



Office of General Services

DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 2 TO PROJECT NO. 47479

CONSTRUCTION AND ELECTRICAL WORK RENOVATE LOADING DOCK & BUILDING ENTRANCE E ROOSEVELT STATE OFFICE BUILDING 4 BURNETT BLVD POUGHKEEPSIE, NEW YORK

February 21, 2025

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

INTRODUCTORY INFORMATION – CONSTRUCTION WORK

1. DOCUMENT 000101 TITLE PAGE: Change “AUGUST 12, 2024” to “OCTOBER 24, 2024”.
2. PAGE 000115 – 1, Article 1.01: Add Paragraph B to Read:

“B. The drawings for related contracts are listed on the Title Sheet for reference only. Examine the drawings for related contracts to ascertain the relationship of the Work to the related contracts.”

GENERAL REQUIREMENTS – COMMON DOCUMENTS

3. SECTION 015000 CONSTRUCTION FACILITIES & TEMPORARY CONTROLS: Discard the Section bound in the Project Manuals and substitute the accompanying Section (pages 015000 – 1 thru 015000 – 6) noted “Addendum 2 – February 20, 2025”.

GENERAL REQUIREMENTS – CONSTRUCTION WORK

4. PAGE 014100 - 2: Add Article 1.07 to Read:

“1.07 UTILITIES

- A. Underground Utilities:
 1. Locate existing underground utilities prior to commencing excavation work. Conform to all requirements of NYCRR 16 Part 753, including the following:
 - a. Notify Dig Safely New York at least 48 hours in advance, not counting the date of contact.
 - 1) Statewide: 800-962-7962.

- 2) Website: www.digsafelynewyork.com
 - b. Refer to Project Manual Section 023313 “Underground Utility Locator Service” to locate all utilities on facility and/or private property.
 - c. Determine exact utility locations by hand-excavated test pits. Contractor will be responsible for the proper support and protection of all utilities to remain in service.”
- 5. PAGE 017716 – 2, Paragraph 1.04 E: Delete Paragraph in its entirety.

CONSTRUCTION WORK SPECIFICATIONS

- 6. SECTION 260221 MOTORS AND MOTOR CONTROLLERS: Add the accompanying Section (pages 260221 – 1 thru 260221 – 3) to the Project Manual.

CONSTRUCTION WORK DRAWINGS

- 7. Drawing C-101, 1st Level Plan – CHANGE “PROVIDE METAL RAILING AND POSTS, MATCH STYLE, TYPE, AND COLOR OF EXISTING RAILING AND POSTS” to Read:

“PROVIDE A 2’-6”H METAL RAILING TO MATCH THE EXISTING RAILING, CONSTRUCTED OF 1-1/2” SCHEDULE 80 GALVANIZED AND PAINTED PIPE RAILS WITH WELDED CONNECTIONS. PAINT THE METAL RAILING, INCLUDING THE APPROXIMATELY 24 LF EXISTING SECTION TO REMAIN, USING PAINT TYPE EAL-2 IN A COLOR SELECTED BY THE DIRECTOR’S REPRESENTATIVE. SEE SPEC SECTIONS 055000 AND 099101. SEE PHOTO #6 ON DRAWING G-003 FOR REFERENCE OF THE EXISTING RAILING.”

END OF ADDENDUM

Brady Sherlock, P.E.
Director, Division of Design
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SECTION 015000

CONSTRUCTION FACILITIES & TEMPORARY CONTROLS

PART 1 GENERAL

1.01 DESCRIPTION

- A. Provide the construction facilities and temporary controls necessary for the Work, unless otherwise indicated.
 - 1. The construction facilities and temporary controls specified to be provided by a particular Contract shall be kept operational by that Contractor for the Work of all related Contracts at all times Work is being performed by a Contractor.
 - 2. The construction facilities and temporary controls specified to be provided by a particular Contractor shall be installed as soon after award of the Contract as necessary to enable the Work of each Contract to proceed on schedule, and maintained until completion of the Work of all related contracts unless otherwise directed in writing.
 - 3. Any Contractor who requires additions to the construction facilities and temporary controls specified to be provided by another Contractor, shall provide and maintain them.

