

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

BPA NO.

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NUMBER  
00053. EFFECTIVE DATE  
03-23-2021

4. REQUISITION/PURCHASE REQ. NUMBER

5. PROJECT NUMBER (if applicable)  
618-17-127

6. ISSUED BY CODE

36C776

7. ADMINISTERED BY (If other than Item 6)

CODE 00076

Department of Veterans Affairs  
Program Contracting Activity CentralDepartment of Veterans Affairs  
Department of Veterans Affairs6150 Oak Tree Blvd, Suite 300  
Independence OH 441316150 Oak Tree Blvd, Suite 300  
Independence OH 44131

8. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code)

To all Offerors/Bidders

(X)

9A. AMENDMENT OF SOLICITATION NUMBER

36E77620R0050

9B. DATED (SEE ITEM 11)  
03-23-2021

10A. MODIFICATION OF CONTRACT/ORDER NUMBER

10B. DATED (SEE ITEM 13)

CODE

FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS** The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers 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 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication 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 letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. April 16, 2021 at 2:00 PM ET

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.**

CHECK ONE

 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  is not,  is required to sign this document and return 1 (ONE) 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 provide the following:

1. A copy of the Minneapolis Mental Health Technical Question Spreadsheet.
2. A copy of the Impatient Ward Project Addendum 1
3. A copy of the following PDF documents: 014500 Quality Control, 083313 Coiling Counter Doors, and Q26 Crafted Plank Oak Grooves
4. The technical question due date has also been extended to April 4, 2020 at 2:00 PM ET

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)

Donald A. Marsh III  
PCAC-15L3-1697

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

See attached document: Renovate Mental Health Inpatient Ward Project Addendum 1.

See attached document: 083313 Coiling Counter Doors.

See attached document: S05 -Technical Question Tracking Sheet.

See attached document: Q 26 crafted plank oak grove.

See attached document: 01 45 00 Quality Control.

End of Document

**SECTION 01 45 00**  
**QUALITY CONTROL**

**PART 1 - GENERAL**

**1.1 DESCRIPTION**

- A. This section specifies requirements for Contractor Quality Control (CQC) for Design-Bid-Build (DBB) construction projects.

**1.2 APPLICABLE PUBLICATIONS**

- A. The publication listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.
- B. ASTM International (ASTM)
  - 1. D3740 - (2012a) Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction
  - 2. E329 - (2014a) Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction

**1.3 SUBMITTALS**

- A. Government approval is required for all submittals. CQC inspection reports shall be submitted under this Specification section and follow the [Applicable CQC Control Phase (Preparatory, Initial, or Follow-Up)]: [Applicable Specification section] naming convention.
  - 1. Preconstruction Submittals
    - a. Interim CQC Plan
    - b. CQC Plan
    - c. Additional Requirements for Design Quality Control (DQC) Plan
  - 2. Design Data
    - a. Discipline-Specific Checklists
    - b. Design Quality Control
  - 3. Test Reports
    - a. Verification Statement

**PART 2 PRODUCTS - NOT USED**

**PART 3 - EXECUTION**

**3.1 GENERAL REQUIREMENTS**

- A. Establish and maintain an effective quality control (QC) system that complies with the FAR Clause 52.246.12 titled "Inspection of Construction". QC consists of plans, procedures, and organization necessary to produce an end product which complies with the Contract requirements. The QC system covers all design and construction operations, both onsite and offsite, and be keyed to the proposed construction sequence. The project superintendent will be held responsible for the quality of work and is subject to removal by the Contracting Office or Authorized designee for non-compliance with the quality requirements specified in the Contract. In this context the highest level manager responsible for the overall construction activities at the site, including quality and production is the project superintendent. The project superintendent maintains a physical presence at the site at all times and is responsible for all construction and related activities at the site, except as otherwise acceptable to the Contracting Officer.

**3.2 CQC PLAN:**

- A. Submit to CO or Designee to determine during Constructability review - 45 days after receipt of Notice to Proceed (NTP) the CQC Plan proposed to implement the requirements of the FAR Clause 52.246.12 titled "Inspection of Construction". The Government will consider an Interim CQC Plan for the first 45 days to match timeline established immediately above 45 days of operation, which must be accepted to the CO. Construction will be permitted to begin only after acceptance of the CQC Plan or acceptance of an Interim plan applicable to the particular feature of work to be started. Work outside of the accepted Interim CQC Plan will not be permitted to begin until acceptance of a CQC Plan or another Interim CQC Plan containing the additional work scope is accepted.
- B. Content of the CQC Plan: Include, as a minimum, the following to cover all design and construction operations, both onsite and offsite, including work by subcontractors, architects/engineers (A/E), fabricators, suppliers, and purchasing agents:

1. A description of the QC organization, including a chart showing lines of authority and acknowledgement that the CQC staff will implement the three phase control system for all aspects of the work specified. Include a CQC System Manager that reports to the project superintendent.
2. The name, qualifications (in resume format) duties, responsibilities, and authorities of each person assigned a CQC function.
3. A copy of the letter to the CQC System Manager signed by an authorized official of the firm which describes the responsibilities and delegates sufficient authorities to adequately perform the functions of the CQC System Manager, including authority to stop work which is not in compliance with the Contract. Letters of direction to all other various quality control representatives outlining duties, authorities, and responsibilities will to the Contracting Officer or Authorized designee. be issued by the CQC System Manager. Furnish copies of these letters
4. Procedures for scheduling, reviewing, certifying, and managing submittals including those of subcontractors, designers of record, consultants, A/E's offsite fabricators, suppliers and purchasing agents. These procedures must be in accordance with Section 01 33 23 Shop Drawings, Product Data, and Samples.
5. Control, verification, and acceptance of testing procedures for each specific test to include the test name, specification paragraph requiring test, feature of work to be tested, test frequency, and person responsible for each test. (Laboratory facilities approved by the Contracting Officer or Authorized designee are required to be used)
6. Procedures for tracking Preparatory, Initial, and Follow-Up control phases and control, verification, and acceptance tests including documentation.
7. Procedures for tracking design and construction deficiencies from identification through acceptable corrective action. Establish verification procedures that identified deficiencies have been corrected.
8. Reporting procedures, including proposed reporting formats.
9. A list of the definable features of work. A definable feature of work is a task which is separate and distinct from other tasks has

separate control requirements, and is identified by different trades or disciplines, or it is work by the same trade in a different environment. Although each section of specifications can generally be considered as a definable feature of work, there are frequently more than one definable feature under a particular section. This list will be agreed upon during the Coordination meeting.

10. Coordinate schedule work with Special Inspections required by Section 01 45 35 Special Inspections, the Statement of Special Inspections and Schedule of Special Inspections. Where the applicable Code issue by the International Code Council (ICC) calls for inspections by the Building Official, the Contractor must include the inspections in the CQC Plan and must perform the inspections required by the applicable ICC. The Contractor must perform these inspections using independent qualified inspectors. Include the Special Inspection Plan requirements in the CQC Plan.

- C. Acceptance of Plan: Acceptance of the Contractor's plan is required prior to the start of construction. Acceptance is conditional and will be predicated on satisfactory performance during construction. The Government reserves the right to require the Contractor to make changes in the CQC Plan and operations including removal of personnel as necessary, to obtain the quality specified.
- D. Notification of Changes: After acceptance of the CQC Plan, notify the Contracting Officer or Authorized designee in writing of any proposed change. Proposed changes are subject to acceptance by the Government prior to implementation by the Contractor.

### **1.3 COORDINATION MEETING:**

After the Preconstruction Conference Post-award Conference before start of construction and prior to acceptance by the Government of the CQC Plan, meet with the Contracting Officer or Authorized designee to discuss the Contractor's quality control system. Submit the CQC Plan a minimum of 5 business days prior to the Coordination Meeting. During the meeting, a mutual understanding of the system details must be developed, including the forms for recording the CC operations, design activities (if applicable), control activities, testing, administration of the system for both onsite and offsite work, and the interrelationship of Contractor's Management and control with the Government's Quality Assurance. Minutes of the meeting will be prepared by the Government, signed by both the Contractor and

Contracting Officer or Authorized designee and will become a part of the contract file. There can be occasions when subsequent conferences will be called by either party to reconfirm mutual understandings or address deficiencies in the CQC system or procedures which can require corrective action by the Contractor.

