

SUMMARY STATEMENT

ITEM NO.: PATCO-16-011

SUBJECT: Design Services for PATCO
Control Center Relocation

COMMITTEE:

Operations & Maintenance

COMMITTEE MEETING DATE:

May 3, 2016

BOARD ACTION DATE:

May 18, 2016

PROPOSAL: That the Board authorizes staff to negotiate an agreement with Gannett Fleming Transit and Rail Systems to provide engineering design services as well as bid and construction support for the construction of a new control center for the PATCO Speedline.

Amount: \$1,659,989.48

Consultant: Gannett Fleming Transit and Rail
Systems

Other Consultants: Parsons Transportation Group, Inc.
STV, Inc.

Engineers Estimate: \$2,030,000.00

PURPOSE: The purpose of this project is to relocate PATCO's control center, now located at Center Tower in Camden, to a new and more suitable location, retaining the existing Center Tower as an emergency, back-up control center.

BACKGROUND: The existing control center at Center Tower dates back to the construction of PATCO. The control center was built atop a traction-power substation for convenience, at the eastern end of the Bridge Line, PATCO's predecessor. This was the termination point for all existing communications infrastructure, much of which was to be reused by the PATCO system. With the modern communications now in place, there is no advantage to the current Center Tower location, where the control center is subject to the risks of being atop an electrical substation, is not readily accessible by the transit system it serves, and is remote from the base of PATCO's management and maintenance personnel.

The scope of work includes all engineering design services to select a location for the new control center and develop plans, specifications, cost estimates, and schedules with which the Authority may solicit bids

for construction. The consultant will provide professional services required to design a new, modern and fully functional control center.

The Authority publicly advertised its intent to retain a consultant and invited interested firms to submit statements of qualifications. Seven (7) firms responded with statements of qualifications on September 15, 2015. Four (4) firms were short-listed and were sent a formal Request for Proposal. Three (3) firms submitted technical proposals. A review committee of four (4) staff members from Engineering and PATCO evaluated the proposals on the basis of technical merit.

Gannett Fleming Transit and Rail Systems and their subconsultants were ranked highest on technical merit. The team presented several examples of similar type projects and experience, and their staff has great familiarity with the PATCO system and its operation. Overall, the team assembled by Gannett Fleming Transit and Rail Systems was found to possess the necessary experience and qualifications to successfully complete the project.

In accordance with the Delaware River Port Authority's qualification based selection procedure, the price proposal was evaluated against the engineer's estimate. Based on this evaluation, Gannett Fleming Transit and Rail Systems' price was determined to be fair and reasonable.

It is recommended that a professional services agreement be negotiated with Gannett Fleming Transit and Rail Systems for the costs and associated fees not to exceed \$1,659,989.48 to provide engineering services in accordance with the Request for Proposal.

SUMMARY:	Amount:	\$1,659,989.48
	Source of Funds:	2013 Revenue Bonds, General Fund, FTA
	Capital Project #:	PF1504
	Operating Budget:	N/A
	Master Plan Status:	N/A
	Other Fund Sources:	Federal Transit Administration (80%)
	Duration of Contract:	Design Services, 18 months; Bidding, approximately 3 months; and Construction Support, approximately 24 months
	Other Parties Involved:	N/A
	Estimated Number of Jobs Supported:	7

PATCO-16-011
Operations & Maintenance Committee: May 3, 2016
Board Date: May 18, 2016
Design Services for PATCO Control Center Relocation

RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of Gannett Fleming Transit and Rail Systems to provide Design Services for the PATCO Control Center Relocation and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with Gannett Fleming Transit and Rail Systems for an amount not to exceed \$1,659,989.48, as per the attached Summary Statement; and be it further

RESOLVED: The Chairman, Vice Chairman and the Chief Executive Officer must approve and are hereby authorized to approve and execute all necessary agreements, contracts, or other documents on behalf of the DRPA. If such agreements, contracts, or other documents have been approved by the Chairman, Vice Chairman and Chief Executive Officer and if thereafter either the Chairman or Vice Chairman is absent or unavailable, the remaining Officer may execute the said document(s) on behalf of DRPA along with the Chief Executive Officer. If both the Chairman and Vice Chairman are absent or unavailable, and if it is necessary to execute the said document(s) while they are absent or unavailable, then the Chief Executive Officer shall execute such documents on behalf of DRPA.

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MEMORANDUM

DELAWARE RIVER PORT AUTHORITY
of Pennsylvania & New Jersey

TO: O&M Committee Members

FROM: Michael P. Venuto, Director of Engineering/Chief Engineer, Engineering

SUBJECT: Professional Service Selection for
Design Services for PATCO Control Center Relocation
Technical Proposal Evaluation, Findings and Recommendation Report

DATE: April 26, 2016

The Request for Qualifications was posted on the Authority's website, inviting consultants to submit Statements of Qualifications (SOQs). Seven (7) firms submitted SOQs on September 15, 2015.

Policy 303b outlines the procedure for Request for Proposal selection of consultants utilizing the Brooks Method by the Engineering Department. The SOQ evaluation serves as a method for developing a "short list" of firms to receive a Request for Proposal (RFP). The review committee evaluated the SOQ's and recommended soliciting technical proposals from the top ranked firms:

Gannett Fleming, Inc.
Parsons Transportation Group, Inc.
STV, Inc.
SYSTRA Consulting, Inc.

The short listed firms were sent the RFP on November 20, 2015. Three (3) firms submitted technical proposals on January 19, 2016. The review committee, consisting of four (4) staff members - three (3) from engineering and one (1) from PATCO, reviewed and evaluated the technical proposals.

Gannett Fleming Transit and Rail Systems and their subconsultants were ranked highest on technical merit. The team presented several examples of similar type projects and experience, and their staff has great familiarity with the PATCO system and its operation. Overall, the team assembled by Gannett Fleming Transit and Rail Systems was found to possess the necessary experience and qualifications to successfully complete the project.

The review committee recommended that the price proposal be requested from Gannett Fleming Transit and Rail Systems to be evaluated using the engineer's estimate in the amount of \$2,030,000.00, as a guide. The price proposal was received on April 21, 2016.

Below are the proposed hours and total cost of the top-ranked firm, along with the engineer's estimate of hours and cost.

	Hours	Total Cost
Engineer's Estimate	14,504	\$2,030,000.00
Gannett Fleming Rail and Transit Systems	9,998	\$1,659,989.48

Engineering staff reviewed the price proposal from Gannett Fleming Transit and Rail Systems. The estimated man-hour total was 30% lower and the total cost 18% lower than the engineer's estimate. It was determined that Gannett Fleming Transit and Rail Systems' price proposal accurately reflects the level of effort due to the complexity of the project and the number of engineering disciplines required. Based on the review committee's findings, the price proposal of Gannett Fleming Transit and Rail Systems has been determined to be fair and reasonable. The committee recommends that an Engineering Services Agreement be issued to the highest technically ranked firm, Gannett Fleming Transit and Rail Systems.

Based on a review of the review committee's evaluation and supporting documentation, I concur with the recommendation to engage Gannett Fleming Transit and Rail Systems of Mount Laurel, NJ in the amount of \$1,659,989.48 for this Agreement.

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