

PROJECT NO. W-0502-1004
INSTALL FIRE RATED WALLS
IN NEWTON HALL
CLARKS SUMMIT STATE HOSPITAL

DEVELOPED AND APPROVED BY:
Division of Facilities & Property Management


George Maag
Date 9/16/11

SPECIFICATIONS

SECTION 01 11 00 SUMMARY OF WORK

Part 1 – GENERAL

1.1 STIPULATIONS

A. Related Documents

1. The "General Conditions for Construction Projects" form a part of this specification section by reference thereto and shall have the same force and effect as if printed herewith in full.

1.2 SCOPE OF WORK

A. The work for this project covers the supplying of all labor, materials, tools, equipment and appurtenances to perform the following work in Newton Hall as identified in the Contract Documents:

1. Construct a new 2 hour rated fire rated walls in the locations shown on the drawings in accordance with the UL design indicated. Provide new 90 minute doors, frames, and hardware in accordance with the door schedule.
2. Remove existing doors and provide new 90 minute doors in the existing 90 minute frame in locations shown on the drawings. Doors and hardware shall be in accordance with the door schedule.
3. Provide (1) layer of 5/8" type x gypsum wall board over the existing wall construction in locations shown on the drawings to achieve a 2-hour rated wall in accordance with UL design indicated.
4. The facility will identify any asbestos containing materials at the work locations. These materials will be properly abated as required for the new work by the facility. The contractor shall coordinate the construction schedule with the facility to allow for adequate time for abatement.

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1.3 PROJECT DRAWINGS

A. The following drawings form a part of the Contract Documents:

Sheet No. A1 of 3: Floor Plans
A2 of 3: Enlarged Floor Plans
A3 of 3: Door Schedule and Details

1.4 DATES OF COMPLETION

A. No work shall commence until the Contractor receives a fully executed contract. All work under this contract will be completed within **60 calendar days** from the effective date of the contract. Requests for extension of time shall be submitted in accordance with the General Conditions for Construction Projects.

1.5 SITE VISIT

A. It is mandatory that the Contractor shall visit the site prior to bidding and carefully note all existing conditions. Any additions or items noted on his visit, not clearly defined in the specifications or on the drawings, shall be brought to the attention of the Project Designer. All visits shall be made only after contacting the Facility Maintenance Manager, Mr. Thomas Carachilo, at (570) 587-7246. All prospective bidders shall sign the attached Proof of Visit form. **One signed copy of the Proof of Visit form shall be returned with the bid.**

1.6 CLARIFICATION OF CONTRACT DOCUMENTS

A. Any requests for project clarification of technical drawings or specifications shall be directed to the Project Designer:

Division of Facilities and Property Management
P.O. Box 2675, Harrisburg, PA 17105-2675
Attention: Mr. George Maag
Telephone (717) 783-3973 Fax: (717) 772-2091

B. Any request for project clarification of financial language or invoices shall be directed to the Project Officer:

Clarks Summit State Hospital
1451 Hillside Drive, Clarks Summit, PA 18411
Attention: Mr. Louis J. Zack
Telephone: (570) 587-7285 Fax: (570) 587-7108

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- C. Any request for project clarification of contract language or general conditions shall be directed to:

Division of Facilities and Property Management
P.O. Box 2675, Harrisburg, PA 17105-2675
Attention: Mr. Gregory Kratzer
Telephone: (717) 425-5454 Fax: (717) 772-2091

Please Note: Additional information including the "General Conditions for Construction Projects" and forms are included on the compact disc enclosed with this bid package.

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SECTION 01 32 13
SEQUENCE OF CONSTRUCTION AND MILESTONES

Part 1 - GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this specification section by reference thereto and shall have the same force and effect as if printed herewith in full.
- B. Before beginning work, the Contractor shall prepare a critical path schedule in consultation with the Division of Facilities and Property Management. The work shall then be carried out in full accordance with the schedule and milestones.

1.2 CRITICAL MATERIALS AND EQUIPMENT

- A. The Contractor is cautioned that all necessary and required critical materials and equipment shall be ordered as quickly as possible so that the shipping will not delay the progress of the work.

1.3 CRITICAL ITEMS TO BE NOTED AS MILESTONES

- A. The Contractor shall schedule the following critical items as Project Milestones with the completion dates. These dates shall be the basis of payments to the Contractor.
 - 1. All contracts less than \$25,000.00 shall be paid in one lump sum.
 - 2. Contracts \$25,000.00 and more may be paid in two parts:
 - a. 50% of the project work complete = 40% payment
 - b. 100% of the project work complete = 60% final payment
- B. Payment is subject to the provisions of the General Conditions and approval by the facility and Project Designer.

END OF SECTION 01 32 13

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SECTION 01 33 00
SUBMITTALS

Part 1 – GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this specification section by reference thereto and shall have the same force and effect as if printed herewith in full.
- B. Included in this section of the specification is a list of submittals of materials to be incorporated into the work required by the Department for approval. The Department reserves the right to require additional submittals for approval as it deems necessary. No material or equipment listed herein shall be incorporated into the work until the Contractor has obtained approval from the Department.

1.2 SUBMITTAL PROCEDURES

- A. The project number shall be indicated on each piece of material submitted for approval.
- B. The Contractor shall **signify his approval of the submitted material** by stamping, initialing and dating each piece submitted to the Department for approval.
- C. The Contractor's failure to comply with the submittal procedures set forth herein will result in the return of the material for proper re-submittal.
- D. The submittal items listed below shall be delivered or mailed to:

Department of Public Welfare
Division of Facilities and Property Management
1401 North 7th Street, P.O. Box 2675
Harrisburg, PA 17105-2675
Attention: George Maag, AD2
(717) 783-3973

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1.3 SUBMITTAL LIST

SOSU - Source of Supply
 DEDA - Descriptive Data or Catalog Cuts
 SHDR - Shop Drawings
 MSDS - Material Safety Data Sheet

SAMP - Samples or Color Chart
 TEST - Laboratory Testing Data
 WRNTY - Warranty Data

DESCRIPTION OF ITEMS TO BE SUBMITTED	SOSU	DEDA	SHDR	MSDS	SAMP	TESTS	WRNTY
Doors and Frames	X	X				X	X
Door Hardware including hinges, flush bolts, closers, astragals and stops	X	X			X	X	X
Gypsum Wall Board	X	X					
Metal Studs	X	X					
Paint	X	X		X	X		
Vinyl Wall Base	X	X			X		

END OF SECTION 01 33 00

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SECTION 01 35 53
SECURITY REQUIREMENTS

Part 1 - GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this Section by this reference thereto and shall have the same force and effect as if printed herewith in full.

1.2 REQUIREMENTS

- A. The Contractor should make himself familiar with all security requirements of the Facility.

1. All contractor and crew vehicles must remain locked at all times while on the State Hospital property.

B. Tools

1. Tools shall be kept in a secure (locked) area, when not in use. Broken or non-usable tools are to be disposed of away from the State Hospital property.

C. Firearms and Weapons

1. At no time shall firearms or weapons of any kind be brought onto State Hospital property.

D. Alcohol and Controlled Substances

1. Alcoholic beverages and controlled substances shall not be carried, stored or consumed on the State Hospital property nor left in any vehicle.

END OF SECTION 01 35 53

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SECTION 01 60 00
PRODUCT REQUIREMENTS

Part 1 - GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this Section by this reference thereto and shall have the same force and effect as if printed herewith in full.

1.2 SECTION INCLUDES

- A. Products.
- B. Transportation and Handling.
- C. Storage and Protection.
- D. Product Options.
- E. Substitutions.

1.3 PRODUCTS

- A. Products: Means new material, machinery, components, equipment, fixtures and systems forming the work. Does not include machinery and equipment used for preparation, fabrication, conveying and erection of the work. Products may also include existing materials or components required for reuse.
- B. Do not use material and equipment removed from existing premises except as specifically permitted by the contract documents.

