

**Paycor Stadium General Admission Seating Replacement
Bid Package 1
ITB#028-26
Addendum 3**

May 11, 2026

To All Registered Vendors:

NOTE:

Add the following:

Specifications

01 42 16

Definitions, Standards, and Regulatory Requirements

01 73 00

Execution

Drawings

none

Attachments

None

Questions & Answers

none

Sincerely,

Jill Williams

Jill Williams
Purchasing Director

DIVISION 01 – GENERAL CONDITIONS
SECTION 01 42 16
DEFINITIONS, STANDARDS, AND REGULATORY REQUIREMENTS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section provides definitions and specifies procedural and administrative requirements for compliance with governing regulations and the codes and standards imposed upon the Work. Requirements include obtaining permits, licenses, inspections, releases, and similar documentation, as well as payments, statements, and similar requirements associated with regulations, codes, and standards.

1.2 DEFINITIONS

- A. General Explanation: Definitions and explanations contained in this Section are not necessarily complete or exclusive; they are general for the Work, to the extent they are not stated more explicitly in another element of the Contract Documents. More detailed definitions may be included elsewhere in the Specifications and on the Drawings.
- B. Approve: Where used in conjunction with the Owner's response to submittals, requests, applications, inquiries, reports, and claims by Contractor, the meaning of the word "approved" is held to the limitations of the Owner's responsibilities. "Approval" by the Owner does not release the Contractor from the responsibility to fulfill the requirements of the Contract Documents.
- C. Architect or Engineer: KZF Design, Inc.
- D. Base Contract: "Base Contract" means the original contract between the Contractor and the Owner for this project. "Base Contract" includes the parts of the Work therein, including any Alternates and Unit Prices accepted by the Owner at the time of Contract Award.
- E. Bid Submission Document: Document or form that must be completed and submitted with the Bid. These documents and forms are typically identified in Section 001000 by a box across
- F. City: The City of Cincinnati, Ohio.
- G. Construction Manager: Messer Construction Co./AECOM Hunt Construction Co.
- H. County: The County of Hamilton, or its authorized agent
- I. Completion, Final: "Final Completion" refers to the degree of completion at which time the Project, as a whole, is turned over for full use to the Owner and the Work is completed in compliance with the Contract Documents.
- J. Completion, Substantial: "Substantial Completion" means the date of the "Certificate of Substantial Completion" issued by the Owner when construction is sufficiently complete in

accordance with the Contract Documents so the Owner may occupy the Work or a portion of the Work for the intended use.

- K. Conditions of the Contract: General Conditions, and the Drawings and Specifications (including Division 01), Addenda, Clarifications, Change Orders, and Field Orders issued as part of the Work.
- L. Construction Documents: “Construction Documents” means the Drawings, Project Manual (including Division 01), Addenda, Clarifications, Change Orders, Field Orders, and related documents that address the Work.
- M. Contractor: The terms “Contractor” and “Trade Contractor” shall have the same meaning. “Contractor” and “Trade Contractor” are used interchangeably.
- N. Contract Documents: “Contract Documents” has the identical meaning as “Conditions of the Contract”.
- O. Contract Time, Total: “Contract Time” has the identical meaning as “Total Contract Time”.
- P. Day(s): Except where stated as meaning business day(s), “day(s)” mean(s) calendar day(s)
- Q. Development Manager: Not applicable to this project.
- R. Directed, Requested, Approved, etc. Terms “directed”, “requested”, “authorized”, “approved”, “required”, “accepted”, and “permitted” mean “directed by the Owner”, “requested by the Owner”, and similar phrases. Phrases' meanings do not expand the Owner's responsibility into the Contractor's areas of construction supervision and safety.
- S. Furnish: “Furnish” means to supply and deliver to the project site, ready for unloading, unpacking, assembly, installation, etc., as applicable in each instance.
- T. Indicated: “Indicated” is a cross-reference to graphic representations, notes or schedules on Drawings, to other paragraphs or schedules in the Specification, and to similar means of recording requirements in the Contract Documents. Where “shown”, “noted”, “scheduled” and “specified” are used in lieu of “indicated”, it is for the purpose of helping the reader of the Drawings and Specifications locate the cross-reference. “Indicated” does not imply limitation of location except as specifically noted. “Indicated” does not modify or supersede material performance, system requirements, or installation criteria specified elsewhere in the Contract Documents.
- U. Install: “Install” describes operations at the project site, including unloading, unpacking, assembling, erecting, placing, anchoring, applying, working to dimension, finishing, curing, protecting, cleaning, and similar operations, as applicable in each instance.
- V. Installer: “Installer” is the entity engaged by a Contractor, Subcontractor, or sub- Subcontractor for performance of a particular unit of work for the project, including installation, erection, application, and similar required operations. It is a general requirement that the entities be expert in the operations they are engaged to perform.