1.02 TEMPORARY LIGHT AND POWER

- A. Electrical energy for temporary light and power will be made available without charge.
- B. Electrical Work Contract:
 - 1. Provide wiring and other equipment within the building for temporary light and power.
 - a. Wiring for temporary light and single phase power shall, in general, consist of 3 wire, 120/240 volt or 4 wire, 120/208 volt feeders, with branch circuits of #12 conductors minimum.
 - 1) Install branch circuits with suitable fluorescent fixtures or incandescent lampholders for temporary lighting as required to maintain a minimum of 10 foot candles in the work areas. Equip fixtures and lampholders with guards. Fixtures and lampholders installed in damp or wet locations shall be of the weatherproof type.
 - 2) Install branch circuits with fused grounding type receptacle outlets for single phase power (for power tools, etc.).
 - 2. Provide lamps and fuses including replacements required.
- C. All Contracts:
 - 1. Any Contractor requiring additional lighting shall provide additional fluorescent fixtures or incandescent lampholders (with lamps), but in no case shall the load on any branch circuit or feeder exceed its rated capacity.

2. Install materials for temporary light and power in conformance with the National Electrical Code.
3. Materials for temporary light and power need not be new if they are in satisfactory operating condition.
4. Provide ground-fault protection for personnel (such as portable plug-in type ground-fault circuit-interrupters) on single phase 15 and 20 ampere receptacle outlets which are in use.
5. Receptacle outlets, portable cord connectors and attachment plugs shall have standard NEMA configurations.
6. As the progress of the Work allows, and as approved, completed portions of the permanent wiring and electrical service may be utilized for temporary light and power.

1.03 TEMPORARY WATER

- A. Water will be made available for the Work without charge at source or sources directed within the limits of the existing supply and usage.
- B. All Contracts: Prevent waste of water.

1.04 TEMPORARY TOILETS

- A. Existing toilet rooms to be used by the Contractors' and subcontractors' employees will be designated by the Director's Representative.
- B. Construction Work Contract: Maintain assigned toilet rooms in a sanitary condition.

1.05 PROTECTION OF WORK AND EXISTING PROPERTY

- A. Protect installed Work and existing property during performance of the Work.
- B. Maintain the building in a watertight condition during performance of the Work.
- C. Provide temporary and removable protection for installed products. Control activity in immediate work area to prevent damage.
- D. Provide protective coverings at wall projections, jambs, sills, and soffit of openings.
- E. Protect finished floors, stairs, and other surfaces from traffic, dirt, wear, damage, and movement of heavy objects by covering them with durable sheet materials.
- F. Protect smoke detectors from airborne dust and debris.
 1. At the beginning of each work day, provide protective coverings over smoke detectors in areas where airborne dust and debris will be generated by the Work.
 2. At the end of the work day, clean the areas in which the smoke detectors are located by whatever means necessary to assure that airborne dust and debris will not contaminate the smoke detectors, then remove protective coverings.

3. Provide signs, instructions and alternate methods for reporting a fire during the periods that the smoke detectors are covered.
 4. Notify the Director's Representative and have procedures approved.
- G. Prohibit traffic or storage upon waterproofed and roofed surfaces. If traffic or activity is necessary, obtain recommendations for protection from waterproofing or roofing material manufacturer.
- H. Protect existing trees and plants during performance of the Work unless otherwise indicated. Box trees and plants within the grading limit lines. Do not deposit excavated materials or store building materials around trees or plants. Do not attach guy wires to trees.
- I. Prohibit traffic from landscaped areas.
- J. Cleaning tools of cementitious and other insoluble materials:
1. Do not wash tools in sinks or other sanitary drainage systems. Protect all drainage systems from debris that can clog or damage piping and fixtures.
 2. Take all precautions necessary to prevent cementitious and other insoluble materials from flowing into floor drains.
 3. Dispose of excess cementitious and other insoluble debris with the other rubbish.

