

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE <div style="text-align: center;">J</div>		PAGE OF PAGES <div style="text-align: center;">1 8</div>	
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE 27-Feb-2023		4. REQUISITION/PURCHASE REQ. NO. 0011908331		5. PROJECT NO.(If applicable)	
6. ISSUED BY MICC - WEST POINT 681 HARDEE PLACE WEST POINT NY 10996-1514		CODE W911SD		7. ADMINISTERED BY (If other than item 6) <div style="text-align: center;">See Item 6</div>			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. W911SD23R0067	
				X		9B. DATED (SEE ITEM 11) 17-Feb-2023	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) THE PURPOSE OF THIS AMENDMENT IS TO ADJUST/CORRECT NUMBERING IN SOW- AND EDIT NUMBER 8 FROM 500 TON TO 400 TON. ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 27-Feb-2023	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 1449 - CONTINUATION SHEET

The following have been modified:

SOW**Subject: Scope of Work**

Contract name: Temporary Chillers - Summer 2023

IJO: CH 22329 2J

Project Location: Bldgs. 602, 735, 745C, 745D, 751, 753, 755, and 756.

Date: 3 February 2023

Scope:

Contractor to provide all labor, material, equipment, and supervision in accordance with all applicable codes and specifications to the following locations at USMA West Point, NY 10996:

- 1) Supply, install, and test operate one 200-ton trailer mounted air-cooled chiller with pumps and 500 KVA transformer at Bldg. 745D, MacArthur (short) Barracks.
- 2) Supply, install, and test operate one 200-ton trailer mounted air-cooled chiller with pumps at Bldg. 602, Grant Barracks.
- 3) Supply, install, and test operate one 400-ton trailer mounted air-cooled chiller with pumps at Bldg. 745C, Eisenhower Barracks.
- 4) Supply, install, and test operate one 100–150-ton trailer mounted air-cooled chiller with pumps at Bldg. 751, Pershing Barracks.
- 5) Supply, install, and test operate one 400-ton trailer mounted air-cooled chiller with pumps at Bldg. 735, Scott Barracks.
- 6) Supply, install, and test operate **two - 200-ton** trailer mounted air-cooled chiller with pumps and 750 KVA transformer at Bldg. 753, Bartlett Hall parking tunnel.
- 7) Supply, install, and test operate one 500-ton trailer mounted air-cooled chiller with pumps at Bldg. 755, Davis Barracks.
- 8) Supply, install, and test operate one **400-ton** trailer mounted air-cooled chiller with pumps at Bldg. 756, Bradley Barracks.

All chillers shall be delivered and installed and fully operational from May 15th to October 15, 2023.

Description of Work:

Contractor shall mobilize, install, inspect, and test operation of the trailer mounted chillers no later than May 15th for start of full operational service. On October 15th, the contractor will disconnect mechanically, electrically, and demobilize the temporary chillers and all associated material and equipment.

1) Supply and install one 200-ton chiller with pumps at Bldg. 745D, Mac Long Barracks and have all associated work needed for installation completed and the chiller ready and in operation by May 15th. The existing building power and disconnect is 230/460 VAC. Supply transformer to supply power to the chiller unit. The contractor will be responsible to tap existing 13-8 line and run cables from existing manhole and open conduit path to chiller location and connect to the supplied 500 KVA transformer. Install approximately 200' ft. of 6" in. rubber hose with connection ends to attach chiller to building 745 supply and return piping. Supply and install all pipe fittings as necessary for a complete installation. Supply and install all temporary electrical cable and accessories needed to connect chiller to the supplied transformer. The proposed site location and attachment locations (electrical disconnect, piping, etc.) to existing building systems will be shown at pre-bid site visit. The contractor shall have a qualified HVAC subcontractor at the pre-bid site visit to review this location and determine the exact details (specific location, attachment details, piping / cable length etc.). The contractor shall have a qualified high voltage electrical company do the transformer cabling, connections, and supply a fiberglass pad for the transformer. All taps and cable connections to the transformer will be done by other personnel. The government PM will be notified when new cabling is ready to be connected and PM will then notify Electric shop for terminations.

2) Supply and install one 100–150-ton chiller with pumps at Bldg. 751, Pershing Barracks and have all associated work needed for installation completed and the chiller ready and in operation by May 15th. The existing building power and disconnect is 230/460 VAC. Supply chiller to match existing power and or if required supply and install transformer to use with temporary chiller and house power. Install 6" in. rubber hose with connection ends to attach chiller to building 753 supply and return piping. Supply and install all pipe fittings as necessary for a complete installation. Supply and install all temporary electrical cable and appurtenances needed to connect chiller to the supplied transformer. The proposed site location and attachment locations (electrical disconnect, piping, etc.) to existing building systems will be shown at pre-bid site visit. The contractor shall have a qualified HVAC subcontractor at the pre-bid site visit to review this location and determine the exact details (specific location, attachment details, piping/cable length etc.). The contractor shall have a qualified high voltage electrical company do the transformer cabling, connections, and supply a fiberglass pad for the transformer. All taps and cable connections to the transformer will be done by other personnel. The government PM will be notified when new cabling is ready to be connected and PM will then notify Electric shop for terminations.