**1.4 QUALITY CONTROL ORGANIZATION:**

- A. Personnel Requirements: The requirements for the CQC organization are a Safety and Health Manager, CQC System Manager, a Design Quality Manager (if applicable), and sufficient number of additional qualified personnel to ensure safety and Contract compliance. The Safety and Health Manager shall satisfy the requirements of Specification 01 35 26 Safety Requirements and reports directly to a senior project (or corporate) official independent from the CQC System Manager. The Safety and Health Manager will also serve as a member of the CQC Staff. Personnel identified in the technical provisions as requiring specialized skills to assure the required work is being performed properly will also be included as part of the CQC organization. The Contractor's CQC staff maintains a presence at the site at all times during progress of the work and have complete authority and responsibility to take any action necessary to ensure Contract compliance. The CQC staff will be subject to acceptance by the Contracting Officer or Authorized designee. Provide adequate office space, filing systems, and other resources as necessary to maintain an effective and fully functional CQC organization. Promptly complete and furnish all letters, material submittals, shop drawings submittals, schedules and all other project documentation to the CQC organization. The CQC organization is responsible to maintain these documents and records at the site at all times, except as otherwise acceptable to the Government.
- B. CQC System Manager: Identify as CQC System Manager an individual within the onsite work organization that is responsible for overall management of CQC and has the authority to act in all CQC matters for the Contractor. The CQC system Manager is required to be qualified based on resume project complexity and construction. This CQC System manager is on the site at all times during construction and is employed by the General Contractor. The CQC System may have duties as project superintendent in addition to quality control. Identify in the plan an alternate to serve in the event of the CDQC System Manager's absence.

The requirements for the alternate are the same as the CQC System Manager.

- C. CQC Personnel: In addition to CQC personnel specified elsewhere in the contract, provide as part of the CQC organization specialized personnel to assist in the CQC System Manager for the following areas, as applicable: electrical, mechanical, civil, structural, environmental, architectural, materials technician submittals clerk, Commissioning Agent/LEED specialist, and low voltage systems. These individuals or specified technical companies shall be responsible to the CQC System Manager; be physically present at the construction site during work on the specialized personnel's areas of responsibility; have the necessary education or experience in accordance with the Experience Matrix listed herein. These individuals can perform other duties but need to be allowed sufficient time to perform the specialized personnel's assigned quality controls duties as described in the CQC Plan. A single person can cover more than one area provided that the single person is qualified to perform QC activities in each designated and that workload allows.

#### EXPERIENCE MATRIX

Area	Qualifications
Civil	Graduate Civil Engineer or Construction Manager with 2 years experience in the type of work being performed on this project or technician with 5 years related experience.
Mechanical	Graduate Mechanical Engineer with 2 years experience or construction professional with 5 years of experience supervising mechanical features of work in the field with a construction company.
Electrical	Graduate Electrical Engineer with 2 years related experience or construction professional with 5 years of experience supervising electrical features of work in the field with a construction company.



Area	Qualifications
Structural	Civil Engineer (with Structural Track or Focus), Structural Engineer, or Construction Manager with 2 years experience or construction professional with 5 years experience supervising structural features of work in the field with a construction company.
Architectural	Architect with 2 years experience or construction professional with 5 years of related experience.
Environmental	Environmental Engineer with 3 years experience.
Submittals	Submittal Clerk with 1 year experience.
Concrete, Pavement, and Soils	Materials Technician with 2 years experience for the appropriate area.
Testing, Adjusting, and Balancing (TAB)	Specialist must be a member of AABC or an experienced technician of the firm certified by the NEBB.
Design Quality Control Manager	Registered Architect or Professional Engineer

D. Additional Requirements: In addition to the above experience and education requirements, the CQC System Manager and Alternate CQC System Manager are required to have completed the Construction Quality Management (CQM) for Construction course. If the CQC System Manager does not have a current specification, obtain the CQM for Contractors course identification within 90 days of award. This course is periodically offered by the Naval Facilities Engineering Command and the Army Corps of Engineers. Contact the Contracting Officer or Authorized designee for information on the next scheduled class.

E. Organizational Changes: Maintain the CQC staff at full strength at all times. When it is necessary to make changes to the CQC staff, revise the CQC Plan to reflect the changes and submit the changes to the Contracting Officer or Authorized designee for acceptance.

1.5 **SUBMITTALS AND DELIVERABLES:** Submittals have to comply with the requirements in Section 01 33 23 Shop Drawings, Product Data, and Samples. The CQC organization is responsible for certifying that all submittals and deliverables are in compliance with the contract requirements. When Section 01 91 00 General Commissioning Requirements

is included in the contract, the submittals required by the section have to be coordinated with the Section 01 33 23 Shop Drawings, Product Data, and Samples to ensure adequate time is allowed for each type of submittal required.

**1.6 CONTROL:**

A. CQC is the means by which the Contractor ensures that the construction, to include that of subcontractors and suppliers, complies with the requirements of the contract. At least three phases of control are required to be conducted by the CQC System Manager for each definable feature of the construction work as follows:

1. Preparatory Phase: This phase is performed prior to beginning work on each definable feature of work after all required plans/documents/materials are approved/accepted, and after copies are at the work site. This phase includes:
  - a. A review of each paragraph of applicable specifications, references codes, and standards. Make available during the preparatory inspection a copy of those sections of referenced codes and standards applicable to that portion of the work to be accomplished in the field. Maintain and make available in the field for use by Government personnel until final acceptance of the work.
  - b. Review of the Contract drawings.
  - c. Check to assure that all materials and equipment have been tested, submitted, and approved.
  - d. Review of provisions that have been made to provide required control inspection and testing.
  - e. Review Special Inspections required by Section 01 45 35 Special Inspections, that Statement of Special Inspections and the Schedule of Specials Inspections.
  - f. Examination of the work area to assure that all required preliminary work has been completed and is in compliance with the Contract.
  - g. Examination of required materials, equipment, and sample work to assure that they are on hand conform to approved shop drawings or submitted data, and are properly stored.
  - h. Review of the appropriate Activity Hazard Analysis (AHA) to assure safety requirements are met.

- i. Discussion of procedures for controlling quality of the work including repetitive deficiencies. Document construction tolerances and workmanship standards - contract defined or industry standard if not contract defined - for that feature of work.
  - j. Check to ensure that the portion of the plan for the work to be performed has been accepted by the Contracting Officer.
  - k. Discussion of the initial control phase.
  - l. The Government needs to be notified at least 48 hours or 2 business days in advance of beginning the Preparatory control phase. Include a meeting conducted by the CQC System Manager and attended by the superintendent, other CQC personnel (as applicable), and the foreman responsible for the definable feature. Document the results of the Preparatory phase actions by separate minutes prepared by the CQC System Manager and attach to the daily CQC report. Instruct applicable workers as to the acceptable level of workmanship required in order to meet contract specifications.
- B. Initial Phase: This phase is accomplished at the beginning of a definable feature of work. Accomplish the following:
1. Check work to ensure that it is in full compliance with contract requirements. Review minutes of the Preparatory meeting.
  2. Verify adequacy of controls to ensure full contract compliance. Verify the required control inspection and testing is in compliance with the contract.
  3. Establish level of workmanship and verify that it meets minimum acceptable workmanship standards. Compare with required sample panels as appropriate.
  4. Resolve all differences.
  5. Check safety to include compliance with an upgrading of the safety plan and activity hazard analysis. Review the activity analysis with each worker.
  6. The Government needs to be notified at least 48 hours or 2 business days in advance of beginning the initial phase for definable features of work. Prepare separate minutes of this phase by the CQC System Manager and attach to the daily CQC report. Indicate the exact location of initial phase for definable feature of work for future reference and comparison with Follow-Up phases.

7. The initial phase for each definable feature of work is repeated for each new crew to work onsite, or any time acceptable specified quality standards are not being met.
  8. Coordinate scheduled work with Special Inspections required by Section 01 45 35 Special Inspections, the Statement of Special Inspections, and the Schedule of Special Inspections.
- C. Follow-Up Phase: Perform daily checks to assure control activities, including control testing, are providing continued compliance with contract requirements until the completion of the particular feature of work. Record the checks in the CQC documentation. Conduct final Follow-Up checks and correct all deficiencies prior to the start of additional features of work which may be affected by the deficient work. Do not build upon nor conceal non-conforming work. Coordinate scheduled work with Special Inspections required by Section 01 45 35 Special Inspections, the Statement of Special Inspections, and the Schedule of Special Inspections
- D. Additional Preparatory and Initial Phases on the same definable features of work if: the quality ongoing work is unacceptable; if there are changes in the applicable CQC staff, onsite production supervision or work crew; if work on a definable feature is resumed after a substantial period of inactivity, or if other problems develop.