1.4 TRANSPORTATION AND HANDLING

- A. Transport and handle products in accordance with manufacturer's instructions.
- B. Arrange delivery of materials, equipment and products to site. No Commonwealth employee will sign delivery slips for Contractor's materials, equipment or products.
- C. Promptly inspect shipments to assure that products comply with requirements, quantities are correct, and products are undamaged.
- D. Provide equipment and personnel to handle products by methods that prevent soiling, disfigurement or damage.

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1.5 STORAGE AND PROTECTION

- A. Store and protect products in accordance with manufacturer's instructions with seals and labels intact and legible. Store sensitive products in weather-tight, climate controlled enclosures.
- B. Provide off-site storage and protection when site does not permit on-site storage or protection.
- C. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to avoid condensation.
- D. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement or damage.
- E. Arrange storage of products to permit access for inspection. Periodically inspect to assure products are undamaged and are maintained under specified conditions.

1.6 PRODUCT OPTIONS

- A. Brand names, if given, are only for the purpose of establishing a standard of type and quality for estimating purposes. Similar approved material may be acceptable provided samples, catalog cuts and any other requested data are submitted and approved by the Department.

1.7 SUBSTITUTIONS

- A. Document each request with complete data substantiating compliance of proposed substitution with contract documents.
- B. A request constitutes a representation that the bidder/contractor:
 - 1. Has investigated proposed product and determined that it meets or exceeds the quality level of the specified product.
 - 2. Will provide the same warranty for the substitution as for the specified product.
 - 3. Will coordinate installation and make changes to other work which may be required for the work to be complete with no additional cost to owner.
 - 4. Waives claims for additional costs or time extension which may subsequently become apparent.

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- C. Substitutions will not be considered when they are indicated or implied on shop drawing or product data submittals when acceptance will require revision to the contract documents.

END OF SECTION 01 60 00

SECTION 01 74 23
FINAL CLEANING

Part 1 - GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this Section by this reference thereto and shall have the same force and effect as if printed herewith in full.
- B. In addition to standards described in this Section, comply with all requirements for cleaning as described in various other sections of these Specifications.
- C. Maintain premises and public properties free from accumulations of waste, debris and rubbish caused by operations.
- D. At completion of work, remove waste materials, rubbish, tools, equipment, machinery and surplus materials, and clean all sight-exposed surfaces; leave project clean and ready for occupancy.

1.2 QUALITY ASSURANCE

- A. Conduct daily inspection, and more often if necessary, to verify that requirements of cleanliness are being met.
- B. In addition to the standards described in this section, comply with all pertinent requirements of governmental agencies having jurisdiction.

1.3 SAFETY REQUIREMENTS

- A. Hazards Control:
 - 1. Store volatile wastes in covered metal containers and remove from premises daily.
 - 2. Prevent accumulation of wastes which create hazardous conditions.
 - 3. Provide adequate ventilation during use of volatile or noxious substances.
- B. Conduct cleaning and disposal operations to comply with all applicable ordinances and anti-pollution laws.

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Part 2 - PRODUCTS

2.1 CLEANING MATERIALS AND EQUIPMENT

- A. Provide all required personnel, equipment and materials needed to maintain the specified standard of cleanliness.
- B. Use only cleaning materials recommended by manufacturer of surface to be cleaned.

Part 3 - EXECUTION

3.1 FINAL CLEANING

- A. Prior to completion of the work, remove from the job site all tools, surplus materials, equipment, scrap, debris and waste, regardless of its origin, and leave the site in a clean condition.
- B. Final Cleaning: Schedule final cleaning before final inspection to enable the Department to accept a completely clean project.

END OF SECTION 01 74 23

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SECTION 01 77 00
CLOSEOUT PROCEDURES

Part 1 - GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this Section by this reference thereto and shall have the same force and effect as if printed herewith in full.

1.2 SECTION INCLUDES

- A. Adjusting.
- B. Project Record Documents.
- C. Warranties.

1.3 ADJUSTING

- A. Adjust operating products and equipment to ensure smooth and unhindered operation.

1.4 PROJECT RECORD DOCUMENTS

- A. Maintain on-site one set of the following record documents; record actual revisions to the work:
 - 1. Contract Drawings.
 - 2. Specifications.
 - 3. Change Orders and other modifications to the contract.
 - 4. Reviewed shop drawings, product data and samples.
- B. Record information concurrent with construction progress.
- C. Legibly mark each item to record actual construction including:
 - 1. Field changes of dimension and detail.
 - 2. Details not on original contract drawings.
- D. Final payment will not be made until these documents are received and approved by the Department.

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1.5 WARRANTIES

- A. During the one year guarantee period, the contractor will be responsible for the proper adjustment of all systems and equipment, apparatus, devices and all items installed by him in general, and do all work necessary to insure their efficient and proper functioning. This guarantee shall be considered a part of the contract. The Department may retain claim(s) against the Contractor for latent defects even after one year from project acceptance.
- B. Furnish written manufacturers' warranties as specified in individual specification sections.
- C. Final payment will not be made until this written guarantee is received.

END OF SECTION 01 77 00

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SECTION 02 41 19
SELECTIVE DEMOLITION

Part 1 - GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this specification section by reference thereto and shall have the same force and effect as if printed herewith in full.

1.2 WORK INCLUDED

- A. The work covered by this section consists of furnishing all labor, equipment, tools and appliances necessary to complete all demolition required for the project in strict accordance with this section of the specifications and the drawings.
 - 1. All items related to demolition specified herein, as shown on the drawings or required to properly prepare the building, shall be done to receive the new windows, as required.

1.3 PRECAUTIONS

- A. Perform the work in a manner to prevent damage or injury to the property or public. Provide barriers, plywood walkways, warning lights and other protection, as required, and protect, as necessary, any existing roofs, windows, or utilities that are to remain in service. Restore any damage to the original condition or repair, as directed, at no additional cost to the Commonwealth.
- B. Before beginning work, protect driveways and shrubs at the work area by boxing or fencing, staked securely in place, or other approved means, maintained until completion of the work or until removal may be directed by the Facility. Coordinate safety precautions with Facility Safety Manager.
- C. The facility will identify any asbestos containing materials at the work locations. These materials will be properly abated by the facility as required for the installation of the new work. The contractor shall coordinate the work schedule with the facility to allow for adequate time for abatement.

1.4 DEMOLISHED MATERIALS

- A. Unless otherwise noted or directed, materials resulting from demolition operations shall be the property of the Contractor, shall not be used in the work, and shall be promptly removed from the site.

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Part 2 - PRODUCTS

2.1 DISPOSAL OF DEMOLISHED MATERIALS

- A. Remove the materials to a commercial dumpster furnished by the Contractor. Under no circumstances will debris of any type be left on the roof or grounds at the end of a working day.
- B. The on-site burning of materials removed from demolished structures will not be permitted.
- C. All costs and fees for proper disposal shall be paid for by the Contractor.
- D. Regulations: Comply with local and State regulations regarding hauling and disposal of construction debris.

Part 3 - EXECUTION

3.1 DUST CONTROL

- A. Control the amount of dust and dirt resulting from demolition to prevent the spread of dust and other airborne particles.

3.2 PROHIBITIONS

- A. The use of burning or burial at the project site for disposal of refuse and debris is not permitted.
- B. All dumpsters must be secured from access by facility residents after hours by use of a secure tarp cover.

3.3 CLEAN-UP

- A. Debris and Rubbish: Remove debris and rubbish from the site daily. Do not allow to accumulate on the site.
- B. Debris Control: Remove and transport debris in a manner as to prevent spillage on streets or adjacent areas. Use covered trucks where required.
 - 1. Any area, either temporary or permanent, over which hauling operations or other moving operations are conducted, **shall be kept clean and any debris shall be removed promptly by the Contractor.**
 - 2. Streets, walks and drives, adjacent to the areas of construction, shall be kept clean and clear of obstructions at all times; they shall be kept clear of

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materials and debris to their full width and shall be maintained in such a manner as to permit safe and normal use.