3) Supply and install one 200-ton chiller with pumps at Bldg. 602, Grant Barracks and have all associated work needed for installation completed and the chiller ready and in operation by May 15th. The existing building power and disconnect is 230/460 VAC. Supply chiller to match existing power and or if required supply and install transformer to use with temporary chiller and house power. Install 6" in. rubber hose with connection ends to attach chiller to building supply and return piping. Supply and install all pipe fittings as necessary for a complete installation. Supply and install all temporary electrical cable and appurtenances needed to connect chiller to the supplied transformer. The proposed site location and attachment locations (electrical

disconnect, piping, etc.) to existing building systems will be shown at pre-bid site visit. The contractor shall have a qualified HVAC subcontractor at the pre-bid site visit to review this location and determine the exact details (specific location, attachment details, piping/cable length etc.). The contractor shall have a qualified high voltage electrical company do the transformer cabling, connections, and supply a fiberglass pad for the transformer. All taps and cable connections to the transformer will be done by other personnel. The government PM will be notified when new cabling is ready to be connected and PM will then notify Electric shop for terminations.

4) Supply and install one 400-ton chiller with pumps at Bldg. 735, Scott Barracks and have all associated work needed for installation completed and the chiller ready and in operation by May 15th. The existing building power and disconnect is 230/460 VAC. Supply chiller to match existing power and or if required supply and install transformer to use with temporary chiller and house power. Install 6" in. rubber hose with connection ends to attach chiller to building supply and return piping. Supply and install all pipe fittings as necessary for a complete installation. Supply and install all temporary electrical cable and appurtenances needed to connect chiller to the supplied transformer. The proposed site location and attachment locations (electrical disconnect, piping, etc.) to existing building systems will be shown at pre-bid site visit. The contractor shall have a qualified HVAC subcontractor at the pre-bid site visit to review this location and determine the exact details (specific location, attachment details, piping/cable length etc.). The contractor shall have a qualified high voltage electrical company do the transformer cabling, connections, and supply a fiberglass pad for the transformer. All taps and cable connections to the transformer will be done by other personnel. The government PM will be notified when new cabling is ready to be connected and PM will then notify Electric shop for terminations.

5) Supply and install one 400-ton chiller with pumps at Bldg. 745C, Eisenhower Barracks and have all associated work needed for installation completed and the chiller ready and in operation by May 15th. The existing building power and disconnect is 230/460 VAC. Supply chiller to match existing power and or if required supply and install transformer to use with temporary chiller and house power. Install 6" in. rubber hose with connection ends to attach chiller to building supply and return piping. Supply and install all pipe fittings as necessary for a complete installation. Supply and install all temporary electrical cable and appurtenances needed to connect chiller to the supplied transformer. The proposed site location and attachment locations (electrical disconnect, piping, etc.) to existing building systems will be shown at pre-bid site visit. The contractor shall have a qualified HVAC subcontractor at the pre-bid site visit to review this location and determine the exact details (specific location, attachment details, piping/cable length etc.). The contractor shall have a qualified high voltage electrical company do the transformer cabling, connections, and supply a fiberglass pad for the transformer. All taps and cable connections to the transformer will be done by other personnel. The government PM will be notified when new cabling is ready to be connected and PM will then notify Electric shop for terminations.

6) Supply and install **two -200-ton** chiller with pumps at Bldg. 753, Bartlett Hall/parking tunnel and have all associated work needed for installation completed and the chiller ready and in operation by May 15th. The existing building power and disconnect is 230/460 VAC. Supply

transformer to supply power to the chiller unit. The contractor will be responsible to tap existing 13-8 line and run cables from existing manhole and open conduit path to chiller location and connect to the supplied 750 KVA transformer. Install approximately 200' ft. of 6" in. rubber hose with connection ends to attach chiller to building 745 supply and return piping. Supply and install all pipe fittings as necessary for a complete installation. Supply and install all temporary electrical cable and appurtenances needed to connect chiller to the supplied transformer. The proposed site location and attachment locations (electrical disconnect, piping, etc.) to existing building systems will be shown at pre-bid site visit. The contractor shall have a qualified HVAC subcontractor at the pre-bid site visit to review this location and determine the exact details (specific location, attachment details, piping / cable length etc.). The contractor shall have a qualified high voltage electrical company do the transformer cabling, connections, and supply a fiberglass pad for the transformer. All taps and cable connections to the transformer will be done by other personnel. The government PM will be notified when new cabling is ready to be connected and PM will then notify Electric shop for terminations.