- W. Manufacturer's Recommendations: "Manufacturer's recommendations", and variations thereon, means manufacturer's recommendations found in publications commonly available to and used by the architectural and engineering professions.
- X. Project Site: "Project Site" is the space available to the Contractor; and refers to the area where the Contractor performs the on-site Work.
- Y. Provide: "Provide" means furnish and install, complete and ready for the intended use.
- Z. Regulations: "Regulations" includes laws, statutes, ordinances, and lawful orders issued by governing authorities; and the rules, conventions, and agreements within the construction industry which control the performance of the Work, regardless of whether or not they are lawfully imposed by governing authority.
- AA. Remove: "Remove" means to remove and legally dispose of indicated items off-site.
- BB. Total Contract Time: "Total Contract Time" is the time period allotted for the Work, subject to limitations described in the Contract Documents.

1.3 INDUSTRY STANDARDS

A. General Applicability of Standards:

1. Except to the extent that more explicit or more stringent requirements are in the Contract Documents, applicable standards of the construction industry referenced in the Contract Documents have the same force and effect as if bound directly into the Contract Documents (i.e. are made a part of the Contract Documents by reference).
2. Refer to Contract Documents for resolution of overlapping and conflicting requirements that result from the application of several different industry standards to the same unit of work.
3. Refer to individual unit of work Sections for specialized codes and standards the Contractor must keep at the project site available for reference by the Owner.
4. Referenced standards (referenced directly in the Contract Documents or by governing regulations) have precedence over non-referenced standards which are recognized in the industry and which may be applicable to the Work.
5. Non-referenced standards recognized in the construction industry, except as otherwise limited in the Contract Documents, are applicable to the Work, and will be enforced for the performance of the Work. Owner will determine if an industry code or standard is applicable to the Work, or which of several standards are applicable to the Work.

B. Publication Dates

Except as otherwise indicated, where compliance with an industry standard is required, comply with the standard in effect as of the date of the Construction Documents.

C. Copies of Standards

1. A requirement of the Contract Documents is that each entity performing work be experienced in that part of the Work being performed, and that the entities be familiar with recognized industry standards applicable to the Contractor's parts of the Work. Copies of applicable standards are not bound with the Contract Documents.
 2. Where copies of standards are needed for proper performance of the Work, obtain copies directly from the source.
 3. Though certain copies of standards needed for enforcement of the requirements may be required submittals, the Owner reserves the right to require the Contractor to submit other copies of the standards as necessary for enforcement of the requirements.
- D. Failure to be informed of the requirements of standard specifications is not cause for additional compensation.
- E. In case of conflict between the published standard and Project Specifications, the more stringent governs.
- F. Where applicable, Construction Document references to technical societies, organizations, and other construction entities is in accordance with the following abbreviations:

AIA	American Institute of Architects
ACI	American Concrete Institute
AIEE	American Institute of Electrical Engineers
AISC	American Institute of Steel Construction
AISI	American Iron and Steel Institute
ANSI	American National Standards Institute
ASHRAE	American Society of Heating, Refrigeration and Air-Conditioning Engineers
ASME	American Society of Mechanical Engineers
ASRE	American Society of Refrigeration Engineers
ASTM	American Society of Testing Materials
AASHTO	American Association of State Highway & Transportation Officials
AWSC	American Welding Society Code
AWWA	American Water Works Association
CCS	City of Cincinnati Supplement to ODOT
COBC	Cincinnati Ohio Building Code
CRSI	Concrete Reinforcing Steel Institute
DOP	City of Cincinnati Department of Purchasing
FS	Federal Specification
IPCEA	Insulated Power Cable Engineers Association
MIL	Military Specification
NBFU	National Board of Fire Underwriters
NBS	National Bureau of Standards
NFPA	National Fire Protection Association
NEC	National Electric Code
NEMA	National Electric Manufacturers Association
ODOT	Ohio Department of Transportation
SAE	Society of Automotive Engineers
SPR	Simplified Practice Recommendation
SSPC	Steel Structures Painting Council

SWRI Sealant, Waterproofing & Restoration Institute
UL Underwriter's Laboratories

1.4 REGULATORY REQUIREMENTS

- A. Applicable Codes: The “Cincinnati Ohio Building Code” as administered and modified by the Department of Buildings and Inspections, City of Cincinnati, governs the work in addition to other code authorities.
- B. Adherence to Codes and Regulations:
 - 1. Before proceeding with the Work, review Drawings and Specifications for applicable laws, ordinances, rules, and regulations.
 - 2. Comply with the applicable laws, ordinances, rules, and regulations unless notice is given to the City of Cincinnati, Department of Buildings and Inspections, in writing, of the discrepancy before proceeding with the Work.
 - 3. Compliance with applicable codes and regulations does not relieve the Contractor of compliance with more stringent requirements of the Contract Documents.
- C. Requirements of Regulatory Agencies (Permits, etc.):
 - 1. Construction Manager will make application and pay for the City of Cincinnati Demolition Permit.
 - 2. Each Contractor and Subcontractor is responsible for obtaining other permits and inspections required for their work by laws, ordinances, rules, and regulations, including final certificates, inspections, etc.
- D. Inspections by Governing Agencies
 - 1. Before covering up work required to be inspected, arrange for inspections and tests of the installation, as required by Governing Authorities and by Specifications.
 - 2. Provide necessary tools, equipment, and personnel to conduct the required tests, and notify the City of Cincinnati, Department of Buildings and Inspections, at least three (3) business days in advance of scheduled inspections and tests.
 - 3. Submit approved certificate of inspection from the Governing Authority to Owner and Construction Manager before request for final payment.

PART 2 - MATERIALS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 01 42 16

DIVISION 01 – GENERAL CONDITIONS
SECTION 01 73 00
EXECUTION

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes general administrative and procedural requirements governing execution of the Work, including, but not limited to, the following:
1. Construction layout.
 2. Field engineering.
 3. Installation.
 4. Cutting and patching.
 5. Coordination of Owner's portion of the Work.
 6. Progress cleaning.
 7. Starting and adjusting.
 8. Protection of installed construction.
 9. Correction of the Work.
- B. Related Requirements:
1. Section 017700 "Closeout Procedures" for submitting final property survey with Project Record Documents, recording of Owner-accepted deviations from indicated lines and levels, replacing defective work, and final cleaning.
 2. Section 024119 "Selective Demolition" for demolition and removal of selected portions of the building.

1.2 DEFINITIONS

- A. Cutting: Removal of in-place construction necessary to permit installation or performance of subsequent work.
- B. Patching: Fitting and repair work required to restore construction to original conditions after installation of subsequent work.