END OF SECTION 02 41 19

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SECTION 08 11 13
HOLLOW METAL DOORS AND FRAMES

Part 1 - GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this specification section by reference thereto and shall have the same force and effect as if printed herewith in full.

1.2 SUMMARY

- A. Section includes hollow-metal work.

1.3 DEFINITIONS

- A. Minimum Thickness: Minimum thickness of base metal without coatings according to NAAMM-HMMA 803 or SDI A250.8.

1.4 SUBMITTALS

- A. Provide material submissions for all items as specified in Section 01 33 00 – Submittals.

1.5 PROJECT CONDITIONS

- A. Environmental Requirements
 1. Odors and dust created inside this work area during installation and painting are required to be mitigated and exhausted to the outside with fans until odors and dust have dissipated.
 2. Critical barriers (i.e. polyethylene sheeting) are required to be installed and sealed off to assist in keeping dust/odors from migrating outside of the work area during installation and painting activities.

1.6 REFERENCES

- A. See section 08 81 17 Fire-Rated Glass for glazing in doors.

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Part 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
1. Amweld International, LLC.
 2. Ceco Door Products; an Assa Abloy Group company.
 3. Curries Company; an Assa Abloy Group company.
 4. Republic Doors and Frames.
 5. Steelcraft; an Ingersoll-Rand company.

2.2 REGULATORY REQUIREMENTS

- A. Fire-Rated Assemblies: Complying with NFPA 80 and listed and labeled by a qualified testing agency acceptable to authorities having jurisdiction for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C.

2.3 INTERIOR DOORS AND FRAMES

- A. Heavy-Duty Doors and Frames: SDI A250.8, Level 2. At locations indicated in the Door and Frame Schedule.
1. Physical Performance: Level B according to SDI A250.4.
 2. Doors:
 - a. Type: As indicated in the Door and Frame Schedule.
 - b. Thickness: 1-3/4 inches.
 - c. Face: Uncoated, cold-rolled steel sheet, minimum thickness of 0.042 inch.
 - d. Edge Construction: Model 1, Full Flush.
 - e. Core: Vertical steel stiffener.
 3. Frames:
 - a. Materials: Uncoated, steel sheet, minimum thickness of 0.053 inch.
 - b. Construction: Slip-on drywall.
 4. Exposed Finish: Prime.

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2.4 FRAME ANCHORS

A. Jamb Anchors:

1. Stud-Wall Type: Designed to engage stud, welded to back of frames; not less than 0.042 inch thick.

2.5 MATERIALS

- A. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, Commercial Steel (CS), Type B; suitable for exposed applications.
- B. Inserts, Bolts, and Fasteners: Hot-dip galvanized according to ASTM A 153/A 153M.
- C. Frame Anchors: ASTM A 879/A 879M, Commercial Steel (CS), 04Z coating designation; mill phosphatized.

2.6 FABRICATION

- A. Fabricate hollow-metal work to be rigid and free of defects, warp, or buckle. Accurately form metal to required sizes and profiles with minimum radius for metal thickness. Where practical, fit and assemble units in manufacturer's plant. To ensure proper assembly at Project site, clearly identify work that cannot be permanently factory assembled before shipment.
- B. Hollow-Metal Doors:
1. Astragals: Provide overlapping astragal on one leaf of pairs of doors where required by NFPA 80 for fire-performance rating or where indicated.
- C. Hollow-Metal Frames: Where frames are fabricated in sections due to shipping or handling limitations, provide alignment plates or angles at each joint, fabricated of same thickness metal as frames.
1. Frames: Provide closed tubular members with no visible face seams or joints, fabricated from same material as door frame. Fasten members at crossings and to jambs by butt welding.
 2. Provide countersunk, flat- or oval-head exposed screws and bolts for exposed fasteners unless otherwise indicated.

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3. Jamb Anchors: Provide number and spacing of anchors as follows:
 - a. Stud-Wall Type: Locate anchors not more than 18 inches from top and bottom of frame. Space anchors not more than 32 inches o.c. and as follows:
 - 1) Three anchors per jamb up to 60 inches high.
 - 2) Four anchors per jamb from 60 to 90 inches high.
- D. Hardware Preparation: Factory prepare hollow-metal work to receive templated hardware; include cutouts, reinforcement, mortising, drilling, and tapping according to SDI A250.6, the Door Hardware Schedule, and templates.
 1. Reinforce doors and frames to receive nontemplated, mortised, and surface-mounted door hardware.
 2. Comply with applicable requirements in SDI A250.6 and BHMA A156.115 for preparation of hollow-metal work for hardware.
- E. Stops and Moldings: Provide stops and moldings around glazed lites and louvers where indicated. Form corners of stops and moldings with mitered hairline joints.
 1. Single Glazed Lites: Provide fixed stops and moldings welded on secure side of hollow-metal work.

Part 3 - EXECUTION

3.1 INSTALLATION

- A. Hollow-Metal Frames: Install hollow-metal frames of size and profile indicated. Comply with SDI A250.11 or NAAMM-HMMA 840 as required by standards specified.
 1. Set frames accurately in position; plumbed, aligned, and braced securely until permanent anchors are set. After wall construction is complete, remove temporary braces, leaving surfaces smooth and undamaged.
 - a. At fire-rated openings, install frames according to NFPA 80.
 - b. Where frames are fabricated in sections because of shipping or handling limitations, field splice at approved locations by welding face joint continuously; grind, fill, dress, and make splice smooth, flush, and invisible on exposed faces.
 - c. Install frames with removable stops located on secure side of opening.

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- d. Remove temporary braces necessary for installation only after frames have been properly set and secured.
 - e. Check plumb, square, and twist of frames as walls are constructed. Shim as necessary to comply with installation tolerances.
2. In-Place Metal-Stud Partitions: Secure slip-on drywall frames in place according to manufacturer's written instructions.
 3. Installation Tolerances: Adjust hollow-metal door frames for squareness, alignment, twist, and plumb to the following tolerances:
 - a. Squareness: Plus or minus 1/16 inch, measured at door rabbet on a line 90 degrees from jamb perpendicular to frame head.
 - b. Alignment: Plus or minus 1/16 inch, measured at jambs on a horizontal line parallel to plane of wall.
 - c. Twist: Plus or minus 1/16 inch, measured at opposite face corners of jambs on parallel lines, and perpendicular to plane of wall.
Plumbness: Plus or minus 1/16 inch, measured at jambs at floor.
- B. Hollow-Metal Doors: Fit hollow-metal doors accurately in frames, within clearances specified below. Shim as necessary.
1. Fire-Rated Doors: Install doors with clearances according to NFPA 80.

3.2 ADJUSTING AND CLEANING

- A. Final Adjustments: Check and readjust operating hardware items immediately before final inspection. Leave work in complete and proper operating condition. Remove and replace defective work, including hollow-metal work that is warped, bowed, or otherwise unacceptable.
- B. Prime-Coat Touchup: Immediately after erection, sand smooth rusted or damaged areas of prime coat and apply touchup of compatible air-drying, rust-inhibitive primer.
- C. Touchup Painting: Cleaning and touchup painting of abraded areas of paint are specified in painting Sections.

END OF SECTION 08 11 13

SECTION 08 71 11
DOOR HARDWARE

Part 1 - GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this specification section by reference thereto and shall have the same force and effect as if printed herewith in full.

1.2 SUMMARY

- A. Section includes:
 - 1. Mechanical door hardware for the following:
 - a. Swinging doors.

1.3 SUBMITTALS

- A. Provide material submissions for all items as specified in Section 01 33 00 – Submittals.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Supplier of products and an employer of workers trained and approved by product manufacturers.
- B. Fire-Rated Door Assemblies: Where fire-rated door assemblies are indicated, provide door hardware rated for use in assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C, unless otherwise indicated.
- C. Means of Egress Doors: Latches do not require more than 15 lbf to release the latch.
- D. Accessibility Requirements: For door hardware on doors in an accessible route, comply with ICC/ANSI A117.1.
 - 1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf.
 - 2. Comply with the following maximum opening-force requirements:
 - a. Fire Doors: Minimum opening force allowable by authorities having jurisdiction.