#### **1.7 TESTS**

- A. Testing Procedure: Perform specified or required tests to verify that control measures are adequate to provide a product which conforms to contract requirements. Upon request, furnish to the Government duplicate samples of test specimens for possible testing by the Government. Testing includes operation and acceptance test when specified. Procure the services of a Department of Veteran Affairs approved testing laboratory or establish an approved testing laboratory at the project site. Perform the following activities and record and provide the following data:
1. Verify that testing procedures comply with contract requirements.
  2. Verify that facilities and testing equipment are available and comply with testing standards.
  3. Check test instrument calibration data against certified standards.
  4. Verify that recording forms and test identification control number system, including all of the test documentation requirements, have been prepared.

5. Record results of all tests taken, both passing and failing on the CQC report for the date taken. Specification paragraph reference, location where tests were taken, and the unique sequential control number identifying the test. If approved by the Contracting Officer or Authorized designee, actual test reports are submitted later with a reference to the test number and date taken. Provide an information copy of tests performed by an offsite or commercial test facility directly to the Contracting Officer or Authorized designee. Failure to submit timely test reports as stated results in nonpayment for related work performed and disapproval of the test facility for this Contract.
- B. Testing Laboratories: All testing laboratories must be validated through the procedures contained in Specification section 01 45 29 Testing Laboratory Services.
1. Capability Check: The Government reserves the right to check laboratory equipment in the proposed laboratory for compliance with the standards set forth in the contract specifications and to check the laboratory technician's testing procedures and techniques. Laboratories utilized for testing soils, concrete, asphalt and steel is required to meet criteria detailed in ASTM D3740 and ASTM E329.
  2. Capability Recheck: If the selected laboratory fails the capability check, the Contractor will be assessed a charge equal to value of recheck to reimburse the Government for each succeeding recheck of the laboratory or the checking of a subsequently selected laboratory. Such costs will be deducted from the Contract amount due the Contractor.
- C. Onsite Laboratory: The Government reserves the right to utilize the Contractor's control testing laboratory and equipment to make assurance tests, and to check the Contractor's testing procedures, techniques, and test results at no additional cost to the Government.

#### **1.8 COMPLETION INSPECTION**

- A. Punch-Out Inspection: Conduct an inspection of the work by the CQC system Manager near the end of the work, or any increment of the work established by a time stated FAR 52.211-10 - Commencement, Prosecution, and Completion of Work, or by the specifications. Prepare and include in the CQC documentation a punch list of items which do not conform to the approved drawings and specifications. Include within the list of deficiencies the estimated date by which the deficiencies will be

corrected. Make a second inspection the CQC System Manager or staff to ascertain that all deficiencies have been corrected. Once this is accomplished, notify the Government that the facility is ready for the Government Pre-Final Inspection.

- B. Pre-Final Inspection: The Government will perform the Pre-Final Inspection to verify that the facility is complete and ready to be occupied. A Government Pre-Final Punch List may be developed as a result of this inspection. Ensure that all items on this list have been corrected before notifying the Government, so that a Final Acceptance Inspection with the customer can be scheduled. Correct any items noted on the Pre-Final Inspection in a timely manner. These inspections and any deficiency corrections required by this paragraph need to be accomplished within the time slated for completion of the entire work or any particular increment of the work if the project is divided into increments by separate construction completion dates.
- C. Final Acceptance Inspection: The Contractor's QC Inspection personnel, plus the superintendent or other primary management person, and the Contracting Officer's Authorized designee is required to be in attendance at the Final Acceptance Inspection. Additional Government personnel can also be in attendance. The Final Acceptance Inspection will be formally scheduled by the Contracting Officer's or Authorized designee based upon results of the Pre-Final Inspection. Notify the Contracting Officer through the Resident Engineer office at least 14 days prior to the Final Acceptance Inspection and include the Contractor's assurance that all specific items previously identified to the Contractor as being unacceptable, along with all remaining work performed under the contract, will be complete and acceptable by the date schedule for the Final Acceptance Inspection. Failure of the Contractor to have all contract work acceptably complete for this inspection will be cause for the Contracting Officer to bill the Contractor for the Government's additional inspection cost in accordance with FAR Clause 52.246-12 titled "Inspection of Construction".

#### 1.9 DOCUMENTATION

- A. Quality Control Activities: Maintain current records providing factual evidence that required QC activities and tests have been performed.

Include in these records the work of subcontractors and suppliers on an acceptable form that includes, as a minimum, the following information:

1. The name and area of responsibility of the Contractor/Subcontractor
  2. Operating plant/equipment with hours worked, idle, or down for repair.
  3. Work performed each day, giving location, description, and by whom. When Network Analysis (NAS) is used, identify each phase of work performed each day by NAS activity number.
  4. Test and control activities performed with results and references to specification/drawing requirements. Identify the Control Phase (Preparatory, Initial, and/or Follow-Up). List deficiencies noted, along with corrective action.
  5. Quantity of materials received at the site with statement as to acceptability, storage, and reference to specification/drawing requirements.
  6. Submittals and deliverables reviewed, with Contract reference, by whom, and action taken.
  7. Offsite surveillance activities, including actions taken.
  8. Job safety evaluations stating what was checked, results, and instructions or corrective actions.
  9. Instructions given/received and conflicts in plans and specifications.
  10. Provide documentation of design quality control activities. For independent design reviews, provide, as a minimum, identification of the Independent Technical Reviewer (ITR) team, the ITR review comments, responses, and the record of resolution of the comments.
- B. Verification Statement: Indicate a description of trades working on the project; the number of personnel working; weather conditions encountered; and any delays encountered. Cover both conforming and deficient features and include a statement that equipment and materials incorporated in the work and workmanship comply with the Contract. Furnish the original and one copy of these records in report form to the Government daily with 1 week after the date covered by the report, except that reports need not be submitted for days on which no work is performed. As a minimum, prepare and submit on report for every 7 days of no work and on the last day of a no work period. All calendar days need to be accounted for throughout the life of the contract. The first report following a day of no work will be for that day only. Reports

need to be signed and dated by the CQC System Manager. Include copies of test reports and copies of reports prepared by all subordinate QC personnel within the CQC System Manager Report.

**1.10 SAMPLE FORMS**



**014500 Referenced  
Example Form Templa**

- 1.11 **NOTIFICATION OF NONCOMPLIANCE:** The Contracting Officer or Authorized designee will notify the Contractor of any detected noncompliance with the foregoing requirements. The Contractor should take immediate corrective action after receipt of such notice. Such notice, when delivered to the Contractor at the work site will be deemed sufficient for the purpose of notification. If the Contractor fails or refuses to comply promptly, the Contracting Officer can issue an order stopping all or part of the work until satisfactory corrective action has been taken. No part of the time lost due to such stop orders will be made the subject of claim for extension of time or for excess costs or damages by the Contractor.

--- End of Section ---



**SECTION 08 33 13**  
**COILING COUNTER DOORS**

**PART 1 - GENERAL**

**1.1 SUMMARY**

A. Section Includes:

Coiling counter doors in non-rated, fire-rated and  
smoke-rated partitions.

Manual push up operation and crank up operation.

**1.2 RELATED REQUIREMENTS**

A. Not Used.

B. Not Used.

C. Lock Cylinder and Keying: Section 08 71 00, DOOR HARDWARE.

D. Coiling Counter Door Color: Color Schedule, Construction Drawings or as  
indicated herein.

**1.3 APPLICABLE PUBLICATIONS**

A. Comply with references to extent specified in this section.

B. American Welding Society (AWS):

D1.1/D1.1M-15 - Structural Welding Code - Steel.

D1.2/D1.2M-14 - Structural Welding Code - Aluminum.

D1.3/D1.3M-08 - Structural Welding Code - Sheet Steel.

C. ASTM International (ASTM):

A47/A47M-99(2014) - Ferritic Malleable Iron Castings.

A48/A48M-03(2012) - Gray Iron Castings.

A53/A53M-12 - Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded  
and Seamless.

A240/A240M-15b - Chromium and Chromium-Nickel Stainless Steel Plate,  
Sheet, and Strip for Pressure Vessels and for General Applications.

A653/A653M-15 - Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron  
Alloy-Coated (Galvannealed) by the Hot-Dip Process.

B209-14 - Aluminum and Aluminum-Alloy Sheet and Plate.

B209M-14 - Aluminum and Aluminum-Alloy Sheet and Plate (Metric).

B221-14 - Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire,  
Profiles, and Tubes.

B221M-13 - Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire,  
Profiles, and Tubes (Metric).

D1187/D1187M-97(2011)e1 - Asphalt-Base Emulsions for Use as Protective Coatings for Metal.

