



**Date:** May 24, 2016

**To:** THE TRUSTEES

**From:** THE PRESIDENT and CHIEF EXECUTIVE OFFICER

**Subject:** **Procurement (Services) Contract –  
St. Lawrence/FDR Power Project – Removal of  
Ice Sluice – Gates 4, 5 and 6 – Contract Award**

**SUMMARY**

The Trustees are requested to approve the award of a three-year contract in the amount of \$6,330,650, to BVR Construction Company, Inc., (“BVR”) of Churchville, NY for the removal of the ice sluice gates and replacement with concrete structures, at the St. Lawrence/FDR Power Project in Massena, NY.

An interim award in the amount of \$150,000 was approved by the President and Chief Executive Officer. Interim funding was requested to allow the Contractor to prepare the engineering design for the Cofferdam.

**BACKGROUND**

Section 2879 of the Public Authorities Law and the Authority’s Guidelines for Procurement Contracts require the Trustees’ approval for non-personal services in contracts in excess of \$3 million and contracts involving services to be rendered for a period in excess of one year.

The New York Power Authority (“Authority”) and Ontario Power Generation (“OPG”) own and operate the St. Lawrence/FDR Power Project / R. H. Saunders Generating Station, which includes the Moses-Saunders Power Dam (“Power Dam”) across the St. Lawrence River. The Power Dam has 32 power generating units and six ice sluice gates. Ice sluice gates 1 and 2 are located at the Canadian end of the dam, ice sluice gates 3 and 4 are located at the center of the dam, and ice sluice gates 5 and 6 are located at the United States end of the dam. The ice sluice gates were originally installed in 1958. However, these gates have never been used for the intended purpose of passing ice downstream, are currently inoperable, in the closed position, and serving as a structural component of the Power Dam.

A 2005 engineering inspection indicated that ice sluice drum gates 4, 5 and 6 have experienced extensive corrosion. Additionally, an ice study was performed in 2010 by Clarkson University, Dr. H.T. Shen, which concluded that these ice sluice gates are not needed for the operation for the power project. Also, since these gates were never needed for the purpose of passing ice downstream, complete replacement of the gates with a concrete structure was found to be more cost-effective and financially favorable than repairing the gates.

**DISCUSSION**

In response to the Authority’s Request for Proposal (Q15-6002HM) advertised in the New York State *Contract Reporter* on December 18, 2015, three (3) proposals were received on

February 23, 2016 to remove Ice Sluice Gates at the St. Lawrence/FDR Power Project, Massena NY.

<b>Bidder</b>	<b>Evaluated Price</b>
BVR Construction Company, Inc. Churchville, NY	\$6,330,650
Adirondack Mechanical Services, LLC. Wilton, NY	\$7,273,200
Hohl Industrial Services, Inc. Tonawanda, NY	\$8,415,000

The Authority's cost estimate for this project is \$6,900,000.

The proposals were reviewed by an Evaluation Committee consisting of staff from the St. Lawrence/FDR Power Project, Engineering, Procurement and Project Management.

BVR is the lowest priced, technically qualified bidder which has demonstrated an understanding of the RFP requirements for the work. There are no outstanding exceptions to the Authority's commercial terms and conditions for the work.

FISCAL INFORMATION

Payments associated with this project will be made from the Authority's Operating Fund.

RECOMMENDATION

The Senior Vice President and Chief Engineer – Operations Support Services, the Vice President – Project Management, the Vice President – Engineering, the Regional Manager – Northern NY, the Vice President – Procurement, and the Project Manager recommend that the Trustees approve the award of a three-year contract to BVR Construction Company, Inc. of Churchville, NY in the amount of \$6,330,650 for the removal ice sluice gates at the St. Lawrence/FDR Power Project.

For the reasons stated, I recommend the approval of the above-requested action by adoption of the resolution below.

Gil C. Quiniones  
President and Chief Executive Officer

**RESOLUTION**

RESOLVED, That pursuant to the Guidelines for Procurement Contracts adopted by the Authority and the Authority's Expenditure Authorization Procedures, a three-year contract award in the amount of \$6,330,650 is hereby authorized for the removal of the ice sluice gates and replacement with concrete structures, at the St. Lawrence/FDR Power Project in Massena, NY, as recommended in the foregoing memorandum of the President and Chief Executive Officer;

**Contractor**

BVR Construction  
Company, Inc.  
Churchville, NY  
**(Q15-6002HM)**

**Contract Approval**

\$6,330,650

AND BE IT FURTHER RESOLVED, That the Chairman, the Vice Chairman, the President and Chief Executive Officer, the Chief Operating Officer, all other officers of the Authority and the Vice President of Procurement are, and each of them hereby is, authorized on behalf of the Authority to do any and all things and take any and all actions and execute and deliver any and all agreements, certificates and other documents to effectuate the foregoing resolution, subject to the approval of the form thereof by the Executive Vice President and General Counsel.