council approves contract
October 2011	Issue notice to proceed to GC/CM, Agreement for Preconstruction Services executed
December 2012	Negotiate MACC