



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Details (With Text)

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Title: Issue purchase order to Trojan Technologies, Inc. to Furnish and Deliver Fourteen Pentair Heat Exchangers at the O'Brien Water Reclamation Plant, in an amount not to exceed \$44,841.36, Account 101-67000-623070, Requisition 1488348

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Attachments:

Date	Ver.	Action By	Action	Result
3/1/2018	1	Board of Commissioners	Approved	Pass
3/1/2018	1	Committee of the Whole	Recommended	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF MARCH 1, 2018

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue purchase order to Trojan Technologies, Inc. to Furnish and Deliver Fourteen Pentair Heat Exchangers at the O'Brien Water Reclamation Plant, in an amount not to exceed \$44,841.36, Account 101-67000-623070, Requisition 1488348

Dear Sir:

Authorization is requested to issue a purchase order to Trojan Technologies, Inc. to Furnish and Deliver Fourteen Pentair Heat Exchangers at the O'Brien Water Reclamation Plant (OWRP). All of the heat exchangers will be delivered by December 31, 2018.

Trojan Technologies, Inc., the sole source distributor of the ultraviolet disinfection system components, has submitted a price to furnish and deliver fourteen Pentair heat exchangers in the Ultraviolet (UV) Power Distribution Centers in the electrical room of the UV Building at the OWRP.

The UV Power Distribution Centers (PDCs) are currently cooled with Kooltronic air conditioning units. The Kooltronic air conditioners produce a large heat load into the UV Building electrical room. During hot days in the summer, the existing cooling system in the electrical room cannot effectively cool the room. The PDCs' Kooltronic air conditioners intake the hot air from the electrical room and cannot properly cool the PDC heat load. This causes the motor control centers to shut down due to high temperature, shutting down the associated UV banks and compromising disinfection capacity. To remedy the situation, Trojan Technologies, Inc. has proposed to replace fourteen existing Kooltronic air conditioning units with Pentair water cooled heat exchangers. The water cooled heat exchangers will not produce any heat load into the electrical room and will adequately cool the PDCs with no correlation to the temperature of the electrical room. This will provide continuous disinfection capacity during hot summer days. Trojan Technologies, Inc. will install the new Pentair

heat exchangers under the warranty agreement for the original UV equipment.

Inasmuch as Trojan Technologies, Inc. is the only source of supply for the ultraviolet disinfection system component, the Pentair heat exchanger, said purchase order may be issued without competitive bidding pursuant to Section 11.4 of the Purchasing Act.

Trojan Technologies, Inc. is registered and in good standing with the State of Illinois.

The Multi-Project Labor Agreement is not applicable to this contract because it is primarily a furnish and deliver contract.

In view of the foregoing, it is requested that the Director of Procurement and Materials Management be authorized to issue said purchase order to Trojan Technologies, Inc. in an amount not to exceed \$44,841.36.

Funds are available in Account 101-67000-623070.

Requested, Catherine A. O'Connor, Director of Engineering, ECB

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for March 1, 2018