



Legislation Text

File #: 12-1635, **Version:** 1

Resolution to Ratify City Administrator Approval of Emergency Purchase Order with Hydro Dynamics, Inc. for Repair of Secondary Effluent Pump (\$24,687.23)

This resolution seeks ratification of the City Administrator's approval of an emergency purchase order, by authority granted under Section 1:317 of Ann Arbor City Code, with Hydro Dynamics, Inc. (Hydro Dynamics) in the amount of \$24,687.23 for repair of a Secondary Effluent Pump at the Wastewater Treatment Plant (WWTP).

Several months ago, one of the six secondary effluent pumps used at the WWTP failed catastrophically. Due to the nature of the failure and the criticality of the equipment, the WWTP hired Hubbell, Roth & Clark, Inc. (HRC) to perform an engineering study to assess the failed pump and the condition of the remaining five pumps. The results of this study indicated the conditions of all six pumps were generally similar and their replacement was recommended. On April 15, 2013, City Council approved a contract with HRC to design the replacement of the six secondary effluent pumps.

Before Council could approve HRC's contract, another secondary effluent pump failed in a similar yet not as catastrophic fashion. Plant staff contacted four pump repair facilities seeking quotes for the removal of the pump, evaluation of the pump's condition and an estimation of the cost to repair the pump. Hydro Dynamics provided the lowest quote in the amount of \$6,000.00 and was hired to render these services.

After their investigation, Hydro Dynamics specified that they are able to perform a temporary repair on the pump in about two to four weeks, for \$24,687.23. The company believes the temporary repair would satisfy the plant's intermittent need until new pumps are installed. There is an urgent need to reclaim this lost pumping capacity. With two of the six pumps out of service, the plant risks sending partially treated sewage to the Huron River or flooding the treatment plant.

WWTP staff reviewed Hydro Dynamics' proposal, recommended acceptance of the proposal and requested authorization of an emergency purchase order by the City Administrator. A copy of the request is attached. Public Services Area and WWTP staffs determined Hydro Dynamics is the best source to perform this repair.

The City Administrator authorized issuance of an emergency purchase order on April 10, 2013, and Hydro Dynamics is repairing the pump.

Funds to finance this purchase are included in the approved FY13 WWTP Operation and Maintenance Budget of the Sewage Disposal System. Hydro Dynamics received Human Rights approval on April 4, 2013 and complies with the City's Living Wage requirements. WWTP staff request that Council approve a \$2,000.00 contingency for unanticipated expenses associated with the pump reinstallation.

Since the Administrator's authorization and despite the low probability, a third effluent pump has failed. Plant staff is investigating the cause for the two recent pump failures to occur in relatively rapid succession. Additionally, HRC has been requested to hasten its design to allow for the preordering of replacement pumps that typically require up to 26 weeks to be delivered.

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Reviewed by: Earl J. Kenzie, P.E., Manager, WWT Services
Craig Hupy, Public Services Area Administrator

Approved by: Steven D. Powers, City Administrator

Whereas, Public Services Area requested approval of a purchase order by the City Administrator under the emergency purchasing authority granted under Section 1:317 of Ann Arbor City Code;

Whereas, A second of six Secondary Effluent Pumps has failed and the Wastewater Treatment Plant risks sending partially treated sewage to the Huron River or flooding the plant;

Whereas, Hydro Dynamics, Inc. submitted the lowest quote for the removal, inspection and estimation of probable cost to repair the pump;

Whereas, There is an urgent need to reclaim this lost pumping capacity;

Whereas, Hydro Dynamics, Inc. proposed to repair the pump in two to four weeks for \$24,687.23;

Whereas, Hydro Dynamics, Inc. received Human Rights approval on April 4, 2013, and complies with the City's living wage requirements; and

Whereas, Funds for this purchase are available in the FY13 WWTP Operation and Maintenance Budget of the Sewage Disposal System;

RESOLVED, That the City Administrator's approval of an emergency purchase order with Hydro Dynamics, Inc., in the amount of \$24,687.23, for the repair of a Secondary Effluent Pump be ratified and the purchase order authorized;

RESOLVED, That a contingency in the amount of \$2,000.00 for unanticipated expenses associated with pump reinstallation be approved; and

RESOLVED, That the City Administrator or designee be authorized to take the necessary administrative actions to implement this resolution.