

RESOLUTION NO. 2019- 483

A RESOLUTION TO AMEND AND SUPPLEMENT RESOLUTION NO. 2019-375, AUTHORIZING EXECUTION OF AN EXTRAORDINARY, UNSPECIFIABLE SERVICES AGREEMENT WITH ACME INDUSTRIAL INC., STATEN ISLAND, NY FOR THE DIAGNOSIS AND REPAIR OF THE WESTINGHOUSE W251B COMBUSTION TURBINE.

WHEREAS, the City Council of the City of Vineland, on August 27, 2019, adopted Resolution No. 2019-375, entitled “RESOLUTION AUTHORIZING THE EXECUTION OF AN AGREEMENT FOR THE DIAGNOSIS AND REPAIR OF THE WESTINGHOUSE W251B COMBUSTION TURBINE IN ACCORDANCE WITH N.J.S.A. 40A:11-5(1)(i) AS AN EXTRAORDINARY AND UNSPECIFIABLE SERVICE WITH ACME INDUSTRIAL, INC. STATEN ISLAND, NEW YORK”; and

WHEREAS, there exists a need to amend and supplement said Extraordinary, Unspecifiable Service Agreement with Acme Industrial Inc., Staten Island, NY for the Diagnosis and Repair of the Westinghouse W251B Combustion Turbine as authorized by Resolution No. 2019-375; by change order to Purchase Order No. 19-06363 to provide for repair of Row 2 vanes which consists of welding to fill cracks, pits, and holes that were not visible because they were filled with carbon and dirt when the field inspection was conducted during disassembly of the combustion turbine. The vane deficiencies became apparent following blasting of the blade ring with aluminum oxide; and

WHEREAS, the Chief Financial Officer has certified that funds for the amendment requested herein are available;

NOW, THEREFORE, BE IT RESOLVED by this City Council as follows:

1. THAT Resolution No. 2019-375, entitled “RESOLUTION AUTHORIZING THE EXECUTION OF AN AGREEMENT FOR THE DIAGNOSIS AND REPAIR OF THE WESTINGHOUSE W251B COMBUSTION TURBINE IN ACCORDANCE WITH N.J.S.A. 40A:11-5(1)(i) AS AN EXTRAORDINARY AND UNSPECIFIABLE SERVICE WITH ACME INDUSTRIAL, INC. STATEN ISLAND, NEW YORK”; be and the same is hereby amended and supplemented to increase the amount of the contract by \$15,870.00.

2. THAT the Purchasing Agent be and the same is hereby authorized to issue an amendatory supplemental change order #2 to Purchase Order No. 19-06363, issued to Acme Industrial, Inc., Staten Island, NY, in the amount of \$15,870.00.

Adopted:

President of Council

ATTEST:

City Clerk



November 19, 2019

REPORT

TO: THE MAYOR AND COUNCIL

RE: Amendatory Supplemental Change Order No. 2
Purchase Order No. 19-06363
Diagnosis and Repair of the Westinghouse W251B Combustion Turbine
Acme Industrial Inc., Staten Island, NY

Dear Mayor and Members of Council:

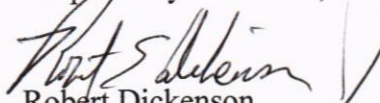
We are requesting an amendatory supplemental change order to Purchase Order No. 19-06363, issued to Acme Industrial Inc., Staten Island, NY, for the Diagnosis and Repair of the Westinghouse W251B Combustion Turbine. This contract was authorized by Resolution No. 2019-375, adopted by City Council on August 27, 2019.

The change order requested, in the amount of \$15,870.00, will provide for additional repairs needed on certain other components. These findings could not be determined until the Unit was disassembled and visually inspected.

This change order, plus change order #1 (\$142,250.00) will increase the original contract amount from \$703,995.00 to \$862,115.00.

The amendatory supplemental change for which authorization is herein requested may be authorized in accordance with N.J.A.C. 5:34-4.1 et seq.

Respectfully submitted,


Robert Dickenson
Business Administrator

RD/wr
Encl.

