

## MOTION

The Hyperion Water Reclamation Plant (HWRP) is the largest of the City's four water reclamation plants operated by the Bureau of Sanitation (LASAN). HWRP receives and treats an average flow of 250 million gallons per day (MGD) through the secondary treatment process. Forty (40) MGD of secondary effluent is conveyed for additional treatment at the West Basin Municipal Water District Edward C. Little Plant in El Segundo before distribution to customers. The remaining 210 MGD of secondary treated effluent is discharged into Santa Monica Bay through the Five Mile Outfall.

On October 14, 2014, Mayor Eric Garcetti issued Executive Directive No. 5 requiring actions that include a 50% reduction in the Los Angeles Department of Water and Power's (LADWP) purchase of imported potable water by 2025 and the creation of an integrated water strategy that increases local water supplies and improves water security in the context of climate change and seismic vulnerability.

As part of the City's long-term water management objectives of "fully" reusing water from the HWRP, LASAN will lead the development of an Advanced Water Purification Facility Project (AWPF) that will supply recycled water for use in facilities located at the Los Angeles World Airport (LAWA), replace potable water use in process equipment at HWRP, and supply recycled water for other nearby uses through the use of membrane bioreactors (MBR), reverse osmosis, and ultraviolet advanced oxidation processes. This project will result in the implementation of 1.5 MGD of advanced treated water capacity, expandable to 5.0 MGD by December 2019.

This will be the first time the MBR process technology will be utilized in the City. In recognition of its new introduction to the City's reclamation plants, LASAN is pursuing a turnkey project development model known as Progressive Design-Build (PDB) where much of the performance risk is shifted to the project developer who has the expertise and track record with such projects. The project development scope includes a 3-year operation period to ensure that any potential short term corrections to the project are addressed by the project developer before turning over the project to LASAN.

PDB is the preferred project delivery method when an owner is seeking to minimize time and cost, and improve outcomes through direct involvement in the design process. PDB is a two-phase delivery method in which the design, cost-estimating, and final pricing of the project progresses during the first phase. If the City and the developer reach agreement on the final pricing and schedule, the final design, construction, and commissioning are completed in the second phase.

Subsection (b) of Section 371 of the City Charter permits the letting of contracts pursuant to a competitive sealed proposal method, in accordance with criteria established by ordinance adopted by at least two-thirds of the City Council. This process also allows for the use of design-build or other appropriate project delivery systems when justified by the type of project and approved by the contracting authority.

In an effort to control costs, manage City-risk, and assure timely delivery of a high quality product to LADWP and LAWA, LASAN proposes to use the PDB project delivery method in-lieu of the conventional design-bid-build project delivery method for the Hyperion Water Reclamation Plant Advanced Water Purification Facility Project.

Time is of the essence and it is in the best interest of the City to expedite implementation of the Hyperion Water Reclamation Plant Advanced Water Purification Facility Project in order to reduce potable water consumption at LASAN, LADWP and LAWA facilities.

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On February 22, 2017, the Board of Public Works approved the release of a Request for Qualifications (RFQ) with the PDB delivery method outlined as the proposed approach.

Additionally, subsection (a) of Section 371 of the City Charter permits bid preferences in the letting of contracts for California or Los Angeles County firms. This project appears suitable for California or Los Angeles County small business enterprises to participate in this project and the proposal evaluation criteria should account for such participation.

I THEREFORE MOVE that the City Council request the City Attorney to prepare and present an ordinance allowing the Board of Public Works to let Progressive-Design-Build (PDB) contracts for the delivery of the Hyperion Water Reclamation Plant Advanced Water Purification Facility Project, pursuant to a competitive, sealed-proposal method and that evaluation criteria in the proposal shall include a local, small business enterprise bid preference.

Presented by:   
NURY MARTINEZ  
Councilwoman, 6<sup>th</sup> District

Seconded by:   
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