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1.5 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Three years from date of Substantial Completion, unless otherwise indicated.

Part 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

- A. Provide door hardware for each door as scheduled on Drawings to comply with requirements in this Section.
 - 1. Door Hardware Sets: Provide quantity, item, size, finish or color indicated.

2.2 CONTINUOUS HINGES

- A. Continuous, Gear-Type Hinges: Extruded-aluminum, pinless, geared hinge leaves joined by a continuous extruded-aluminum channel cap; with concealed, self-lubricating thrust bearings. Aluminum shall be anodized after machining and hinge leaves shall have a uniform thickness.
 - 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. McKinney Products Company; an ASSA ABLOY Group company.
 - b. Select Hinges; Select Products, Limited.
 - c. Stanley Commercial Hardware; Div. of The Stanley Works.
 - 2. Grade: Heavy Duty.
 - 3. Hinges for Fire-Rated Assemblies: With steel fire pins to hold fire-rated doors in place if required by tested listing.
 - 4. Mounting: Half surface, with removable continuous caps over fasteners.
 - 5. Accessories: Provide hinges with anti-ligature ends or with accessory tips that can be installed at the top and bottom of the hinge.

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2.3 AUTOMATIC AND SELF-LATCHING FLUSH BOLTS

- A. Automatic and Self-Latching Flush Bolts: BHMA A156.16; minimum 3/4-inch throw; designed for mortising into door edge.
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Cal-Royal Products, Inc.
 - b. Door Controls International, Inc.
 - c. IVES Hardware; an Ingersoll-Rand company.
 - d. Trimco.

2.4 OPERATING TRIM

- A. Operating Trim shall be furnished by the facility and installed by the contractor. Contractor shall prepare door for a Townsteel CRX-L anti-ligature lever trim.

2.5 SURFACE CLOSERS

- A. Surface Closers: BHMA A156.4; rack-and-pinion hydraulic type with adjustable sweep and latch speeds controlled by key-operated valves and forged-steel main arm. Comply with manufacturer's written recommendations for size of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Provide factory-sized closers, adjustable to meet field conditions and requirements for opening force.
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Arrow USA; an ASSA ABLOY Group company.
 - b. Corbin Russwin Architectural Hardware; an ASSA ABLOY Group company.
 - c. DORMA Architectural Hardware; Member of The DORMA Group North America.
 - d. Dor-O-Matic; an Ingersoll-Rand company.
 - e. LCN Closers; an Ingersoll-Rand company.
 - f. Norton Door Controls; an ASSA ABLOY Group company.
 - g. SARGENT Manufacturing Company; an ASSA ABLOY Group company.
 - h. Yale Security Inc.; an ASSA ABLOY Group company.

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- B. Surface Closer with Cover: Heavy Duty; Modern Type with mechanism enclosed in cover.
 - 1. Mounting: Push side of door.
 - 2. Type: Parallel arm.
 - 3. Backcheck: Adjustable, effective between 60 and 85 degrees of door opening.
 - 4. Cover Material: Aluminum or Plated steel.

2.6 ACCESSORIES FOR PAIRS OF DOORS

- A. Flat Overlapping Astragals: BHMA A156.22; flat primed steel metal bar, surface mounted on face of door with screws; minimum 1/8 inch thick by 2 inches wide by full height of door.

2.7 DOOR STOPS

- A. Floor-Mounted Stops: BHMA A156.16; polished cast brass, bronze, or aluminum base metal.
 - 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Architectural Builders Hardware Mfg., Inc.
 - b. Baldwin Hardware Corporation.
 - c. Hager Companies.
 - d. IVES Hardware; an Ingersoll-Rand company.
 - e. Rockwood Manufacturing Company.
 - f. Stanley Commercial Hardware; Div. of The Stanley Works.
 - g. Trimco.
- B. Dome-Type Floor Stop: With minimum 1-inch- high bumper for doors without threshold and 1-3/8-inch- high bumper for doors with threshold.

2.8 FINISHES

- A. Provide US26D Satin finish.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

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Part 3 - EXECUTION

3.1 INSTALLATION

- A. Steel Doors and Frames: For surface applied door hardware, drill and tap doors and frames according to ANSI/SDI A250.6.
- B. Mounting Heights: Mount door hardware units at heights to comply with the following unless otherwise indicated or required to comply with governing regulations.
 - 1. Standard Steel Doors and Frames: ANSI/SDI A250.8.
 - 2. Custom Steel Doors and Frames: HMMA 831.
- C. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in elsewhere. Do not install surface-mounted items until finishes have been completed on substrates involved.
 - 1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
 - 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- D. Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
- E. Thresholds: Set thresholds for exterior doors in full bed of sealant.
- F. Stops: Provide floor stops for doors unless wall or other type stops are indicated in door hardware schedule. Do not mount floor stops where they will impede traffic.

END OF SECTION 08 71 11

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SECTION 08 81 17
FIRE-RATED GLASS

PART 1 - GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this specification section by reference thereto and shall have the same force and effect as if printed herewith in full.

1.2 SUMMARY

- A. Section Includes:
 - 1. Fire-rated glazing materials installed as vision lights in fire-rated doors.

1.3 PERFORMANCE REQUIREMENTS

- A. Fire-rated glass ceramic laminated clear and wireless glazing material for use in impact safety-rated locations such as doors, transoms and borrowed lites with fire rating requirements ranging from 20 minutes to 3 hours with required hose stream test.
- B. Passes positive pressure test standards UL10C, UBC 7-2 and UBC 7-4.

1.4 SUBMITTALS

- A. Provide material submissions for all items as specified in Section 01 33 00 – Submittals.

1.5 QUALITY ASSURANCE

- A. Glazing Standards: FGMA Glazing Manual and Sealant Manual.
- B. Fire Protective Rated Glass: Each lite shall bear permanent, nonremovable label of UL certifying it for use in tested and rated fire protective assemblies.
- C. Fire Protective Glazing Products for Door Assemblies: Products identical to those tested per ASTM E2074-00 and UL 10B, labeled and listed by UL.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to specified destination in manufacturer or distributor's packaging, undamaged, complete with installation instructions.

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- B. Store off ground, under cover, protected from weather and construction activities.

1.7 WARRANTY

- A. Warranty Period: Five years from date of Substantial Completion.

Part 2 - PRODUCTS

2.1 FIRE-RATED GLAZING MATERIALS

- A. Laminated Ceramic Glazing: Laminated glass made from 2 plies of clear, ceramic flat glass; 5/16-inch total nominal thickness; complying with testing requirements in 16 CFR 1201 for Category II materials.
 - 1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Nippon Electric Glass Co., Ltd. (distributed by Technical Glass Products); FireLite Plus.
 - b. Schott North America, Inc.; Laminated Pyran Crystal.
 - c. Vetrotech Saint-Gobain; SGG Keralite FR-L.
 - B. Labeling: Permanently label each piece of fire rated glazing with the UL logo and fire rating (as approved by the authority having jurisdiction).
 - C. Fire Rating: Fire rating listed and labeled by UL for fire rating scheduled at opening locations on drawings, when tested in accordance with UL 9, UL 10B and UL 10C.

2.2 GLAZING COMPOUND FOR FIRE-RATED GLAZING MATERIALS

- A. Glazing Tape: Closed cell polyvinyl chloride (PVC) foam, coiled on release paper over adhesive on two sides, maximum water absorption by volume of 2 percent. Glass panels that exceed 1,393 sq. inches for 90-minute ratings must be glazed with fire-rated glazing tape supplied by manufacturer.
- B. Setting Blocks: Neoprene, EPDM, or silicone; tested for compatibility with glazing compound; of 70 to 90 Shore A hardness.
- C. Cleaners, Primers, and Sealers: Type recommended by manufacturer of glass and gaskets.