1.06 BARRIERS AND ENCLOSURES

- A. All Contracts: Provide barriers during performance of the Work to:
1. Prevent unauthorized entry to work areas.
 2. Allow for State's occupancy of Site.
 3. Protect existing facilities and adjacent properties from damage.
- B. Construction Work Contract:
1. Temporary Partitions: Provide temporary partitions to form fire resistive barriers between work areas and areas occupied by State personnel. Construct the partitions of 3-5/8 inch width steel framing or 2 x 4 wood framing, with 5/8 inch thick Type X (ASTM C 36) gypsum board on both sides of partition. Secure the partitions in place without damaging existing construction. Seal joints on the State occupied side with joint tape and compound. Provide 1-3/4 inch thick solid core flush wood doors or 18 gage flush steel doors, and steel door frames. Equip doors with full mortise hinges and lockset. Furnish the Director's Representative with 2 keys for each lock.
 2. Temporary Dust Barriers: Provide temporary dust barriers to prevent the spread of dust from the work areas. Construct the dust barriers of wood framing sheathed with 6 mil polyethylene film. Secure the dust barriers in place without damaging existing construction.

1.07 TEMPORARY FENCE ENCLOSURE

- A. Construction Work Contract:
1. Provide temporary fence not less than 8 feet in height above grade.
 2. Fabric: #9 gage galvanized steel, or equal gage aluminum, woven together into 2 inch diamond mesh, with both top and bottom edges having a twisted and barbed finish.
 3. Posts, Rails, and Connections: Standard galvanized steel products of an approved manufacturer, of the size and types as required and approved. Provide top and bottom rails between all posts, secured with bolted connections.
 4. Gates: Provide access gates for passage of employees and materials, complete with padlock. Fabricate gates with galvanized steel pipe perimeter covered with same fabric specified for fence. Furnish the Director's Representative with 2 keys per gate.
 5. Erection: Provide temporary fencing with portable bases, bases shall be weighted down to prevent tipping from wind and pedestrian traffic. Install bottom rail not more than 2 inches above existing grade. Pull fabric taut and wire tightly to posts and rails at not more than 2 feet on center.
 6. Maintain the temporary fence enclosure throughout the life of the Contract, or until directed to be removed. Replace all items or portions of fence enclosure damaged or destroyed.

1.08 SECURITY

- A. Key Deposits: A \$25 deposit will be required for each key issued by the Facility. Deposits will be refunded upon return of the keys.
- B. Facility Key Regulations:
1. Sign Facility keys out and in on a daily basis unless otherwise directed.
 2. Keep keys on person at all times while on the premises. Do not loan or give keys to other persons.
 3. Do not remove keys from the premises without written permission from the Director's Representative.
 4. Report lost, missing, or stolen keys immediately to the Facility Safety/Security Department. Assume responsibility for cost of necessary key and lock replacement as a result of lost, missing, or stolen keys.
- C. Promptly relock doors and security screens located in access routes, storage areas, and work areas after use.
- D. Restore, by the end of each work day, existing in place safety/security items such as doors, screens, alarm systems components, that required removal, replacement, or adjustment to perform the Work, unless otherwise authorized in writing by the Director's Representative.
- E. Remove all tools and materials from patient occupied work areas when the work areas are not attended by employees and at the end of each work day. Store tools in a locked tool box, cabinet, or shed. Store materials where directed, in a location secure from access by patients and clients.

1.09 FIRE PREVENTION

- A. Take precautions necessary to prevent fires.
- B. Fuel for cutting and heating torches shall be acetylene or LP-gas only, and shall be contained in Underwriters Laboratory or Federal Department of Transportation approved containers.
- C. Furnish and maintain a currently inspected 20 pound capacity multi-class A:B:C fire extinguisher in the immediate vicinity where welding tools or torches are in use.
- D. Furnish and maintain a currently inspected fire extinguisher of the appropriate class and size whenever the temporary storage of materials changes that areas classification of fire load or life safety.
- E. Do not use flammable liquids, other than those specified, within a building without the written approval from the Director's Representative.
- F. Tarpaulins shall be flameproof and shall be securely anchored when attached to scaffolding or when used to enclose any portion of a building.
- G. If required by the nature of the work and facility regulations, the Contractor shall obtain from the facility and pay all costs associated with "Hot Work Permits" including fire watches to execute the work of its contract. Perform hot work in accordance with the Fire Code of New York State and the Hot Work Program approved for the work. Prior to, during and after performing hot work, inspect the hot work area for compliance with the requirements of the permitted Hot Work Program.
 - 1. Post signage "Caution: Hot Work In Progress - Stay Clear" in conspicuous locations warning others before they enter a hot work area where the area is accessible to persons other than the operator of the hot work equipment.
 - 2. See applicable facility permits and conditions bound in the Appendix.