1.3 QUALITY ASSURANCE

- A. Cutting and Patching: Comply with requirements for and limitations on cutting and patching of construction elements.
1. Structural Elements: When cutting and patching structural elements, or when encountering the need for cutting and patching of elements whose structural function is not known, notify Architect of locations and details of cutting and await directions from Architect before proceeding. Shore, brace, and support structural elements during cutting and patching. Do

- not cut and patch structural elements in a manner that could change their load-carrying capacity or increase deflection.
2. Operational Elements: Do not cut and patch operating elements and related components in a manner that results in reducing their capacity to perform as intended or that results in increased maintenance or decreased operational life or safety.
 3. Other Construction Elements: Do not cut and patch other construction elements or components in a manner that could change their load-carrying capacity, that results in reducing their capacity to perform as intended, or that results in increased maintenance or decreased operational life or safety.
 4. Visual Elements: Do not cut and patch construction in a manner that results in visual evidence of cutting and patching. Do not cut and patch exposed construction in a manner that would, in Architect's opinion, reduce the building's aesthetic qualities. Remove and replace construction that has been cut and patched in a visually unsatisfactory manner. This requirement applies to finished flooring systems, wall finishes, tile assemblies, decorative metal elements, ceilings, and painted surfaces.
- B. Manufacturer's Installation Instructions: Obtain and maintain on-site manufacturer's written recommendations and instructions for installation of specified products and equipment.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Comply with requirements specified in other Sections.
- B. In-Place Materials: Use materials for patching identical to in-place materials. For exposed surfaces, use materials that visually match in-place adjacent surfaces to the fullest extent possible.
 1. If identical materials are unavailable or cannot be used, use materials that, when installed, will provide a match acceptable to Architect for the visual and functional performance of in-place materials. Use materials that are not considered hazardous. Where patching occurs in continuous finish systems, extend replacement to natural break points or full surface areas as required to eliminate visual discontinuity.
- C. Cleaning Agents: Use cleaning materials and agents recommended by manufacturer or fabricator of the surface to be cleaned. Do not use cleaning agents that are potentially hazardous to health or property or that might damage finished surfaces.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Existing Conditions: The existence and location of underground and other utilities and construction indicated as existing are not guaranteed. Before beginning sitework, investigate and verify the existence and location of underground utilities, **mechanical and electrical systems**, and other construction affecting the Work.

1. Before construction, verify the location and invert elevation at points of connection of sanitary sewer, storm sewer, gas service piping, and water-service piping; underground electrical services; and other utilities.
 2. Furnish location data for work related to Project that must be performed by public utilities serving Project site.
- B. Examination and Acceptance of Conditions: Before proceeding with each component of the Work, examine substrates, areas, and conditions, with Installer or Applicator present where indicated, for compliance with requirements for installation tolerances and other conditions affecting performance. Record observations.
1. Examine roughing-in for mechanical and electrical systems to verify actual locations of connections before equipment and fixture installation.
 2. Examine walls, floors, and roofs for suitable conditions where products and systems are to be installed.
 3. Verify compatibility with and suitability of substrates, including compatibility with existing finishes or primers.
- C. Written Report: Where a written report listing conditions detrimental to performance of the Work is required by other Sections, include the following:
1. Description of the Work, including Specification Section number and paragraph, and Drawing sheet number and detail, where applicable.
 2. List of detrimental conditions, including substrates.
 3. List of unacceptable installation tolerances.
 4. Recommended corrections.
- D. Proceed with installation only after unsatisfactory conditions have been corrected. Proceeding with the Work indicates acceptance of surfaces and conditions.

3.2 PREPARATION

- A. Existing Utility Information: Furnish information to **Owner** that is necessary to adjust, move, or relocate existing utility structures, utility poles, lines, services, or other utility appurtenances located in or affected by construction. Coordinate with authorities having jurisdiction.
- B. Field Measurements: Take field measurements as required to fit the Work properly. Recheck measurements before installing each product. Where portions of the Work are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
- C. Space Requirements: Verify space requirements and dimensions of items shown diagrammatically on Drawings.
- D. Review of Contract Documents and Field Conditions: Immediately on discovery of the need for clarification of the Contract Documents, submit a request for information to Architect **through Construction Manager** in accordance with requirements in Section 013100 "Project Management and Coordination."