F468-13 - Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use.

F468M-06(2012) - Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use (Metric).

F593-13a - Stainless Steel Bolts, Hex Cap Screws, and Studs.

D. Master Painters Institute (MPI):

No. 18 - Primer, Zinc Rich, Organic.

E. National Association of Architectural Metal Manufacturers (NAAMM):

AMP 500-06 - Metal Finishes Manual.

F. National Fire Protection Association (NFPA):

80-16 - Fire Doors and Other Opening Protectives.

105-16 - Smoke Door Assemblies and Other Opening Protectives.

252-12 - Fire Tests of Door Assemblies.

G. UL LLC (UL):

1784-15 - Air Leakage Tests of Door Assemblies and Other Opening Protectives.

#### 1.4 SUBMITTALS

A. Submittal Procedures: Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.

B. Submittal Drawings:

Show size, configuration, and fabrication and installation details.

C. Manufacturer's Literature and Data:

Description of each product.

Installation instructions.

D. Not Used

E. Operation and Maintenance Data:

Maintenance, troubleshooting, and emergency instructions for each operational product.

#### 1.5 QUALITY ASSURANCE

A. Welders and Welding Procedures Qualifications: AWS D1.1/D1.1M.

#### 1.6 DELIVERY

A. Deliver products in manufacturer's original sealed packaging.

B. Mark packaging, legibly. Indicate manufacturer's name and manufacture date.

- C. Before installation, return or dispose of products within distorted, damaged, or opened packaging.

**1.7 STORAGE AND HANDLING**

- A. Store products indoors in dry, weathertight facility.
- B. Protect products from damage during handling and construction operations.

**1.8 FIELD CONDITIONS**

- A. Field Measurements: Verify field conditions affecting coiling counter door fabrication and installation. Show field measurements on Submittal Drawings.  
Coordinate field measurement and fabrication schedule.

**1.9 WARRANTY**

- A. Construction Warranty: Contractor's labor and material warranty, FAR clause 52.246-21, "Warranty of Construction", as follows:
  - 1. Standard Warranty: Two years from date of shipment against defects in material and workmanship.
  - 2. Maintenance: Submit for owner's consideration and acceptance of a maintenance service agreement for installed products

**PART 2 - PRODUCTS**

**2.1 SYSTEM PERFORMANCE**

- A. Design coiling counter doors complying with specified performance:
  - Operation Cycles: 20,000 minimum.
- B. Fire Rated Doors:
  - Fire Resistance Rating: As shown in Door Schedule.
  - Label: Comply with NFPA 252, labeled by qualified testing and inspection agency showing fire resistance rating.
  - Smoke Control: Doors that have been tested according to UL 1784 and are labeled for smoke and draft control.
  - Maximum Air Leakage: 0.01524 cu. m/s/sq. m (3.0 cfm/sq. ft.) of door opening at 24.9 Pa (0.10inch wg).

**2.2 PRODUCTS - GENERAL**

- A. Basis of Design: Manufacturer:
  - 1. Cookson: 1901 South Litchfield Road, Goodyear, AZ 85338. Telephone: (800) 294-4358, or approved equal.

- a. Non-rated: Model ESC10
- b. Fire rated: Model ERC10
- B. Provide coiling counter doors from one manufacturer.
- C. Not Used

### 2.3 MATERIALS

- A. Not Used
- B. Stainless Steel: ASTM A240/A240M, Type 302 or Type 304.
- C. Galvanized Steel: ASTM A653/A653M; G40 galvanized coating.
- D. Steel Pipe: ASTM A53/A53M.
- E. Casting: ASTM A47/A47M or ASTM A48/A48M.

### 2.4 COILING COUNTER DOORS

- A. Fire-Rated Coiling Counter Doors:

Door assembly including door, frame, counter, hood, and fascia, for automatic closing by fusible link.

Installation: As indicated on the Construction Drawings.

Door and Frame: Galvanized steel.

Door:

Flat slats 38 mm (1-1/2 inches) wide.

Galvanized Steel: Minimum 0.71 mm (0.029 inch) thick. by 1/2 inch (13 mm) deep, minimum 22-gauge ASTM A 653, Commercial Quality, galvanized steel with extruded tubular aluminum bottom bar with continuous lift handle and vinyl astragal

Bottom Bar: Provide recessed flush handles, recessed slide bolt at one end key operated cylinder lock at the other end, and continuous flexible bottom seal. Lock cylinder specified in Section 08 71 00, DOOR HARDWARE.

End-locks: Fabricate interlocking slat sections with high strength molded nylon end-locks riveted to ends of alternate slats

Frame: Stainless steel sections formed to include guide slots for door with receiver for bolts and lock and continuous closure angles.

Guides: Aluminum: Heavy duty extruded aluminum sections with snap-on cover to conceal fasteners. Provide polypropylene pile runners on both sides of curtain to eliminate metal to metal contact between guides and curtain.

Hood and Fascia: Sheet metal formed with beads or flanges to prevent deflection.

Galvanized Steel: Minimum 0.61 mm (0.0239 inch) thick.

Counterbalance Assembly:

Barrel: Spring barrel or shaft of steel pipe of sufficient strength to ensure deflection not exceeding 1/400 of span. Steel pipe capable of supporting curtain load with maximum deflection of 0.03 inches per foot (2.5 mm per meter) of width.

Spring: Oil-tempered, heat-treated steel helical torsion spring assembly designed for proper balance of door to ensure that maximum effort to operate will not exceed 25 lbs. (110 N).

Provide wheel for applying and adjusting spring torque.

Brackets: minimum 3 mm (0.125 inch) thick steel forming end closure supports.

Automatic Closing: Automatic closing device actuated by fusible link to release coiling counter door at 54 degrees C (130 degrees F). Locate fusible links on both sides of door opening according to NFPA 80.

Operation:

Manual push-up for openings less than 2130 mm (7 feet) wide.

Crank for openings over 2130 mm (7 feet) wide.

B. Non-Fire-Rated Coiling Counter Doors:

Door assembly including door, frame, counter, hood and fascia.

Installation: As indicated on the Construction Drawings.

Door:

Flat slats 38 mm (1-1/2 inches) wide.

Galvanized Steel: Minimum 0.71 mm (0.029 inch) thick by 1/2 inch (13 mm) deep, minimum 22-gauge ASTM A 653, Commercial Quality, galvanized steel with extruded tubular aluminum bottom bar with continuous lift handle and vinyl astragal.

Bottom Bar: Provide recessed flush handles, recessed slide bolt at one end key operated cylinder lock at the other end, and continuous flexible bottom seal. Lock cylinder specified in Section 08 71 00, DOOR HARDWARE.

Frame: Stainless Steel sections formed to include guide slots for door with receiver for bolts and lock and continuous closure angles.

Guides: Aluminum: Heavy duty extruded aluminum sections with snap-on cover to conceal fasteners. Provide polypropylene pile runners on both sides of curtain to eliminate metal to metal contact between guides and curtain.

Hood and Fascia: Steel sheet formed with beads or flanges to prevent deflection.

Galvanized Steel: Minimum 0.61 mm (0.0239 inch) thick.

Counterbalance Assembly:

Barrel: Spring barrel or shaft of steel pipe of sufficient strength to ensure deflection not exceeding 1/400 of span. Steel pipe capable of supporting curtain load with maximum deflection of 0.03 inches per foot (2.5 mm per meter) of width.

Spring: Oil-tempered, heat-treated steel helical torsion spring assembly designed for proper balance of door to ensure that maximum effort to operate will not exceed 25 lbs. (110 N).

Provide wheel for applying and adjusting spring torque.

Brackets: Minimum 3 mm (0.125 inch) thick steel forming end closure supports.

Operation:

Manual push-up for openings less than 2130 mm (7 feet) wide.

Crank for openings over 2130 mm (7 feet) wide.

## 2.5 FINISHES

- A. Galvanized Steel: Apply phosphate treatment and corrosion inhibitive primer. ASTM A 653 galvanized base coating treated with dual process rinsing agents in preparation for chemical bonding, gray baked-on base coat and gray baked-on polyester finish coat  
Zirconium treatment followed by baked-on polyester powder coat, with color as selected by Architect from manufacturer's standard color range, minimum 2.5 mils (0.065 mm) cured film thickness; ASTM D-3363 pencil hardness: H or better
- B. Stainless Steel: NAAMM AMP 500; No. 4 polished finish.
- C. Blend welds to match adjacent finish.