1.10 TEMPORARY FIRE PROTECTION

- A. If the existing building is to be partially occupied during the course of the project, all existing exits, fire walls, fire barriers and fire protection systems shall be continuously maintained in the occupied phases in compliance with the Fire Code of New York State. Comply with NFPA 241 for items not specifically addressed in the Fire Code of New York State.
- B. Those portions occupied by the facility must be available for their use 24 hours a day, seven days a week during the contract period unless otherwise scheduled in these documents.
- C. Prior to removal of existing fire walls, fire barriers and fire protection systems, if such removal is part of the work, install equivalent temporary fire walls, fire barriers and fire protection systems as defined in these documents and as approved by the Director's Representative and/or the facilities representative.

- D. The cost of all labor, fire watches, variances, materials, installations, maintenance and removal of such temporary fire protection systems or modifications to the existing systems are the responsibility of the Contractor. Install permanent fire walls, fire barriers and fire protection systems, if provided as part of the work, as soon as practical.

1.11 PARKING

- A. All Contracts:
 - 1. Park vehicles in areas where directed.
 - 2. Keep designated parking areas clear of dirt and debris resulting from the Work.
 - 3. If requested, register vehicles which are to be parked at the Facility with the Facility Safety/Security Department.
 - 4. Remove ignition key from unattended vehicles and lock doors.

1.12 RUBBISH REMOVAL

- A. Clean up and containerize the rubbish (refuse, debris, waste materials, and removed materials and equipment) resulting from the Work at least once a day and more often if the rubbish interferes with the work of others or presents a hazard. Leave work areas broom clean, except where more stringent cleaning is specified, at the end of each day. Locate containerized rubbish on the Site where directed.
- B. Remove rubbish from State property at least once a week and more often if the rubbish presents a hazard. Properly dispose of rubbish.
- C. Burning of rubbish will not be permitted.

1.13 RELOCATION AND REMOVALS

- A. Should a change in location of any construction facilities and temporary controls be necessary in order to progress the Work properly, remove and relocate such items as directed.
 - 1. Electrical Work Contract: Frequently relocate/revise the temporary lighting as Contractors progress the Work of their contracts causing changes to the condition of the building (installation or relocation of walls, partitions, ceilings, equipment, etc.). Keep pace with the changes and maintain a minimum of 10 foot candles in each recomposed work area.
- B. Remove the construction facilities and temporary controls when they are no longer required. Restore permanent facilities used for or connected to temporary facilities to their original condition or better.

PART 2 PRODUCTS (Not Used)

PART 3 EXECUTION (Not Used)

END OF SECTION

SECTION 260221

MOTORS AND MOTOR CONTROLLERS

PART 1 GENERAL

1.01 REFERENCES

- A. NEMA MG-1 - Motors and Generators.
- B. NEMA ICS - General Standards for Industrial Control and Systems.
- C. UL508 - Electric Industrial Control Equipment.
- D. IEEE 519 - Recommended Practices and Requirements for Harmonic Control in Electric Power Systems.

1.02 SUBMITTALS

- A. Waiver of Submittals: The “Waiver of Certain Submittal Requirements” in Section 013300 does not apply to this Section.
- B. Submittal Package: Submit the product data, and quality control submittals specified below at the same time as a package.
- C. Product Data:
 - 1. Motor Controllers: Catalog sheets, specifications, and installation instructions. Submit product data for motor controllers simultaneously with product data required for motors.
 - a. Identify each controller for use with corresponding motor.
 - b. Describe overload devices being supplied with each motor controller (include equipment manufacturer’s recommendations).
 - c. Enumerate and describe all accessories being supplied with each motor controller.
 - 2. All Motors:
 - a. Catalog sheets, specifications and installation instructions.
 - b. Data proving that voltage rating of each motor is in accordance with specified NEMA standard motor voltage.
 - c. Data proving that the service factor and temperature rise for the motor’s insulation system conforms to NEMA standards for each motor’s specific application.
 - d. Data proving that the motor efficiency rating conforms to NEMA testing and marking standards MG1-12.54 and 12.55.
- D. Contract Closeout Submittals:
 - 1. Operation and Maintenance Data: Deliver 2 copies, covering the installed products, to the Director’s Representative.