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2.3 FABRICATION

- A. Fabricate glass and other glazing products in sizes required to glaze openings indicated for Project, with edge and face clearances, edge and surface conditions, and bite complying with recommendations of product manufacturer and referenced glazing standard as required to comply with system performance requirements.

Part 3 - EXECUTION

3.1 EXAMINATION

- A. Examine glass framing, with glazier present, for compliance with the following:
 - 1. Manufacturing and installation tolerances, including those for size, squareness, offsets at corners.
 - 2. Minimum required face or edge clearances.
 - 3. Observable edge damage or face imperfections.
- B. Do not proceed with glazing until unsatisfactory conditions have been corrected.
- C. Clean glazing channels and other framing members receiving glass immediately before glazing. Remove coatings that are not firmly bonded to substrates.

3.2 INSTALLATION (GLAZING)

- A. Comply with referenced FGMA standards and instructions of manufacturers of glass, glazing sealants, and glazing compounds.
- B. Protect glass from edge damage during handling and installation. Inspect glass during installation and discard pieces with edge damage that could affect glass performance.
- C. Set units of glass in each series with uniformity of pattern, draw, bow, and similar characteristics.
- D. Cut glazing tape to length and set against permanent stops, flush with sight lines to fit openings exactly, with stretch allowance during installation.
- E. Place setting blocks located at quarter points of glass with edge block no more than 6 inches from corners.
- F. Glaze vertically into labeled fire-rated metal frames or partition walls with same fire rating as glass and push against tape for full contact at perimeter of pane or unit.

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- G. Place glazing tape on free perimeter of glazing in same manner described above.
- H. Install removable stop and secure without displacement of tape.
- I. Install in vision panels in fire-rated doors to requirements of NFPA 80.
- J. Install so that appropriate markings remain permanently visible.

3.3 PROTECTION AND CLEANING

- A. Protect glass from contact with contaminating substances resulting from construction operations. Remove any such substances by method approved by glass manufacturer.
- B. Wash glass on both faces not more than four days prior to date scheduled for inspections intended to establish date of substantial completion. Wash glass by method recommended by glass manufacturer.

END OF SECTION 08 81 17

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SECTION 09 22 16
NON-STRUCTURAL METAL FRAMING

Part 1 - GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this specification section by reference thereto and shall have the same force and effect as if printed herewith in full.

1.2 SUMMARY

- A. This Section includes non-load-bearing steel framing members for the following applications:
 - 1. Gypsum Board Assemblies (Rated/Non-Rated/Non-Bearing Construction)
 - a. Interior framing systems (e.g., supports for partition walls, framed soffits, furring etc.).

1.3 SUBMITTALS

- A. Provide material submissions for all items as specified in Section 01 33 00 – Submittals.

1.4 QUALITY ASSURANCE

- A. Fire-Test-Response Characteristics: For fire-resistance-rated assemblies that incorporate non-load-bearing steel framing, provide materials and construction identical to those tested in assembly indicated according to ASTM E 119 by an independent testing agency.

Part 2 - PRODUCTS

2.1 NON-LOAD-BEARING STEEL FRAMING, GENERAL

- A. Framing Members, General: Comply with ASTM C 754 for conditions indicated.
 - 1. Fire Rated Assemblies: Provide type(s) listed in tested assemblies referenced.

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2.2 STEEL FRAMING FOR FRAMED ASSEMBLIES

- A. Steel Studs and Runners: ASTM C 645.
 - 1. Minimum Base-Metal Thickness: Provide thickness listed in tested assemblies referenced.
- B. Cold-Rolled Channel Bridging: 0.0538-inch bare-steel thickness, with minimum 1/2-inch- wide flanges.
 - 1. Depth: 1-1/2 inches.
 - 2. Clip Angle: Not less than 1-1/2 by 1-1/2 inches, 0.068-inch- thick, galvanized steel.

2.3 AUXILIARY MATERIALS

- A. Fasteners for Metal Framing: Of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel members to substrates.

Part 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Installation Standard: ASTM C 754.
 - 1. Gypsum Board Assemblies: Also comply with requirements in ASTM C 840 that apply to framing installation.

3.2 INSTALLING FRAMED ASSEMBLIES

- A. Where studs are installed directly against exterior masonry walls or dissimilar metals at exterior walls, install isolation strip between studs and exterior wall.
- B. Install tracks (runners) at floors and overhead supports. Extend framing full height to structural supports or substrates above suspended ceilings, except where partitions are indicated to terminate at suspended ceilings. Continue framing around ducts penetrating partitions above ceiling.
 - 1. Slip-Type Head Joints: Where framing extends to overhead structural supports, install to produce joints at tops of framing systems that prevent axial loading of finished assemblies.

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2. Door Openings: Screw vertical studs at jambs to jamb anchor clips on door frames; install runner track section (for cripple studs) at head and secure to jamb studs.
 - a. Install two studs at each jamb, unless otherwise indicated.
 - 1) Use 0.0312 inch thick studs for heavy (200-300 lbs.) doors up to 48 inches.
 - 2) Provide cold-rolled channel bridging on studs at the hinge side of doors.
 - b. Extend jamb studs through suspended ceilings and attach to underside of overhead structure.
 3. Fire-Resistance-Rated Partitions: Install framing to comply with fire-resistance-rated assembly indicated and support closures and to make partitions continuous from floor to underside of solid structure.
- C. Installation Tolerance: Install each framing member so fastening surfaces vary not more than 1/8 inch from the plane formed by faces of adjacent framing.

END OF SECTION 09 22 16

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SECTION 09 29 00
GYPSUM BOARD

Part 1 - GENERAL

1.1 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this specification section by reference thereto and shall have the same force and effect as if printed herewith in full.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Interior gypsum board.
 - 2. Rated assembly schedule.
 - 3. Vinyl Wall Base

1.3 SUBMITTALS

- A. Provide material submissions for all items as specified in Section 01 33 00 – Submittals.

1.4 QUALITY ASSURANCE

- A. Fire-Resistance-Rated Assemblies: For fire-resistance-rated assemblies, provide materials and construction identical to those tested in assembly indicated according to ASTM E 119 by an independent testing agency.

Part 2 - PRODUCTS

2.1 INTERIOR GYPSUM BOARD

- A. General: Complying with ASTM C 36/C 36M or ASTM C 1396/C 1396M, as applicable to type of gypsum board indicated and whichever is more stringent.
 - 1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. American Gypsum Co.
 - b. BPB America Inc.
 - c. G-P Gypsum.

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- d. Lafarge North America Inc.
- e. National Gypsum Company.
- f. USG Corporation.

B. Type X: complying with requirements of fire-resistance-rated assemblies indicated on Drawings and/or noted in the Gypsum Assembly Schedule listed herein.

- 1. Thickness: 5/8 inch.
- 2. Long Edges: Tapered and featured (rounded or beveled) for prefilling.

2.2 TRIM ACCESSORIES

A. Interior Trim: ASTM C 1047.

- 1. Material: Galvanized or aluminum-coated steel sheet, or rolled zinc
- 2. Shapes:
 - a. L-Bead

2.3 JOINT TREATMENT MATERIALS

A. General: Comply with ASTM C 475/C 475M.

B. Joint Tape:

- 1. Interior Gypsum Wallboard: Paper.

C. Joint Compound for Interior Gypsum Wallboard: For each coat use formulation that is compatible with other compounds applied on previous or for successive coats, subject to compliance with requirements of UL listed assembly.

- 1. Prefilling: At open joints and damaged surface areas, use setting-type taping compound.
- 2. Embedding and First Coat: For embedding tape and first coat on joints, fasteners, and trim flanges, use all-purpose compound.
 - a. Use setting-type compound for installing paper-faced metal trim accessories.
- 3. Fill Coat: For second coat, use drying-type, all-purpose compound.
- 4. Finish Coat: For third coat, use drying-type, all-purpose compound.