7) Supply and install one 500-ton chiller with pumps at Bldg. 755, Davis Barracks and have all associated work needed for installation completed and the chiller ready and in operation by May 15th. The existing building power and disconnect is 230/460 VAC, 1000 amps. Supply transformer to supply power to the chiller unit (if necessary). The contractor will be responsible to install approximately 200' ft. of 6" in. rubber hose with connection ends to attach chiller to building 755 chill water supply and return piping. Supply and install all pipe fittings as necessary for a complete installation. Supply and install all temporary electrical cable and appurtenances needed to connect chiller to the supplied building power electrical disconnect. The proposed site location and attachment locations (electrical disconnect, piping, etc.) to existing building systems will be shown at site visit. The contractor shall have a qualified HVAC subcontractor at the site visit to review this location and determine the exact details (specific location, attachment details, piping / cable length etc.). The government PM will be notified when new cabling is ready to be connected and PM will then notify Electric shop for terminations.

8) Supply and install one **400-ton chiller** with pumps at Bldg. 756, Bradley Barracks and have all associated work needed for installation completed and the chiller ready and in operation by May 15th. The existing building power and disconnect is 230/460 VAC, 1000 amps. Supply transformer to supply power to the chiller unit (if necessary). The contractor will be responsible to install approximately 200' ft. of 6" in. rubber hose with connection ends to attach chiller to building 756 chill water supply and return piping. Supply and install all pipe fittings as necessary for a complete installation. Supply and install all temporary electrical cable and appurtenances needed to connect chiller to the supplied building power electrical disconnect. The proposed site location and attachment locations (electrical disconnect, piping, etc.) to existing building systems will be shown at site visit. The contractor shall have a qualified HVAC subcontractor at the site visit to review this location and determine the exact details (specific location, attachment details, piping / cable length etc.). The government PM will be notified when new cabling is ready to be connected and PM will then notify Electric shop for terminations.

Supply all labor and materials required to disconnect existing building piping for temporary chiller hook-up. Supply all labor and materials required to reconnect all piping after temporary

chillers are removed. All existing system components, electrical connections, structures, roadways, etc. shall be returned to their original existing conditions upon completion of this work for acceptable closing.

Specific Requirements:

a) All work shall be performed in accordance with applicable federal, state, local, and USMA requirements laws and regulations.

b) Supply material needed to support temporary chillers at site locations. Plywood, boards, chinks, etc. shall be installed under and chalked around tires and front trailer supports to protect the surface underneath chiller trailer.

c) Remove building louvers as necessary to run piping and electrical cables into building. Install temporary enclosures around temporary piping to cover the opening where louvers were removed.

d) Use hard rubber piping to connect chiller to building connections.

e) Supply all supervision, labor, equipment, and materials needed for installation and removal of temporary chillers.

f) Supply and install the automatic "red" high-capacity air bleeder for normal operations on each chiller unit. Supply the following brand: Bell & Gossett - High-Capacity Air Vent, Model 107A.

g) In addition to the work described above, the contractor shall also provide on-call maintenance and repair service for their supplied equipment during the periods of operation as described above. Contractor shall respond within two hours of placed call. After normal work hours, the contractor shall respond within four hours of placed call. The COR will initiate these on-call maintenance and repair services. There will be no additional payment for repair parts or materials needed as these are to be included in the cost of provided operational chiller units.

*****Contractor will supply / install all supply and return piping risers with Victaulic blank solid flanges upon completion of demobilization. *****

Submittals:

The contractor shall provide the following submittals as a minimum for review and approval. The government shall have 14 calendar days to review each deliverable:

1) Contractor bid/proposal:

Work plan for the execution of the design, procurement, installation, and testing of the work. This plan shall describe how they will be executed and how it will be accomplished so as to not interfere with the ongoing operations of the affected buildings and facilities.

Coordination / Schedule:

Contractor shall attend a site visit/existing conditions survey as scheduled by the COR. The contractor shall:

- 1) Coordinate the date and time of the work with COR within 5 days of Notice to Proceed.
- 2) Complete material, equipment, delivery, and installation by no later than May 15th.

Quality Control:

The contractor shall develop a Quality Control Plan to ensure that the requirements of the contract are provided as specified. This plan shall be submitted for review and approval prior to executing any design or construction work. The plan shall contain the minimum of the following:

- 1) An inspection program covering all the services to be performed under this contract.
- 2) A description of the process to be used for verifying compliance with the contract requirements including non-destructive examinations of welds.
- 3) The methodology to be used for identifying deficiencies in the quality of services performed before the level of performance has an adverse impact on the execution of the project.
- 4) A description of the daily quality control reports to be generated during the performance of the work including photographs of the work.
- 5) Qualifications of the QA/QC representative.

Health, Safety and Environmental Protection:

The contractor shall develop and submit for review and approval their Health and Safety Plan along with their Environmental Protection Plan for this work. These plans shall cover the being performed including fall protection. These plans shall comply with all federal, state, local, and USMA requirements, laws, and regulations.

Reports / Records:

Within 10 days of completion of construction, the contractor shall submit all records of the work including but not limited to quality inspection reports (including photographs), test reports, and manufacturer's documentation.

(End of Summary of Changes)