## 2.6 ACCESSORIES

- A. Welding Materials: AWS D1.1, type to suit application.
- B. Fasteners: ASTM F468M (ASTM F468) and ASTM F593.  
Use stainless steel bolts to secure aluminum and stainless steel components.  
Use toggle bolts to secure door to framed walls and hollow masonry.  
Use expansion bolts to secure doors to solid masonry and concrete.
- C. Galvanizing Repair Paint: MPI No. 18.
- D. Touch-Up Paint: Match shop finish.

**PART 3 - EXECUTION**

**3.1 PREPARATION**

- A. Examine and verify substrate suitability for product installation.
- B. Protect existing construction and completed work from damage.

**3.2 COILING COUNTER DOOR INSTALLATION**

- A. Install products according to manufacturer's instructions and approved submittal drawings.  
Install fire-rated doors to comply with NFPA 80.  
Install smoke-control doors to comply with NFPA 80 and NFPA 105.  
When manufacturer's instructions deviate from specifications, submit proposed resolution for Contracting Officer's Representative consideration.
- B. Locate anchors and inserts for guides, brackets, supports, hardware, and other accessories and components accurately.
- C. Securely attach guides to adjoining construction with minimum 10 mm (3/8 inch) diameter bolts, spaced maximum 600 mm (24 inches) on center.
- D. Isolate aluminum in contact with dissimilar metal, concrete and masonry by painting with coat of barrier primer.
- E. Touch up damaged factory finishes.  
Repair galvanized surfaces with galvanized repair paint.  
Repair painted surfaces with touch up paint.
- F. Lubricate and adjust units to operate freely.

**3.3 FIELD QUALITY CONTROL**

- A. Field Tests: Test fire-rated coiling counter door closing and reset device after test is successfully completed.

**3.4 CLEANING**

- A. Clean exposed coiling counter door surfaces. Remove contaminants and stains.
- B. Polish exposed stainless steel surfaces.

**3.5 PROTECTION**

- A. Protect coiling counter doors from construction operations.
- B. Remove protective materials immediately before acceptance.
- C. Repair damage.

- - E N D - -

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**1. PROPRIETARY PRODUCT/MANUFACTURER**

- 1.1. **Proprietary Product:** Tarkett Event Series Luxury vinyl floor covering with reinforced polyurethane coating to deliver extreme durability and ease of maintenance in high traffic environments.
- 1.2. **Suitable for commercial working environments and office:**
- Education – K-12 and University: Classrooms, corridors, multipurpose rooms, laboratories, cafeterias, lavatories
  - Offices – Break rooms, offices, corridors, cafeterias, lavatories
  - Retail – Sales areas, offices
  - Healthcare – Hospitals, Assisted Living, Outpatient Clinics, Pharmacies
  - Hospitality – Corridors, vending areas, lobbies
- 1.3. **Manufacturer:**
- Tarkett North America Phone (800) 899-8916  
30000 Aurora Rd.  
Solon, Ohio 44139  
Web: [www.tarkettna.com](http://www.tarkettna.com)  
E-mail: [info@tarkett.com](mailto:info@tarkett.com)

**1.3. Proprietary Product Description:**

- 1.3.1. **Construction:** Tarkett Event Series is constructed with a 30 mil reinforced polyurethane finish in numerous wood and stone patterns to provide an affordable, natural looking flooring that is stocked for faster turnaround times.
- 1.3.2. **Styles:**
- **Finish:** Reinforced Polyurethane
  - **Wear layer thickness:** 30 mil (0.76 mm)
  - **Edge treatment:** Square Edge (SE), optional Slight Bevel (SB)
  - **Overall thickness:** 0.120" (3.0 mm)
  - 32 Wood / 24 Stone patterns

**2. PERFORMANCE AND TECHNICAL DATA**

- 2.1 Meets ASTM F1700, Class III, Type B performance
- 2.2 **Static Load Limit (ASTM F970):** 250 psi,  $\leq 0.005"$
- 2.3 **Residual Indentation (ASTM F1914):** Passes
- 2.4 **Static Coefficient of Friction (ASTM D2047):** SCOF  $\geq 0.5$
- 2.5 **Dimensional Stability (ASTM F2199):** Passes
- 2.6 **Resistance to Heat (ASTM F1514):**  $\Delta\Sigma \leq 8.0$

- 2.7 **Resistance to Light (ASTM F1515):**  $\Delta\Sigma \leq 8.0$

- 2.8 **Chemical Resistance (ASTM F925):** Passes

**2.9 Fire Resistance:**

- ASTM E648: CRF  $\geq 0.45$  watts/cm<sup>2</sup> NFPA, Class I

**3. INSTALLATION**

- 3.1 See Tarkett Contour/Event/Latitude/Resolve installation instructions for complete details.

**3.2 Adhesives:**

- **Tarkett RollSmart™ Adhesive:**  
Application: 3/8" nap paint roller  
Approximate coverage: 350 - 400 sq. ft. per gallon
- **Tarkett 959 Adhesive:**  
Application: 1/16x1/16x1/16 V notch trowel  
Approximate Coverage:  
POROUS: 150 - 175 sq ft. per gallon  
NON POROUS: 250 - 300 sq. ft. per gallon
- **Tarkett 975 Two-Part Polyurethane Adhesive:**  
Application: 1/32x1/16x1/32 U notch trowel  
Approximate Coverage: 225 - 250 sq. ft. per gallon

**4. AVAILABILITY AND COST**

Available through authorized Tarkett distributors nationwide.

**5. MAINTENANCE**

72 hours after installation is completed, initial maintenance procedures must be implemented in accordance with manufacturer's requirements. Refer to Tarkett Contour/Event/Latitude/Resolve Maintenance Instructions for complete maintenance details.

**6. TECHNICAL SERVICES**

Visit us on the web at [www.tarkettna.com](http://www.tarkettna.com)  
Contact Technical Support at (800) 899-8916 or E-mail: [Resilient.TechnicalSupport@Tarkett.com](mailto:Resilient.TechnicalSupport@Tarkett.com)

**Samples:** Submittal samples for verification and approval available upon request from Tarkett. Samples shall be submitted in compliance with the requirements of the contract documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

**7. LIMITED WARRANTY**

Limited 20 year warranty. For complete details, contact Tarkett or an authorized Tarkett distributor.



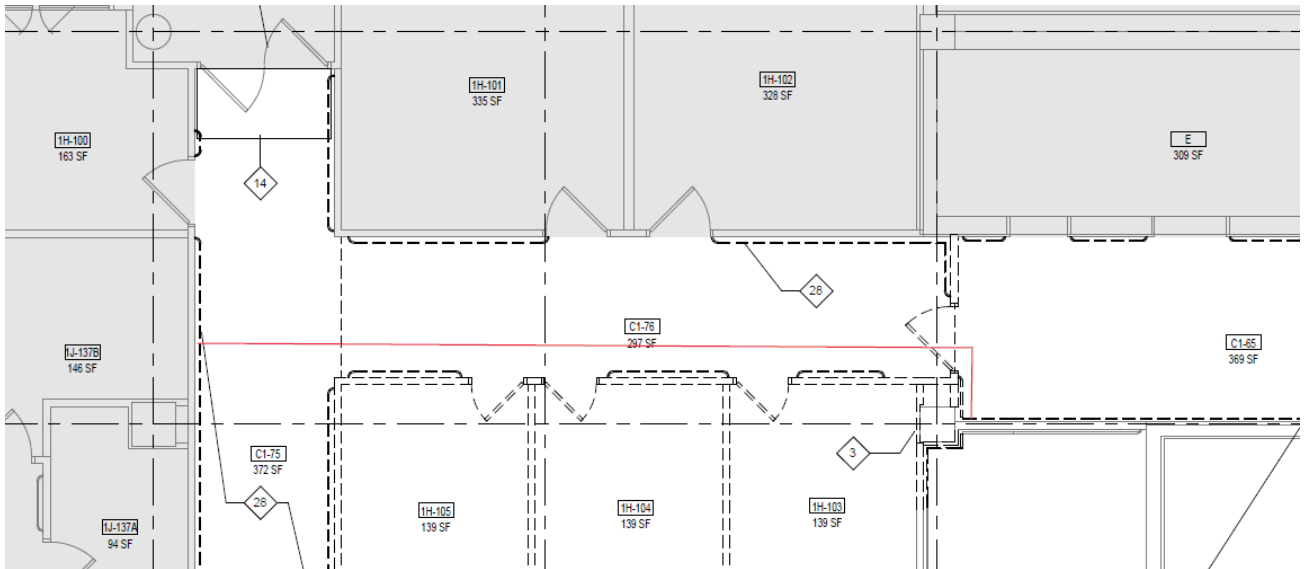
### List of Addendum Items for Project 618-17-127 Renovate Mental Health Inpatient Ward

#### Civil Revision Items

1. Add VA drawings and scope of work to 1K exercise yard to contract documents.

#### Phasing Revision

1. Delete installation of door C1-57F and associated temp wall during phase 1 and 2, install during phase 3. Omit Card Reader shown on LV sheets.
2. Install construction barrier as noted below during phase 2 work. Complete the remainder of the finishes update in corridor C1-76 and C1-65 in multiple short phases to ensure access to area L through these corridors during phase 2. Limited complete corridor shutdown during off hours(8PM to 5AM) are acceptable to replace corridor flooring and ceilings and demolish cross corridor walls, etc.