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2.4 AUXILIARY MATERIALS

- A. General: Provide auxiliary materials that comply with referenced installation standards and manufacturer's written recommendations.
- B. Steel Drill Screws: ASTM C 1002, unless otherwise indicated.
 - 1. Use screws complying with ASTM C 954 for fastening panels to steel members from 0.033 to 0.112 inch thick.
- C. Vinyl Wall Base
 - 1. Thickness: 1/8 inch nominal.
 - 2. Height: 4 inch.
 - 3. Length: 4 foot straight sections.
 - 4. Profile: Coved.
 - 5. Flexibility: Will not crack, break, or show any signs of fatigue when bent around a 1/4 inch diameter cylinder.
 - 6. Performance Requirements: Meets or exceeds the performance requirements for resistance to heat/light aging and dimensional stability per ASTM F-1861.
 - 7. Adhesive: Manufacturer's standard for gypsum board substrate.
 - 8. Warranty: One year.

Part 3 - EXECUTION

3.1 APPLYING AND FINISHING PANELS, GENERAL

- A. Comply with ASTM C 840.
- B. Examine panels before installation. Reject panels that are wet, moisture damaged, and mold damaged.
- C. Isolate perimeter of gypsum board applied to non-load-bearing partitions at structural abutments, except floors. Provide 1/4- to 1/2-inch-wide spaces at these locations, and trim edges with edge trim where edges of panels are exposed. Seal joints between edges and abutting structural surfaces with acoustical sealant.

3.2 APPLYING INTERIOR GYPSUM BOARD

- A. Install interior gypsum board in the following locations:
 - 1. Type X: Where required for fire-resistance-rated assembly

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3.3 INSTALLING TRIM ACCESSORIES

- A. General: For trim with back flanges intended for fasteners, attach to framing with same fasteners used for panels. Otherwise, attach trim according to manufacturer's written instructions.
- B. Control Joints: Install control joints at locations indicated on Drawings and according to ASTM C 840 and in specific locations approved by Architect for visual effect.
- C. Interior Trim: Install in the following locations:
 - 1. Cornerbead: Use at outside corners.

3.4 INSTALLING VINYL WALL BASE

- A. The installation of Vinyl Wall Bases should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive wall base shall be clean, fully enclosed, weathertight, and maintained at a uniform temperature of at least 65 degrees F for 24 hours before, during, and after the installation is completed. The wall base and adhesives shall be conditioned in the same manner. Floors and walls shall be clean, dry, free of dust, all paints, wallpaper, and all other foreign material, which may affect proper adhesive bonding. Wall Base may be installed on interior plaster, gypsum wallboard, concrete, masonry, mineral-reinforced cement board or similar porous surfaces.

3.5 FINISHING GYPSUM BOARD

- A. General: Treat gypsum board joints, interior angles, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration. Promptly remove residual joint compound from adjacent surfaces.
- B. Prefill open joints, rounded or beveled edges, and damaged surface areas.
- C. Apply joint tape over gypsum board joints, except those with trim having flanges not intended for tape.

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- D. Gypsum Board Finish Levels: Finish panels to levels indicated below:
1. Level 1: Ceiling plenum areas, concealed areas, and where indicated.
 2. Level 5: Suitable for surfaces receiving gloss and semi-gloss enamels and surfaces subject to severe lighting, including all gypsum board and metal door and frame surfaces.
 - a. Primer and its application to surfaces are specified in other Division 09 Sections.

3.6 PROTECTION

- A. Protect installed products from damage from weather, condensation, direct sunlight, construction, and other causes during remainder of the construction period.
- B. Remove and replace panels that are wet, moisture damaged, and mold damaged.
1. Indications that panels are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape.
 2. Indications that panels are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.

3.7 GYPSUM ASSEMBLY SCHEDULE

- A. Typical Partition Type:
1. 2-Hr. UL Designation No. U419 non-load bearing assembly description (list component constituting the assembly; 2 layers 5/8 type x GWB each side on 3-5/8 metal studs 16" o.c.) See Appendix for complete UL Design description.
 2. Finish Level: 5
 3. Location: Where indicated on the drawings.

END OF SECTION 09 29 00

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SECTION 09 91 23
INTERIOR PAINTING

Part 1 - GENERAL

1.1 SUMMARY

- A. Section includes surface preparation and the application of paint systems on the following interior substrates:
1. Gypsum board.
 2. Metal doors and frames.

1.2 SUBMITTALS

- A. Provide material submissions for all items as specified in Section 01 33 00 – Submittals.

1.3 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
1. Paint: 5 percent, but not less than 1 gal. of each material and color applied.

Part 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited the following:
1. Benjamin Moore & Co
 2. ICI Paints
 3. PPG Architectural Finishes, Inc.
 4. Sherwin-Williams Company (The)

2.2 PAINT, GENERAL

- A. MPI Standards: Provide products that comply with MPI standards indicated and that are listed in its "MPI Approved Products List."

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B. Material Compatibility:

1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
2. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.

C. VOC Content: Products shall comply with VOC limits of authorities having jurisdiction and, for interior paints and coatings applied at Project site, the following VOC limits, exclusive of colorants added to a tint base, when calculated according to 40 CFR 59, Subpart D (EPA Method 24):

1. Nonflat Paints and Coatings: 150 g/L.
2. Primers, Sealers, and Undercoaters: 200 g/L.

D. Colors: As selected by facility from manufacturer's standard range.

2.3 PRIMERS/SEALERS

- A. Primer Sealer, Interior, Institutional Low Odor/VOC: MPI #149

2.4 METAL PRIMERS

- A. Primer, Rust-Inhibitive, Water Based: MPI #107.

2.5 WATER-BASED PAINTS

- A. Latex, Interior, Institutional Low Odor/VOC (Gloss Level 3): MPI: #145
- B. Latex, Interior, Institutional Low Odor/VOC, Semi-Gloss (Gloss Level 5): MPI #147.

Part 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.

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- C. Proceed with coating application only after unsatisfactory conditions have been corrected.
 - 1. Application of coating indicates acceptance of surfaces and conditions.

3.2 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Manual" applicable to substrates indicated.
- B. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 - 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.
- C. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants.
 - 1. Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce paint systems indicated.

3.3 APPLICATION

- A. Apply paints according to manufacturer's written instructions and to recommendations in "MPI Manual."
- B. Apply paints to produce surface films without cloudiness, spotting, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

3.4 CLEANING AND PROTECTION

- A. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.
- B. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

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3.5 INTERIOR PAINTING SCHEDULE

A. Gypsum Board Substrates:

1. Institutional Low-Odor/VOC Latex System:
 - a. Prime Coat: Primer sealer, interior, institutional low odor/VOC, MPI #149.
 - b. Intermediate Coat: Latex, interior, institutional low odor/VOC, matching topcoat.
 - c. Topcoat: Latex, interior, institutional low odor/VOC, (Gloss Level 3), MPI #145.

B. Steel Substrates:

1. Institutional Low-Odor/VOC Latex System:
 - a. Prime Coat: Primer, rust-inhibitive, water based MPI #107.
 - b. Intermediate Coat: Latex, interior, institutional low odor/VOC, matching topcoat.
 - c. Topcoat: Latex, interior, institutional low odor/VOC, semi-gloss (Gloss Level 5), MPI #147.