3.3 CONSTRUCTION LAYOUT

- A. Verification: Before proceeding to lay out the Work, verify layout information shown on Drawings, in relation to the property survey and existing benchmarks and existing conditions. If discrepancies are discovered, notify Architect **and Construction Manager** promptly.
- B. Engage a **land surveyor** experienced in laying out the Work, using the following accepted surveying practices:
 - 1. Establish benchmarks and control points to set lines and levels at each story of construction and elsewhere as needed to locate each element of Project.
 - 2. Establish limits on use of Project site.
 - 3. Establish dimensions within tolerances indicated. Do not scale Drawings to obtain required dimensions.
 - 4. Inform installers of lines and levels to which they must comply.
 - 5. Check the location, level and plumb, of every major element as the Work progresses.
 - 6. Notify Architect **and Construction Manager** when deviations from required lines and levels exceed allowable tolerances.
 - 7. Close site surveys with an error of closure equal to or less than the standard established by authorities having jurisdiction.
- C. Building Lines and Levels: Locate and lay out control lines and levels for structures, building foundations, column grids, and floor levels, including those required for mechanical and electrical work. Transfer survey markings and elevations for use with control lines and levels. Level foundations and piers from two or more locations.
- D. Record Log: Maintain a log of layout control work. Record deviations from required lines and levels. Include beginning and ending dates and times of surveys, weather conditions, name and duty of each survey party member, and types of instruments and tapes used. Make the log available for reference by Architect **and Construction Manager**.

3.4 FIELD ENGINEERING

- A. Reference Points: Locate existing permanent benchmarks, control points, and similar reference points before beginning the Work. Preserve and protect permanent benchmarks and control points during construction operations.
 - 1. Do not change or relocate existing benchmarks or control points without prior written approval of Architect **or Construction Manager**. Report lost or destroyed permanent benchmarks or control points promptly. Report the need to relocate permanent benchmarks or control points to Architect **and Construction Manager** before proceeding.
 - 2. Replace lost or destroyed permanent benchmarks and control points promptly. Base replacements on the original survey control points.

3.5 INSTALLATION

- A. Locate the Work and components of the Work accurately, in correct alignment and elevation, as indicated.

1. Make vertical work plumb, and make horizontal work level.
 2. Where space is limited, install components to maximize space available for maintenance and ease of removal for replacement.
 3. Conceal pipes, ducts, and wiring in finished areas unless otherwise indicated.
 4. Maintain minimum headroom clearance of **96 inches (2440 mm)** in occupied spaces and **90 inches (2300 mm)** in unoccupied spaces, unless otherwise indicated on Drawings.
- B. Comply with manufacturer's written instructions and recommendations for installing products in applications indicated.
- C. Install products at the time and under conditions that will ensure satisfactory results as judged by the Architect. Maintain conditions required for product performance until Substantial Completion. Do not proceed with installation of finish systems when temperature, humidity, or substrate conditions are outside manufacturer's recommended limits.
- D. Conduct construction operations, so no part of the Work is subjected to damaging operations or loading in excess of that expected during normal conditions of occupancy of type expected for Project.
- E. Sequence the Work and allow adequate clearances to accommodate movement of construction items on-site and placement in permanent locations.
- F. Tools and Equipment: Select tools or equipment that minimize production of excessive noise levels.
- G. Templates: Obtain and distribute to the parties involved templates for Work specified to be factory prepared and field installed. Check Shop Drawings of other portions of the Work to confirm that adequate provisions are made for locating and installing products to comply with indicated requirements.
- H. Attachment: Provide blocking and attachment plates and anchors and fasteners of adequate size and number to securely anchor each component in place, accurately located and aligned with other portions of the Work. Where size and type of attachments are not indicated, verify size and type required for load conditions with manufacturer.
1. Mounting Heights: Where mounting heights are not indicated, mount components at heights directed by Architect.
 2. Allow for building movement, including thermal expansion and contraction.
 3. Coordinate installation of anchorages. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry. Deliver such items to Project site in time for installation.
- I. Joints: Make joints of uniform width. Where joint locations in exposed Work are not indicated, arrange joints for the best visual effect, as judged by Architect. Fit exposed connections together to form hairline joints.