REQUEST FOR CHANGE ORDER



FOR:

West Unit 1 Combustion Turbine Repair

PROJECT NAME

TO: BUSINESS ADMINISTRATION

DEPARTMENT: Electric Utility

FROM: Joseph L. Colla

JL.C.
10/28/19

This is a request for change order # 2 to Contract # 19-06363 for:

Project Name West Unit 1 Combustion Turbine Repair

Name/Address of

Contractor: Acme Industrial Inc., 326-328 Front Street, Staten Island, New York 10304

The change order is necessary because: (use additional pages if necessary to explain your reason and you must attach *documentation to support the necessity of this change order.

*(Documentation from contractor, engineer, etc.)

(Signature)

Please see documentation from contractor and engineer.

10/28/19

Original Contract Amount:	\$ <u>703,995</u>
Amount of this change order:	\$ <u>15,870</u>
Previous Change Orders:	\$ <u>142,250</u>
Total Revised Amount:	\$ <u>862,115</u>

APPROVED BY: John Lillie
Print/type

John Lillie
Signature

NOTE:

CHANGE ORDERS CANNOT EXCEED 20% OF THE ORIGINAL CONTRACT AMOUNT

Please provide the account number that the change order will be charged to:

Account # 9-05-55-502-9006-53068

CC: Purchasing Division

(Handwritten mark)

ACME INDUSTRIAL, INC.

MARINE AND INDUSTRIAL REPAIRS
MACHINE SHOP, CENTRIFUGAL BEARINGS, STEEL FABRICATORS
ON-SITE MACHINING, GAS AND OIL SEALS, BREAKER INSULATION

October 23, 2019

City of Vineland
ATTN: Joseph Colla

RE: W251B Turbine Overhaul Additional Findings CRF Quote

ACME Industrial is providing the following pricing quote to address the recommended repair to the row 2 vanes and making the customer aware of a previous blade ring repair. These conditions were present but not identified during the field inspection for various reasons. First, the above conditions were in the bottom half of the assemblies, not yet removed from the housings, and therefore, not easily seen. Second, the conditions were shielded by other vanes from visual inspection until all stages were removed in the shop. Third, all conditions were found after blasting the rotor and removing all carbon build up, dirt, ect that fills in cracks, pits, holes that may not be visually found prior to blasting.

Item 1: There was significant airfoil damage found to the row 2 vanes (Pictures Attached). TRI proposes to repair the major damage but to leave the minor damage as found.: \$15,870

Item 2: There is a previous blade ring repair that someone had performed in the past. This consist of bolted on sections on the row 1 vane segment mounting track (Pictures Attached). These are still intact but show some metal loss through oxidation. TRI proposes to leave these repairs as found and monitor during the next inspection: No Additional Charge

TOTAL Additional Item: \$15,870

*All additional work, if necessary, will be addressed with a Condition Found Report with pricing at the included ACME Industrial Cumberland County T&M Rates.

*Any delays out of ACME Industrial's control may be additional at the T&M rates.

*Progress invoicing and payments to be allowed during this project.

Thank you for the opportunity.

Joe Martucci
ACME Industrial

326-328 Front Street
Staten Island, NY 10304
(718) 720-5522 / (718) 273-6942 fax

Acme Industrial Proposed Contract Change Order #2

Internal components of the West Unit 1 combustion turbine are currently being repaired under a contract awarded to Acme Industrial. The work scope of the original contract is based on a borescope inspection that indicated the Row 1 blades needed to be replaced and the Row 2 blades, Row 3 blades and lock plate repaired. Following disassembly, a field inspection of various internal components such as combustion baskets, transition pieces, and fuel nozzles that were not accessible during the borescope inspection indicated the need for additional repair work. A change order was awarded to Acme Industrial for the additional work identified during the field inspection.

Acme Industrial is in the process of repairing the combustion turbine internal components and has identified the need for the Row 2 vanes to be repaired. This item was not included in the work scope for the first change order because the need to repair the Row 2 vanes was not identified during the field inspection leading to the work scope for first change order. The repair of the Row 2 vanes consists of welding to fill cracks, pits, and holes that were not visible because they were filled with carbon and dirt when the field inspection was conducted during disassembly of the combustion turbine. The vane deficiencies became apparent following blasting of the blade ring with aluminum oxide.

The attached proposal from Acme Industrial in the amount of \$15,870 is for repair of the Row 2 vanes. Approval of the change order is recommended.

Joe Colla