END OF SECTION 09 91 23

END OF SPECIFICATION

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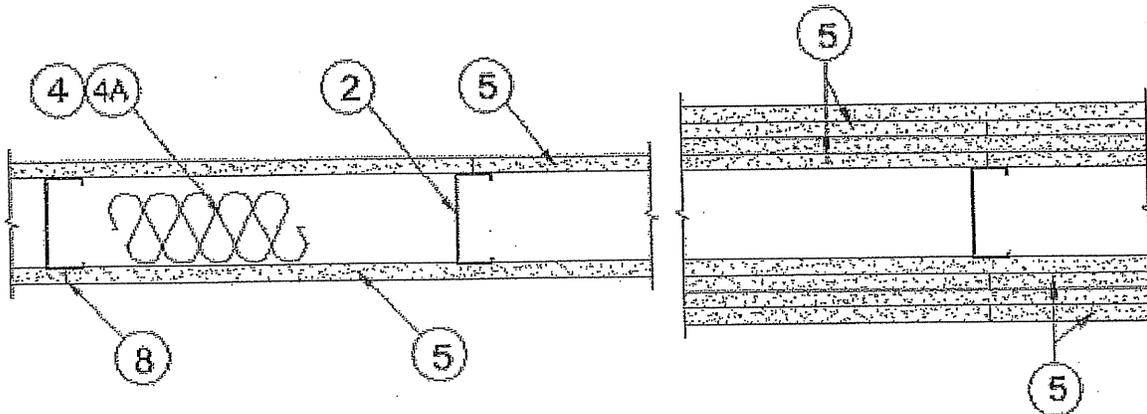
APPENDIX

Fire Resistance Ratings - ANSI/UL 263

Design No. U419

April 04, 2011

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5)



1. **Floor and Ceiling Runners** — (Not shown) — For use with Item 2 - Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

1A. **Framing Members* - Floor and Ceiling Runners** — Not shown - In lieu of Item 1 — For use with Item 2A, proprietary channel shaped, min. 3-5/8 in. deep, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC max. Effective thickness is 0.034 in.

CLARKWESTERN BUILDING SYSTEMS INC — UltraSTEEL®

DIETRICH INDUSTRIES INC — UltraSTEEL®.

1B. **Framing Members* - Floor and Ceiling Runners** — (Not shown - In lieu of Item 1) — For use with Item 2A, proprietary channel shaped, min. 2-1/2 in. deep, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling fasteners 24 in. OC. max. Effective thickness is 0.034 in.

CLARKWESTERN BUILDING SYSTEMS INC — UltraSTEEL®

DIETRICH INDUSTRIES INC — UltraSTEEL®.

1C. **Framing Members* - Floor and Ceiling Runner** — Not shown - In lieu of Item 1. — For use with Item 2C, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

CALIFORNIA EXPANDED METAL PRODUCTS CO — ViperTrack™

CRACO MFG INC — SmartTrack™

MARINO/WARE, DIV OF WARE INDUSTRIES

INC — Viper25™ Track

TELLING INDUSTRIES L L C — Viper25™ Track

1D. Framing Members* - Floor and Ceiling Runner — Not shown - In lieu of Item 1 — For use with Item 2D, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

MARINO/WARE, DIV OF WARE INDUSTRIES

INC — Viper20S™ Track, Viper20D™ Track

TELLING INDUSTRIES L L C — Viper20S™ Track, Viper20D™ Track

1E. Framing Members*— Floor and Ceiling Runners — (Not shown) — In lieu of Item 1 - Channel shaped, attached to floor and ceiling with fasteners 24 in. OC. max.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP,

BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

1F. Floor and Ceiling Runners — (Not shown)—For use with Item 2B- Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1G. Framing Members*— Floor and Ceiling Runners — (Not shown, As an alternate to Item 1) — For use with Item 2F and 5F or 5G only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

CLARKWESTERN BUILDING SYSTEMS INC — CW ProTRAK

DIETRICH INDUSTRIES INC — DIETRICH ProTRAK

DMFCWBS L L C — ProTRAK

MBA BUILDING SUPPLIES — ProTRAK

SOUTHEASTERN STUD & COMPONENTS INC — ProTRAK

TELLING INDUSTRIES L L C — TRUE-TRACK™

1H. Framing Members* - Floor and Ceiling Runner — Not shown - In lieu of Item 1 — For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size, with 1- 1/8 in. long legs fabricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

SUPER STUD BUILDING PRODUCTS — The Edge

2. Steel Studs — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

2A. Framing Members* - Steel Studs — In lieu of Item 2 - Proprietary channel shaped studs, min. depth as indicated under Item 5, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. Allowable use of studs is shown in the table below. For direct attachment of gypsum board only. Effective thickness is 0.034 in.

CLARKWESTERN BUILDING SYSTEMS INC — UltraSTEEL®

DIETRICH INDUSTRIES INC — UltraSTEEL®.

2B. Steel Studs — (As an alternate to Item 2, For use with Items 5B & 5E) Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2C. Framing Members* - Steel Studs — (As an alternate to Item 2, For use with Item 5C) - Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.

CALIFORNIA EXPANDED METAL PRODUCTS CO — ViperStud™

CRACO MFG INC — SmartStud™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

TELLING INDUSTRIES L L C — Viper25™

2D. Framing Members* - Metal Studs — Not shown - In lieu of Item 2 — For use with Item 1D, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.020 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20S™, Viper20D™

TELLING INDUSTRIES L L C — Viper20S™, Viper20D™

2E. Framing Members*— Steel Studs — In lieu of Item 2 - For Use with Item 1E- Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP,

BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

2F. Framing Members*— Steel Studs — (Not shown, As an alternate to Item 2) —For use with Item 1G and 5F or 5G only, channel shaped studs, min depth as indicated under Item 5F, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

CLARKWESTERN BUILDING SYSTEMS INC — CW ProSTUD

DIETRICH INDUSTRIES INC — DIETRICH ProSTUD

DMFCWBS L L C — ProSTUD

MBA BUILDING SUPPLIES — ProSTUD

SOUTHEASTERN STUD & COMPONENTS INC — ProSTUD

TELLING INDUSTRIES L L C — TRUE-STUD™

2G. Framing Members* - Metal Studs — Not shown - In lieu of Item 2 — For use with Item 1H, proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights.

SUPER STUD BUILDING PRODUCTS — The Edge

3. Wood Structural Panel Sheathing — (Optional, For use with Item 5 Only.)- (Not Shown) - 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the

perimeter and 12 in. OC. in the field. When used, fastener lengths for gypsum panels increased by min. 1/2 in.

4. **Batts and Blankets*** — (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.

4A. **Batts and Blankets*** — (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.

5. **Gypsum Board*** — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2, 2D, 2E, and 2G	Min Stud Depth, in. Item 2A	No. of Layers & Thickness of Panel	Min Thickness of Insulation (Item 4)
1	3-1/2	3-5/8	1 layer, 5/8 in. thick	Optional
1	2-1/2	3-5/8	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	3-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2-1/2	2 layers, 1/2 in. thick	Optional
2	1-5/8	2-1/2	2 layers, 5/8 in. thick	Optional
2	3-1/2	3-5/8	1 layer, 3/4 in. thick	3 in.
3	1-5/8	2-1/2	3 layers, 1/2 in. thick	Optional
3	1-5/8	2-1/2	2 layers, 3/4 in. thick	Optional
3	1-5/8	2-1/2	3 layers, 5/8 in. thick	Optional
4	1-5/8	2-1/2	4 layers, 5/8 in. thick	Optional
4	1-5/8	2-1/2	4 layers, 1/2 in. thick	Optional
4	2-1/2	2-1/2	2 layers, 3/4 in. thick	2 in.

CANADIAN GYPSUM COMPANY — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SHX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR ; 3/4 in. thick Types IP-X3 or ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, Steel Framing Members*, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.

5A. **Gypsum Board*** — (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.

CANADIAN GYPSUM COMPANY — Type SHX.

UNITED STATES GYPSUM CO — Type FRX-G, SHX.

USG MEXICO S A DE C V — Type SHX.

5B. **Gypsum Board*** — (Not Shown) - As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2B, (not to be used with Item 3) - Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12).

RAY-BAR ENGINEERING CORP — Type RB-LBG

5C. **Gypsum Board*** — (For Use With Item 2C) Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on

each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.

CANADIAN GYPSUM COMPANY — Type SCX.

UNITED STATES GYPSUM CO — Type SCX.