PART 2 PRODUCTS

2.01 MOTORS

- A. Classification:
 - 1. Classification According to Application: Comply with NEMA standards for general-purpose alternating-current squirrel-cage induction motors, except:
 - a. Furnish NEMA definite-purpose or special-purpose motors when required to suit the application.
 - b. Furnish NEMA type other than squirrel-cage construction when required to suit the application.
 - 2. Classification According to Environmental Protection and Methods of Cooling: Comply with NEMA requirements for a dripproof machine unless otherwise specified or indicated on the drawings, or required to suit the application.
- B. Efficiency: Motors shall be stamped with a NEMA nominal efficiency rating in accordance with NEMA testing and marking standards MG1-12.54 and 12.55.
- C. Motor (Nameplate) Voltage:
 - 1. 120/208 V, Three Phase, 4W, Premises Wiring Systems:
 - a. Motors Less Than 1 hp: NEMA standard motor voltage 115 V, single phase, 60 Hz.
- D. Horsepower Capacity:
 - 1. Each motor shall not be overloaded by the apparatus it operates under every condition of operation.
 - 2. The horsepower capacity shall be the continuous rating based on the nameplate horsepower rating. (The motor may not be overloaded up to the horsepower obtained by multiplying the rated horsepower by the service factor shown on the nameplate).
 - 3. Where a minimum horsepower capacity is listed, furnish a motor larger than the minimum, if required in a particular case.
- E. Speed: As required and approved to meet the requirements of the service for which motors are intended.
- F. Motor Winding Protection: Where indicated, equip motors with imbedded temperature measuring detectors in the windings (thermocouples or resistance thermometers) with control unit and accessories for direct reading of stator temperatures. Alarm shall sound and motor controller trip at temperature recommended by motor manufacturer.

2.02 MANUAL MOTOR CONTROLLERS

- A. Minimum Size: The minimum allowable size of single or three phase magnetic motor controller is NEMA size 0.
- B. Voltage Rating: To suit system voltage.

- C. Enclosures:
 - 1. NEMA Type: Unless otherwise indicated, furnish NEMA 1 enclosures.
 - 2. Material: Steel construction unless otherwise indicated.
 - 3. Type A1 Controllers Indicated To Be Flush Mounted: Furnish stainless steel face plates and galvanized steel recessed mounting boxes.
- D. Local Control Devices:
 - 1. Manual Motor Controllers:
 - a. Type A1 Controller: In addition to the on/off switch function, furnish a hand/auto switch or 3 position hand-off-auto switch mounted in the enclosure cover.
- E. Pilot Lights:
 - 1. Manual Motor Controllers: Equip controllers with pilot lights (neon) mounted in the enclosure cover.
- F. Overload Devices: Equip motor controllers with manual reset melting type (eutectic), or manual reset bi-metallic type standard trip overload devices (NEMA Class 20, trips in 20 seconds or less when carrying a current equal to 600 percent of its current rating). Exceptions:
- G. Manual Motor Controller Types:
 - 1. Type A1 (Full Voltage, Non-Magnetic Single Phase): Allen-Bradley Co.'s Bulletin 600, Cutler-Hammer Products' File B200-9101, Furnas Electric Co.'s class 10, General Electric Co.'s CR-101, Square D Co.'s Class 2510, Type F, or Westinghouse Electric Corp.'s Type MS.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install the Work of this Section in accordance with the manufacturer's printed instructions.

3.02 MOTOR CONTROLLER SCHEDULE

- A. Types of Motor Controllers Required For Single Speed Motors:
 - 1. 120/208 V, Three Phase, 4W, Premises Wiring System:
 - a. Single Phase Motors Less Than 1 hp - Automatically Operated: Type A1.

END OF SECTION