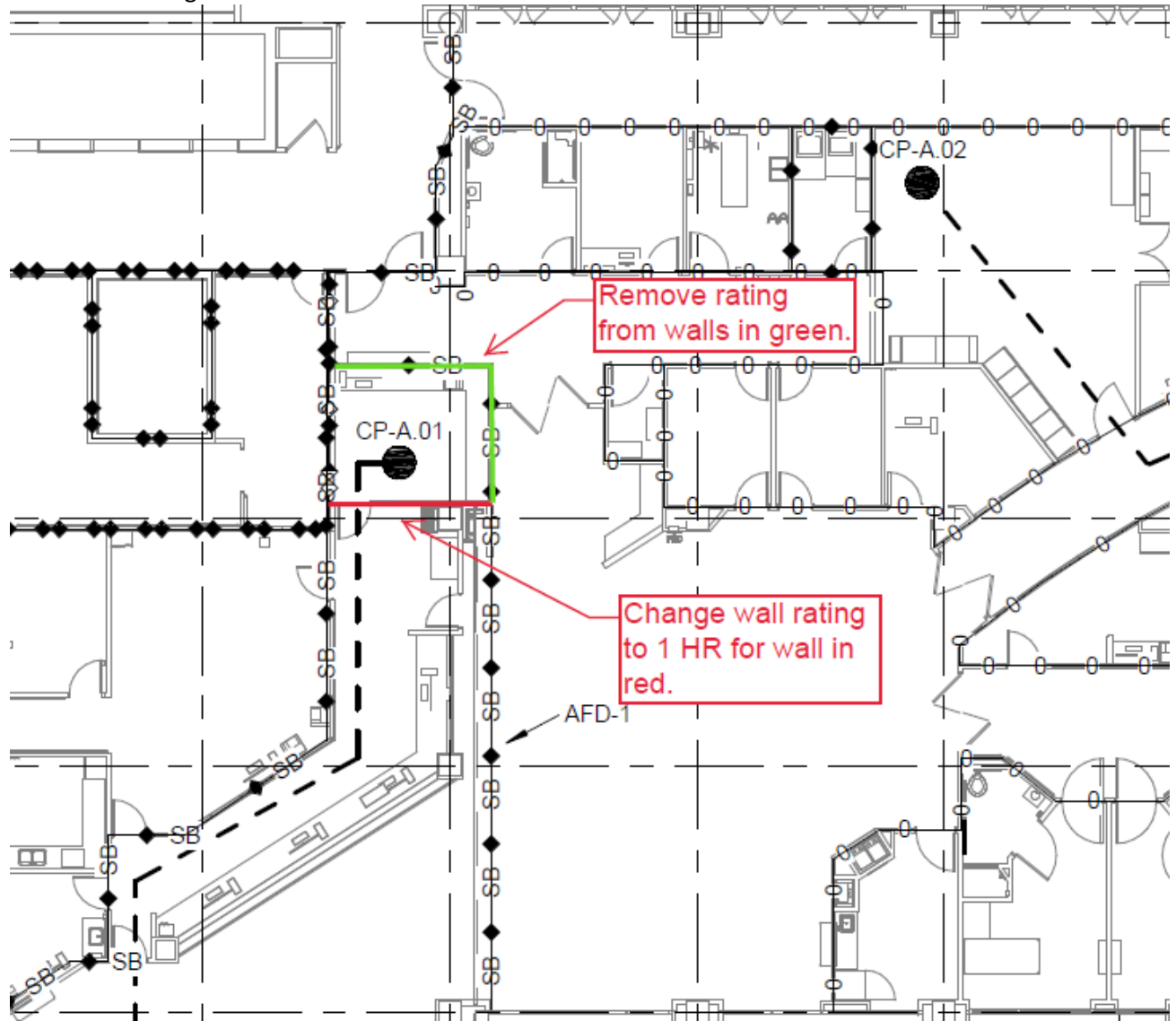


3. Retrofit phase 1 sally port door with auto operator. Door should match inner sally port door in function and capability.

Architectural Revision Items:

Sheet G101

Revise wall rating at MSA room 1H-110B:



Sheet A701

1. Door 1K-118 to have frame type 6.
2. Door C1-61D Hardware Group to change to HW-12C
3. Door 1L-108 Hardware Group to change to 12H.1. Add 45 Minute Rating.
4. Door 1H-110E Hardware Group to change to HW-1Y. Add 45 Minute Rating.
5. Door C1-64 add 45 Minute Rating
6. Door 1L-106 add 45 Minute Rating
7. Door 1L-140 add 45 Minute Rating
8. Door C1-57C add 45 Minute Rating
9. Door 1K-120 add 45 Minute Rating
10. Door C1-67 add 45 Minute Rating

Sheet A702

1. Change glass type for windows W4, W7 and W21 to rated glass. More info to come in future addendum.

Sheet AF002

1. Add note in rooms C1-313 and 314 that existing paint and tile needs to be matched at wall infills.

Low Voltage Revision Items

General Note

1. Add general note that all existing and new wireless access points of all types, need to be outfitted with Anti-ligature covers in all areas.

Sheet LV101

1. Add note- Phase 3 nurse call, camera and staff assist systems to be temporarily installed during phase 1 for use during phase 2. Systems to be salvaged for reinstallation during phase 3. Confirm layout of each temp system with COR.

Sheet LV 102

1. Add CR Symbol on Corridor side of MD Office Door 1H-111

Sheet LV 103

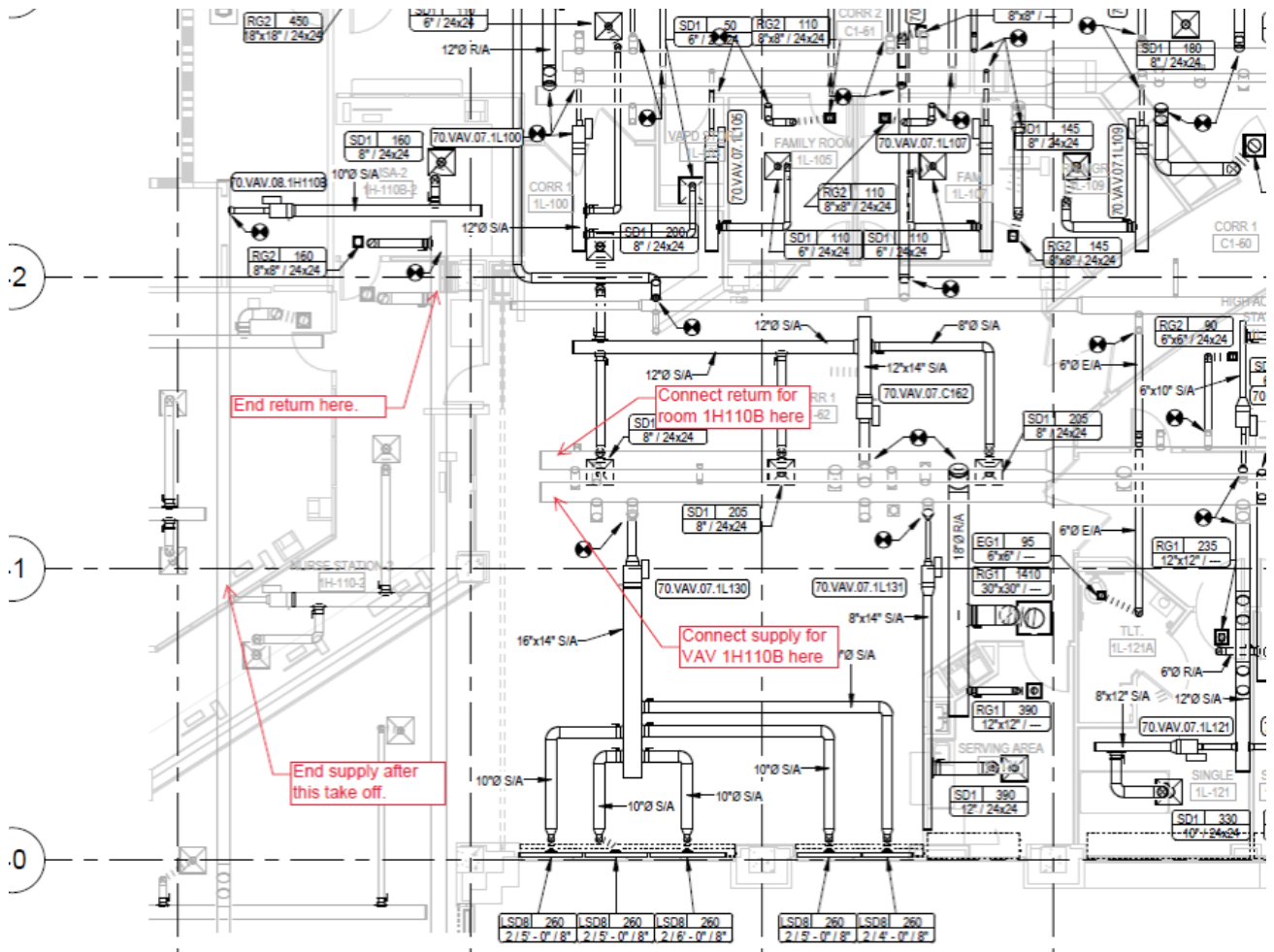
1. Add WB symbol at rooms 1K-104, 1K-105 and 1K-106
2. Delete CR symbol at room 1K-119
3. Add interior and exterior CR symbol at door 1K-118

