

**City of Elmhurst, IL**  
**Water Reclamation Facility Improvements Raw Screw Pumps and Belt Filter Presses**  
**Replacement**

February 5, 2019/10:00 AM

Project Engineer: Chris Buckley – Phone Number: 815-444-3273  
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Engineer's Estimate: Will not be provided

**Pre-bid Conference Info**

A **mandatory** Pre-Bid Conference of all prospective Bidders and/or their representatives will be held at Village of Elmhurst Public Works on January 8th, 2019 at 9:00 a.m. Bidders are required to attend and participate in the conference.

**Description of Work**

Raw Sewage Pumps (Preliminary Treatment Building (Building 3):

The proposed work includes, but is not limited to, removing one (1) enclosed raw sewage screw pump and installation of three (3) new enclosed raw sewage screw pumps with associated concrete supports, misc. equipment, electrical and control wiring, conduits and appurtenances; providing temporary bypass pumping of raw wastewater around the raw sewage pumps, replacement of influent and bar screen slide gates and electric actuators; installation of new underground power feeders from the Electrical Building (Building 0), replacement of the Building No. 3 MCC and associated electrical wiring and conduit work; installation of new monitoring cameras; control system modifications; site work, drain piping, handrails, lights, painting, concrete rehabilitation and other miscellaneous items of work.

Belt Filter Presses (Sludge Processing Building (Building 2):

The proposed construction consists of the removal of three (3) belt filter presses and the installation of two (2) new belt filter presses and associated washwater pumps, concrete supports, access wall panels, piping, valves, HVAC, electrical, controls and other ancillary items of work; removal of the existing sludge belt conveyor and installation of the new shaftless sludge screw conveyor; expansion of the existing Belt Filter Press Control Room; demolition of the existing Building No. 2 MCC and installation of new MCCs which includes installation of new underground power feeder cables from the Electrical Building (Building 0) and the disconnect of the existing power feeders to Digested Sludge Pump Station (Building 16) and Digester 3 Control Building (Building 14); installation of new power feeders for Digested Sludge Pump Station (Building 16) and Digester 3 Control Building (Building 14) from the Electrical Building (Building 0); replacement of interior lighting with

LED lighting; installation of new monitoring cameras, painting and other miscellaneous items of work.

Digested Sludge Pump Station (Building 16):

The proposed construction consists of the replacement of three (3) digested sludge pumps and associated piping, valves, electrical, controls other ancillary items of work; installation of new sludge holding tank mixers, access hatches, level sensors, tank exhaust fans, electrical and controls, replacement of the building MCCs, replacement of interior lighting with LED lighting; replacement of various building HVAC equipment, painting and other miscellaneous items of work.

Waste Activated Sludge (WAS) Building (Building 8):

The proposed construction consists of the replacement of two (2) WAS pumps and associated electrical, controls, piping, and other ancillary items of work; replacement of interior lighting with LED lighting; demolition of the existing MCC and installation of new power distribution panel; and other miscellaneous items of work.

**Information for Bidders:**

Copies of the Bidding Documents may be obtained from BHFx Digital Imaging, [www.bhfxplanroom.com](http://www.bhfxplanroom.com), upon a non-refundable payment of \$175.00 per set. Documents can only be purchased through BHFx Digital Imaging.

<https://www.bhfxplanroom.com/jobs/public>