3.6 CUTTING AND PATCHING

- A. General: Employ skilled workers to perform cutting and patching. Proceed with cutting and patching at the earliest feasible time, and complete without delay.
 - 1. Cut in-place construction to provide for installation of other components or performance of other construction, and subsequently patch as required to restore surfaces to their original condition.
- B. Existing Warranties: Remove, replace, patch, and repair materials and surfaces cut or damaged during installation or cutting and patching operations, by methods and with materials so as not to void existing warranties.
- C. Temporary Support: Provide temporary support of Work to be cut.
- D. Protection: Protect in-place construction during cutting and patching to prevent damage. Provide protection from adverse weather conditions for portions of Project that might be exposed during cutting and patching operations.
- E. Adjacent Occupied Areas: Where interference with use of adjoining areas or interruption of free passage to adjoining areas is unavoidable, coordinate cutting and patching in accordance with requirements of the Contract Documents.
- F. Existing Utility Services and Mechanical/Electrical Systems: Where existing services/systems are required to be removed, relocated, or abandoned, bypass such services/systems before cutting to **minimize** interruption to occupied areas.
- G. Cutting: Cut in-place construction by sawing, drilling, breaking, chipping, grinding, and similar operations, including excavation, using methods least likely to damage elements retained or adjoining construction. If possible, review proposed procedures with original Installer; comply with original Installer's written recommendations.
 - 1. In general, use hand or small power tools designed for sawing and grinding, not hammering and chopping. Cut holes and slots neatly to minimum size required, and with minimum disturbance of adjacent surfaces. Temporarily cover openings when not in use.
 - 2. Finished Surfaces: Cut or drill from the exposed or finished side into concealed surfaces.
 - 3. **Concrete and Masonry**: Cut using a cutting machine, such as an abrasive saw or a diamond-core drill.
 - 4. Excavating and Backfilling: Comply with requirements in applicable Sections where required by cutting and patching operations.
 - 5. Mechanical and Electrical Services: Cut off pipe or conduit in walls or partitions to be removed. Cap, valve, or plug and seal remaining portion of pipe or conduit to prevent entrance of moisture or other foreign matter after cutting.
 - 6. Proceed with patching after construction operations requiring cutting are complete.
- H. Patching: Patch construction by filling, repairing, refinishing, closing up, and similar operations following performance of other Work. Patch with durable seams that are as invisible as practicable, as judged by Architect. Provide materials and comply with installation requirements specified in other Sections, where applicable.

1. Inspection: Where feasible, test and inspect patched areas after completion to demonstrate physical integrity of installation.
 2. Exposed Finishes: Restore exposed finishes of patched areas and extend finish restoration into retained adjoining construction in a manner that will eliminate evidence of patching and refinishing.
 - a. Clean piping, conduit, and similar features before applying paint or other finishing materials.
 - b. Restore damaged pipe covering to its original condition.
 3. Floors and Walls: Where walls or partitions that are removed extend one finished area into another, patch and repair floor and wall surfaces in the new space. Provide an even surface of uniform finish, color, texture, and appearance. Remove in-place floor and wall coverings and replace with new materials, if necessary, to achieve uniform color and appearance.
 - a. Where patching occurs in a painted surface, prepare substrate and apply primer and intermediate paint coats appropriate for substrate over the patch, and apply final paint coat over entire unbroken surface containing the patch, corner to corner of wall and edge to edge of ceiling. Provide additional coats until patch blends with adjacent surfaces.
 4. Ceilings: Patch, repair, or rehang in-place ceilings as necessary to provide an even-plane surface of uniform appearance.
 5. Exterior Building Enclosure: Patch components in a manner that restores enclosure to a weathertight condition and ensures thermal and moisture integrity of building enclosure.
- I. Cleaning: Clean areas and spaces where cutting and patching are performed. Remove paint, mortar, oils, putty, and similar materials from adjacent finished surfaces.
- 3.7 COORDINATION OF OWNER'S PORTION OF THE WORK
- A. Site Access: Provide access to Project site for Owner's construction personnel **and Owner's separate contractors**.
 - B. Coordination: Coordinate construction and operations of the Work with work performed by Owner's construction personnel **and Owner's separate contractors**.
 1. Construction Schedule: Inform Owner of Contractor's preferred construction schedule for Owner's portion of the Work. Adjust construction schedule based on a mutually agreeable timetable. Notify Owner if changes to schedule are required due to differences in actual construction progress.
- 3.8 PROGRESS CLEANING
- A. Clean Project site and work areas daily, including common areas. Enforce requirements strictly. Dispose of materials lawfully.