Sheet LV 104

1. Add interior CR symbol at doors 1L-110 and 1L-112
2. Add CR symbol on corridor C1-57 side of doors C1-60B and C1-59B
3. Add CR symbol on C1-60 side of door C1-60A
4. Add CR symbol on C1-59 side of C1-59A. Add DA symbol for door C1-59A.
5. Add note for remote release button RI at High Acuity Nurse Station for door C1-59A.
6. Add CR Symbol for door C1-57C on corridor C1-57 side.
7. Add DH Symbol in room 1L-140

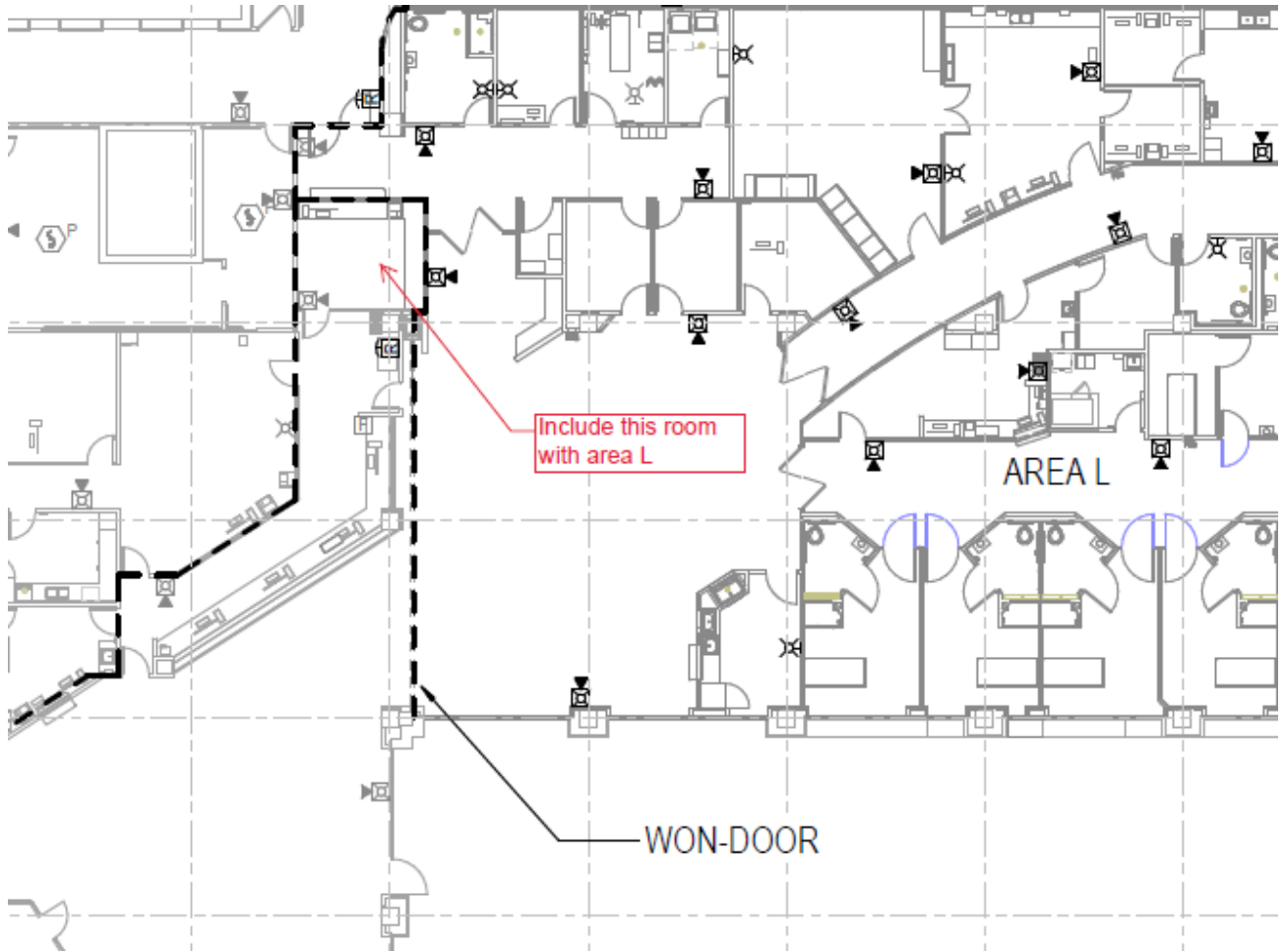
Mechanical Items

1. Add general note H requiring all Duct mains to remain will be cleaned.
2. Room 1H-110B is to be fed from AHU 70.AHU.07.



Electrical

1. Copy note 16 from sheet EP106-P3 on power for Pneumatic Tube Station and add to sheet EP104-P2 Work Room 1H-110A
2. "Greyed" outlets at the new nurses station desk on sheet EP102-P1 are new and to be provided and installed with new desk.
3. Note that new VFD and Motor are to be install/connected for return air fan, reuse existing circuits. Missing note missing from sheet EP103-P2
4. Room 1H-110B on sheet FA100 is to be included with area L not area K.



Specifications

87100

Hardware Group HW-12C

1. Delete the following as noted:

Notes: ~~ALL HARDWARE BY SECTION 08 17 10, INTEGRATED DOOR ASSEMBLIES~~. DOORS TO HAVE EXIT ONLY EXIT DEVICES X MAGNETIC LOCKS ~~AND CLOSERS~~. CARD READER DROP BOTH SIDES. COMPLY WITH NECESSARY CODE REQUIREMENTS. OMIT CARD READER AND ADD REMOTE RELEASE ONLY AT C1-61, C1-64. C1-61 AND C1-64 WILL BE ON A RELAY FOR INTERLOCK. CLOSERS REQUIRED.

Add the following:

HW-12C

Each Pair Integrated Double Egress Doors to Have:	RATED
1 Steel Frame	-

Each Pair Integrated Double Egress Doors to Have:	RATED
1 Integrated Pair Doors w/Elec Exit Exit Devices	Q2331 x TYPE 8 (E04) ELECTRIC EXIT DEVICES (F01)
2 Continuous Hinges	A51031B
Electric Power Transfer	EPT 10
1 Overlapping Astragal with Self-Adhesive Seal	R5Y634 x R0E154 x THRU-BOLTS
1 Set Self-Adhesive Seals	R0E154
2 Key Switch	

1. Power, wiring, conduit, and fire alarm connection by Division 26.
  - a. Power transfer shared by electric panic and re-activation sensor wiring (re-activation sensors provided by Section 08 71 13).
  - b. Auto door operator and controls by Section 08 71 13, AUTOMATIC DOOR OPERATORS.
  - c. Key switch to allow 1 door to open at a time with key.

#### Hardware Group HW-12H.1

1. Provide hold open closers for doors C1-59A and C1-60A.
2. No Card Readers required for door 1L-108

088000

Fire Rated glazing is required for doors in rated walls and windows. Add rated glass type for windows W4, W7 and W21 and for glass in all rated doors. More info to come in future addendum.

