

SUMMARY STATEMENT

ITEM NO.: DRPA-17-099

**SUBJECT: Contract No. G-31-2017,
Betsy Ross and Commodore Barry
Bridges Air-Blown Fiber Optic
Installations**

COMMITTEE:

Operations & Maintenance

COMMITTEE MEETING DATE:

November 28, 2017

BOARD ACTION DATE:

December 6, 2017

PROPOSAL:

That the Board authorizes staff to negotiate a construction contract with the firm of Carr & Duff, Inc. to perform the Betsy Ross and Commodore Barry Bridges Air-Blown Fiber Optic Installations.

Amount: \$3,790,000.00

**Contractor: Carr & Duff, Inc.
2100 Byberry Road
Huntingdon Valley, PA 19006**

**Other Bidders: Oliver Communications Group \$4,909,872.00
Vanalt Electrical Construction \$5,341,000.00**

Engineers Estimate: \$7,000,000.00

**MBE/WBE Goals: MBE: 8%
WBE: 4%**

Contractor Proposed

**MBE/WBE Commitments: MBE: 8%
WBE: 5.3%**

PURPOSE:

This project will include all the procurement, installation, testing, and commissioning of two fiber optic communications systems, one across the Betsy Ross Bridge and one across the Commodore Barry Bridge. The BRB fiber optic communications system shall provide communications infrastructure from the BRB administration building to the Richmond Street substation and at each gantry structure on the bridge. The CBB fiber optic communications system shall provide communications infrastructure from the CBB administration building to the new communications hut building in Chester, PA, and at each gantry structure on the bridge. The work shall include the installation, testing, and commissioning of all related equipment, conduit, cabling,

fiber, and terminations, as well as all required maintenance and protection of traffic.

BACKGROUND: The fiber optics at the Betsy Ross and Commodore Barry bridges are over twenty (20) years old and have degraded over time. After numerous repairs at both bridges, the fiber optic cabling has reached the end of its service life. This project will replace the fiber optics in a more versatile configuration to allow more reliable network communications. The tubing infrastructure to be installed will make future fiber installations faster, less labor intensive, and less expensive. The new fiber will support the DRPA's wide-area communications network with connections to PennDOT's I-95 fiber optics, connecting all four (4) DRPA bridges together.

The project was publicly advertised and bid documents were offered to the public beginning on October 2, 2017 with a bid opening date of November 14, 2017. Five (5) sets of documents were sold. A total of three (3) bids were received. The low responsive and responsible bid was submitted by Carr & Duff, Inc. in the amount of \$3,790,000.00.

Staff has completed the evaluation of bids and recommends that the contract be awarded to Carr & Duff, Inc., in the amount of \$3,790,000.00 as the low responsive and responsible bidder.

SUMMARY:	Amount:	\$3,790,000.00
	Source of Funds:	General Fund
	Capital Project #:	TE1501
	Operating Budget:	N/A
	Master Plan Status:	N/A
	Other Fund Sources:	N/A
	Duration of Contract:	Twenty-two (22) months
	Other Parties Involved:	N/A
	Estimated Number of Jobs Supported:	9

DRPA-17-099
Operations & Maintenance Committee: November 28, 2017
Board Date: December 6, 2017
Contract No. G-31-2017, Betsy Ross and Commodore Barry Bridges
Air-Blown Fiber Optic Installations

RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the bid of \$3,790,000.00 to perform the Betsy Ross and Commodore Barry Bridges Air-Blown Fiber Optic Installations, and that the proper officers of the Authority be and hereby are authorized to negotiate a contract with Carr & Duff, Inc. for the required work in an amount not to exceed \$3,790,000.00, 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.

SUMMARY:

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