

## SUMMARY OF RESOLUTION

### Authorization to Amend Contract MAN-10-03P Plumbing Construction for Manchester Main Shop Paint Booth Replacement

As part of the project to replace the existing paint booths with three new downdraft booths at the Manchester Main Shop, Port Authority of Allegheny County (Authority) publicly bid a multi-prime construction contract for general, electrical, HVAC and plumbing construction work. The plumbing construction work is provided under Contract MAN-10-03P (Contract) and includes installation of new sanitary drains, oil water separator, compressed air piping, natural gas piping and fire protection system. Wheels Mechanical Contracting and Supplier, Inc. (Contractor), was the successful low bidder based on bids received and publicly opened on September 2, 2010. The Authority Board authorized award of Contract in the amount of \$205,400.00 at its November 24, 2010 meeting. Under the Authority's Limits of Authority Policy, staff has authorized previous changes to Contract by issuance of Change Order 001 in an amount of \$20,048.82.

Upon development and review of the paint booth and utility coordination shop drawings, it has been recognized that the bid documents did not address conflicts with the existing fire sprinkler and natural gas supply piping. To accommodate the construction of the new paint booths, modifications to the fire sprinkler system and natural gas supply are required as a change to Contract.

This resolution hereby authorizes amending Contract with Contractor as described in Exhibits A and B.

07/22/11  
J. Letwin

## RESOLUTION

**WHEREAS**, Port Authority of Allegheny County (Authority) publicly bid and previously awarded Plumbing Construction Contract No. MAN-10-03P (Contract) for the Manchester Main Shop Paint Booth Replacement project to Wheels Mechanical Contracting and Supplier, Inc. (Contractor); and

**WHEREAS**, the Authority Board, in its Limits of Authority Policy, as amended and restated, reserves to itself exclusively the power to approve modifications and changes to those contracts that increase the then current dollar value of the contract by more than 10 percent; and

**WHEREAS**, proposed changes to Contract for items of additional work, as described in Exhibit A, are necessary to complete Contract; and

**WHEREAS**, the total value of the proposed changes would increase the current dollar value of Contract by more than 10 percent; and

**WHEREAS**, the proposed changes are necessary to address certain code requirements and are in the best interest of the Authority.

**NOW, THEREFORE, BE IT RESOLVED**, that the chief executive officer and/or Rail Operations/Engineering officer be, and hereby are, authorized to execute an amendment to Contract, in a form approved by counsel, to perform the work listed in Exhibits A and B attached hereto and made part of this Resolution, and to increase the contract sum of Contract by the amount of \$133,944.48 to a total contract sum of \$359,393.30 and to take all such other actions necessary and proper to carry out the purpose and intent of this resolution.

Exhibit "A"

Contract No: MAN-10-03P  
Contractor: Wheels Mechanical Contracting and Supplier, Inc.

Original Contract Amount	\$205,400.00
Previous Authorized Change Order 001	\$ 20,048.82
Pending Change Order 002 (see Exhibit B)	<u>\$133,944.48</u>
Total Authorized Amended Contract Sum	\$359,393.30

Exhibit "B"

Port Authority of Allegheny County  
CONTRACT CHANGE ORDER

CONTRACT NAME	CONTRACT NUMBER	CHANGE ORDER NO.
Manchester Main Shop: Paint Booth Replacement	MAN-10-03P Plumbing Construction	002

**CONTRACTOR:** Wheels Mechanical Contacting and Supplier, Inc.

The following changes in the work area are ordered, subject to the conditions hereinafter set forth, in accordance with the Contract Documents. The changes consist of the following increased, decreased, or additional items of work at the unit price or on a lump sum basis as listed below.

**EXPLANATION OF CHANGE ORDER:**

1. Fire Sprinkler Piping Modifications

The contract documents indicate the existing fire sprinkler system located above the new paint booths will remain. Upon development and review of the paint booth and utility coordination shop drawings, it became evident the fire sprinkler piping is interfering with the new paint booths and needs re-routed to accommodate installation of the booths. The Port Authority's design consultant developed a new layout for the sprinkler piping system. The plumbing contractor is responsible for completing the final design and installation of the new sprinkler to include installation of a network of sprinkler piping and heads around the perimeter of each of the three new paint booths. The effort requires the plumbing contractor to secure additional services of a qualified professional engineer in preparation and sealing of final design drawings and flow calculations for modification of the building's fire sprinkler system.

Lump Sum \$40,635.00

2. Upgrade of Natural Gas Supply to Paint Booths

The contract documents indicate an existing 2-1/2" diameter natural gas supply to the existing paint booths will remain and service the new paint booths. Upon development and review of the paint booth and utility coordination shop drawings, it became evident the existing 2-1/2" diameter natural gas supply was inadequate to service the new booths. Analysis of the gas piping system conducted by the Port Authority's design consultant indicated the existing 2-1/2" diameter gas supply line is adequate to remain for servicing the first paint booth as part of Phase-1 construction. A second gas supply line of 3" diameter needs installed by the plumbing contractor to accommodate Phase-2 construction of the other two booths.

Lump Sum \$93,309.48