149200

Pneumatic Tube Stations are to be removed and reinstalled. New stations are not needed as the existing stations were recently upgraded.

# TECHNICAL QUESTIONS AND RESPONSE TRACKING SHEET

PROJECT TITLE

36E77620R0050

Minneapolis Renovate Mental Health Ward

QUESTION	QUESTION RECEIVE DATE	QUESTION ANSWERED DATE	CONTRACTOR QUESTIONS	VA RESPONSES TO QUESTIONS
1	2.24.21	2.26.21	<p>I am going through the specifications and have a general comment/question for the documents.</p> <p>Some of the sections have unclear language, mixed up letters, for the headers and titles. Some examples are Sections 08 33 13, 08 56 13, 08 53 53, etc. It can be decoded but it is confusing trying to figure it out.</p> <p>Could you please reissue the specifications with the corrections made?</p>	<p>This was issued through an amendment with the specifications being updated</p>
2	2.24.21	2.26.21	<p>The entire section 09 65 16 is illegible. Could you please reissue the section?</p>	<p>This was issued through an amendment with the specifications being updated</p>
3	3.4.21	3.17.21	<p>The all-glass doors (openings 1K-118, 1L-110, &amp; 1L-112) are called out to be laminated glass. The CR Laurence hardware components detailed on 7/A703 call out for a patch fitting at the bottom of the door and a 1" Slender Rail top rail at the top of the door. These components cannot be used with laminated glass. Please either specify a product that will accommodate laminated glass or confirm that monolithic glass can be used for the all-glass doors.</p>	<p>See future addendum for question response.</p>
4	3.4.21	3.17.21	<p>The all-glass doors (openings 1L-110, &amp; 1L-112) are called out to have a full width top rail and a patch fitting at the bottom of the door. The Glass Association of North America (GANA) engineering guidelines do not recommend using patch fitting hardware on doors over 42" X 102". These doors fall outside of these engineering standards. If full width top and bottom rails are used, we can go up to 42" X 108". Please confirm if using full width top and bottom rails will be acceptable.</p>	<p>See future addendum for question response.</p>
5	3.4.21	3.17.21	<p>Door 1K-130 is called out as type F on the door schedule. 1K-130 is an exterior door. Please confirm if this should be a type E aluminum door.</p>	<p>Door 1K-130 should be type E not F.</p>
6	3.4.21	3.17.21	<p>Door 1K-130 is assumed to be included in spec section 084113 (please confirm). Spec section 084113 calls for a blast rated system and also calls for a thermally broken door. Thermally broken doors will not accommodate a blast rating. Please confirm that a non-thermal door that will accommodate a blast rating will be acceptable.</p>	<p>Section 084113 notes that thermal break is only required at locations where insulating glass is scheduled. No insulating glass is scheduled at this location.</p>



7	3.4.21	3.17.21	Do the exterior window assemblies (frame type 1, & W1) at non-patient rooms require integral blind units or psychiatric rated interior sash panels? For example, frame type 1 is an exterior assembly at the Dining Room. Will integral blinds (glass type IL-1A) be required for the fixed lites? The door assembly can only accept up to a 1" IGU and integral blinds will not fit within the door assembly. Please confirm that this will be acceptable.	Areas required to have intergral blinds are noted as IL1-A on sheet A702. Refer to section 102310 2.01 and section 085113 section 2.01 on psychiatric rated frames.
8	3.4.21	3.17.21	Please provide a list of what frame/window types on A702 go with what specification sections.	102310- 2, 3, 4, 6, W4-7, 9-21 085619- W8 085113/085653-W1, W2, W3 084113/085653-1
9	3.4.21	3.17.21	C1-59A & C1-60A on the door schedule are called out as type A Flush doors. In the "door size" column they call out a narrow vision lite. Please verify if these two doors require glazing.	These doors should be changed to type C
10	3.4.21	3.17.21	Do any of the interior window assemblies require psychiatric rated frames or glazing? For example window types W15, & W16?	Refer to section 102310 2.01 and section 085113 section 2.01
11	3.5.21	3.17.21	The exterior window assemblies are detailed as a curtain wall assembly. The IL-1A glass makeup as specified will not work as detailed. Would it be acceptable to install an interior psychiatric rated sash panel with integral blinds within the curtain wall back-member framing assembly that flushes out with the inside of the curtain wall mullion and install a 1-5/16" tempered and laminated insulated glass units in the glazing pocket of the curtain wall system that would meet the blast ratings? The exterior glazing makeup would be 1/4" tempered glass outboard lite, 1/2" argon filled air space, 1/4" tempered glass, .060 clear PVB interlayer, 1/4" clear tempered glass. The low E/Tint would match the adjacent recently renovated window systems.	The system proposed in the question is acceptable.
12	3.5.21	3.17.21	At the spandrel locations, the glass fabricators will not put ceramic frit on laminated glass due to possible delamination from heat buildup. Will a translucent colored interlayer be acceptable at the spandrel locations so long as it meets the blast requirements?	Spandrel glass(IL1B) needs to match the outdoor lite color and be indishtiguishable from the remainder of the exterior glass adjcent and above(IL1A). The method to make the glass opaque isnt specified. Use of ceramic frit or interlayer is acceptable as long as the window appearance matches adjacent windows and hides structure behind.
13	3.8.21	3.17.21	Plan Sheet 1338-AF101-P1 has note attached to Room 1L-137 stating "Existing Beds to be removed by construction contractor. Relocated. And secure in new locations indicated by COR." We were not given the opportunity to visit Ward L during the limited site visit. Please verify if the beds noted are from Ward L or from Ward K to be relocated.	Ward L will be emptied by the VA prior to construction. Relocation of beds will be from ward K to ward L.
14	3.8.21	3.17.21	If beds are to be relocated from Ward K, how many beds are in current inventory?	Quantity of beds is shown on sheet AF101-P1

15	3.8.21	3.17.21	Plan Sheet 1338-QH100 Equipment Schedule item M7011 denoted Bed Platform to be “Contractor Furnished/Contractor Installed”. Please verify this is correct.	This is correct. Refer to specification section 11 72 13 for more information.
16	3.8.21	3.17.21	Specification Section 11 72 13-3 Paragraph 2.2.3 M7011 Bed, Platform lists Basis of Design manufacturer Safehouse Captain’s Bed. This product is not listed on the Brand Name Sole Source. Is it the government’s intention to exclude this product on the Brand Name list?	More to come in future answers.
17	3.4.21	3.17.21	For the all-glass channel set frame types on A702 (W4 for example), what is the required finish for the channel?	See section 1.5.D of the relevant specification section for finish information.
18	3.4.21	3.17.21	For the interior aluminum framed storefront windows on A702 (W7, W9, W12, W15, & W16), what is the required finish?	See section 1.5.D of the relevant specification section for finish information.
19	3.4.21	3.17.21	The signage schedule on Drawing AF-002 makes reference to the different Sign Types but we could not find a description or details of them in the drawings or specification section 10 14 00. Please direct us where to find them or provide the details of the Basis of Design, if they are not in the construction documents.	Section 10 14 00 2.1 notes that the basis of design shall be Vivid as manufactured by Takeform.
20	3.18.21	3.18.21	Per the plans the width of the Won-Door measures 42’-6” clear, with a narrow lead post door. This design would result in a pocket depth of 110”, not the size shown in the project drawings, which can accommodate up to 40’ in width. We would suggest going to the flat lead post and reduce the opening width to 40’, this would put the pocket depth at 62”. Please respond which solution we should price.	More to come in future addendum 2.
21	3.18.21	3.18.21	Please confirm the commissioning agent will be provided by the VA. The contractor will provide commissioning assist.	Specification 01 91 00 -17 Paragraph 1.8
22	3.18.21	3.18.21	Please confirm we are to include all applicable taxes.	Please include all applicable taxes within your pricing
23	3.18.21	3.18.21	Please confirm the Superintendent can dual hat as the Site Safety and Health Officer.	The Superintendent can also fill the role as SSHO provided they have adequate training and have adequate time to fill both roles per specification. Note any other duties assigned to the superintendent.
24	3.18.21	3.18.21	Is a dedicated Quality Control Manager required for this project?	Quality Control specification 01 45 00 attached. See answer to question 23 also.
25	3.18.21	3.18.21	Specification Section 08 33 13 – Coiling Counter Doors is missing. Please provide.	Specification Section 08 33 13 is provided with these Q & Q.