1. Comply with requirements in NFPA 241 for removal of combustible waste materials and debris.
 2. Do not hold waste materials more than seven days during normal weather or three days if the temperature is expected to rise above 80 deg F (27 deg C).
 3. Containerize hazardous and unsanitary waste materials separately from other waste. Mark containers appropriately and dispose of legally, in accordance with regulations.
 - a. Use containers intended for holding waste materials of type to be stored.
 4. Coordinate progress cleaning for joint-use areas where Contractor and other contractors are working concurrently.
- B. Site: Maintain Project site free of waste materials and debris.
- C. Work Areas: Clean areas where Work is in progress to the level of cleanliness necessary for proper execution of the Work.
1. Remove liquid spills promptly.
 2. Where dust would impair proper execution of the Work, broom-clean or vacuum the entire work area, as appropriate.
- D. Installed Work: Keep installed work clean. Clean installed surfaces in accordance with written instructions of manufacturer or fabricator of product installed, using only cleaning materials specifically recommended. If specific cleaning materials are not recommended, use cleaning materials that are not hazardous to health or property and that will not damage exposed surfaces. Protect finished restroom surfaces from damage, staining, and construction traffic immediately upon installation.
- E. Concealed Spaces: Remove debris from concealed spaces before enclosing the space.
- F. Exposed Surfaces: Clean exposed surfaces and protect as necessary to ensure freedom from damage and deterioration at time of Substantial Completion.
- G. Waste Disposal: Do not bury or burn waste materials on-site. Do not wash waste materials down sewers or into waterways.
- H. During handling and installation, clean and protect construction in progress and adjoining materials already in place. Apply protective covering where required to ensure protection from damage or deterioration at Substantial Completion.
- I. Clean and provide maintenance on completed construction as frequently as necessary through the remainder of the construction period. Adjust and lubricate operable components to ensure operability without damaging effects.
- J. Limiting Exposures: Supervise construction operations to ensure that no part of the construction, completed or in progress, is subject to harmful, dangerous, damaging, or otherwise deleterious exposure during the construction period.

3.9 STARTING AND ADJUSTING

- A. Start equipment and operating components to confirm proper operation. Remove malfunctioning units, replace with new units, and retest.
- B. Adjust equipment for proper operation. Adjust operating components for proper operation without binding.
- C. Test each piece of equipment to verify proper operation. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.
- D. Manufacturer's Field Service: Comply with qualification requirements in Section 014000 "Quality Requirements."

3.10 PROTECTION OF INSTALLED CONSTRUCTION

- A. Provide final protection and maintain conditions that ensure installed Work is without damage or deterioration at time of Substantial Completion.
- B. Protection of Existing Items: Provide protection and ensure that existing items to remain undisturbed by construction are maintained in condition that existed at commencement of the Work.
- C. Comply with manufacturer's written instructions for temperature and relative humidity.

3.11 CORRECTION OF THE WORK

- A. Repair or remove and replace damaged, defective, or nonconforming Work. Restore damaged substrates and finishes.
 - 1. Repairing includes replacing defective parts, refinishing damaged surfaces, touching up with matching materials, and properly adjusting operating equipment.
- B. Repair Work previously completed and subsequently damaged during construction period. Repair to like-new condition.
- C. Restore permanent facilities used during construction to their specified condition.
- D. Remove and replace damaged surfaces that are exposed to view if surfaces cannot be repaired without visible evidence of repair.
- E. Repair components that do not operate properly. Remove and replace operating components that cannot be repaired.
- F. Remove and replace chipped, scratched, and broken glass or reflective surfaces.

END OF SECTION 01 73 00