USG MEXICO S A DE C V — Type SCX.

5D. Gypsum Board* — (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only.

UNITED STATES GYPSUM CO — Type USGX.

5E. Gypsum Board* — (Not Shown) - (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2B, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

NEW ENGLAND LEAD BURNING CO INC, DBA

NELCO — Nelco

5F. Gypsum Board* — (As an alternate to Item 5) — For use with Items 1G and 2F and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in.

UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX.

5G. Gypsum Board* — (As an alternate to Item 5) — For use with Items 1G and 2F only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Item 2F	No. of Layers & Thickness of Panel	Min Thkns of Insulation (Item 4)
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional

CANADIAN GYPSUM COMPANY — 1/2 in. thick Type C, IP-X2 or IPC-AR; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR ; 3/4 in. thick Types IP-X3 or ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

6. Fasteners — (Not shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. **Two layer systems:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Three-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. **Four-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

6A. Fasteners — (Not shown) — For use with Item 2A - Type S or S-12 steel screws used to attach panels to studs (Item 2A). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8-1/2 in. OC with additional screws 1 in. and 2-1/2 in. from edges of the board when panels are horizontally. or 8 in. OC along vertical and

bottom edges and 12 in. OC in the field when panels are applied vertically. **Two layer systems applied vertically:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Two layer systems applied horizontally:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC starting 8 in. from each edge of the board with an additional screw placed 1-1/4 in. from each edge of the board. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC starting 8 in. from each edge of the board with an additional screw placed 1-1/4 in. from each edge of the board with screws offset 8 in. from first layer. **Three-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. For all layers, an additional screw shall be placed 1-1/4 in. from each edge of the board. **Four-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. For all layers, an additional screw shall be placed 1-1/4 in. from each edge of the board.

7. Furring Channels — (Optional, not shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A and 5E.

7A. Framing Members* — (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.

b. Steel Framing Members* — Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips.

PAC INTERNATIONAL INC — Types RSIC-1, RSIC-V.

7B. Framing Members* — (Optional, Not Shown) — As an alternate to Item 7, for single or double layer systems, furring channels and Steel Framing Members on only one side of studs as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 5A and 5E.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.

KINETICS NOISE CONTROL INC — Type Isomax

7C. **Framing Members*** — Optional - Not Shown - Used as an alternate method to attach resilient channels (Item 7). Clips attached at each intersection of the resilient channel and the steel studs (Item 2). Resilient channels are friction fitted into clips, and then clips are secured to the steel stud with min. 1 in. long Type S-12 steel screws through the center hole of the clip and the resilient channel flange.

KEENE BUILDING PRODUCTS CO INC — Type RC Assurance.

7D. **Framing Members*** — (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.

PLITEQ INC — Type GENIECLIP

8. **Joint Tape and Compound** — Vinyl or casein; dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.

9. **Siding, Brick or Stucco** — (Optional, not shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

10. **Caulking and Sealants*** — (Optional, not shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.

UNITED STATES GYPSUM CO — Type AS

11. **Lead Batten Strips** — (Not Shown, For Use With Item 5B) - Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips

required behind vertical joints of lead backed gypsum wallboard (Item 5B) and optional at remaining stud locations. Required behind vertical joints.

12. **Lead Discs or Tabs** — (Not Shown, For Use With Item 5B) - Used in lieu of or in addition to the lead batten strips (Item 11) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5B) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

13. **Lead Batten Strips** — (Not Shown, For Use With Item 5E) Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5E) and optional at remaining stud locations.

14. **Lead Tabs** — (Not Shown, For Use With Item 5E) 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 5E) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

*Bearing the UL Classification Mark

Last Updated on 2011-04-04

PROOF OF VISIT

Department of Public Welfare
Division of Facilities and Property Management

Project No. W-0502-1004
Install Fire Rated Walls in Newton Hall
Clarks Summit State Hospital

Vendor's Name: _____

Address: _____

I visited the Project site and reviewed the work to be completed prior to submitting a Bid Proposal.

Signature _____ Date _____

ESCORTED BY:

Facility
Representative's
Signature: _____

Title: _____

Date Escorted: _____

SPECIAL NOTE TO BIDDER

**One signed copy of this Proof of Visit form must be returned with your Bid or your Bid will be rejected.
You may keep one copy for your records.**

PROOF OF VISIT

Department of Public Welfare
Division of Facilities and Property Management

Project No. W-0502-1004
Install Fire Rated Walls in Newton Hall
Clarks Summit State Hospital

Vendor's Name: BOGNET, INC.

Address: 573 CAN-DO EXPRESSWAY

 HAZLE TOWNSHIP, PA 18202

I visited the Project site and reviewed the work to be completed prior to submitting a Bid Proposal.

Signature: James D. Bogert Date: 9/30/11

ESCORTED BY:

Facility Representative's Signature: Thomas J. [Signature]

Title: Pmn 2

Date Escorted: 9 - 30 - 11

SPECIAL NOTE TO BIDDER

**One signed copy of this Proof of Visit form must be returned with your Bid or your Bid will be rejected.
You may keep one copy for your records.**

ARTICLE 11: PROJECT DRAWINGS

Drawings will be
provided during your
site visit at
Clarks Summit State
Hospital prior to
submission of your
bid.

ARTICLE 12: FORMS

Department of Public Welfare Division of Facilities and Property Management 1401 North 7 th Street P. O. Box 2675 Harrisburg, Pennsylvania 17105-2675	Change Order Request # _____ Vendor _____	Project No.: W- _____ Project Title: _____ Facility: _____ Funds Commitment #: _____
---	--	---

SECTION ONE – COMPLETED BY ORIGINATOR

- A. The Originator of this Change Order Request is: Facility/Using Agency Contractor
- B. This is a: Debit Credit Time Extension Other (Choose appropriate boxes)
- C. Describe the Change(s) Requested: (Attach letter or proposals, if available.)

- D. Additional Days Requested To Be Added to Contract _____ (Days)
- E. Original Completion Date of Contract _____ New Completion Date of Contract _____
- F. Dollar Amount of Change Order (+ or -) \$ _____
- G. Name of Originator _____ Tele # _____ Date _____

SECTION TWO – COMPLETED BY FACILITY PROGRAM OFFICE DESIGNEE

- A. Do you agree with the Requested Change Order Description? Yes No

(Provide revised description and cost estimate if different from SECTION ONE above.) _____

- B. This Change Order is a direct result of (choose one only)
- Request of the Facility Post Design Revision Acts of God/Weather
- Unforeseen Job Conditions Other Reasons (explain) _____

C. Name of Facility Reviewer: _____ Telephone No.: _____ Date: _____

- D. Final Cost of Change Order: \$ _____ Debit Credit
- Contingency Funds Available: \$ _____ Additional Funds Required: \$ _____
- Funds to be disencumbered: \$ _____

- E. Contractor's quote and approval letter attached _____ Yes _____ No

Fund (10 digits)				Cost Center (10 digits)				General Ledger (7 digits)			
Ledger (2 digits)	Approp. (3 digits)	Fiscal Year	All Zeros (3 digits)	Agency (2 digits)	Dep (1)	Organization (4 digits)	Cost Function (3 digits)	Item (1)	Minor Object (3 digits)	Sub-Object (3 digits)	

SECTION THREE – COMPLETED BY DIVISION OF FACILITIES AND PROPERTY MANAGEMENT

A. Change Order Reviewed: Approved Not Approved Modified

B. Reason(s) for disapproval/modification: _____

C. Title of Reviewer: _____ Bureau/Division: _____

D. Name of Reviewer: _____ Telephone No.: _____ Date _____

SECTION FOUR – COMPLETED BY COMPTROLLER'S OFFICE

Must be approved by comptroller if contingency funds are not available.

Funds are available in the amount of \$ _____ for

Comptroller's Signature: _____ Date _____

A. Comptroller's Comments:

Upon completion, DFPM will distribute ccs to:

- Comptroller
- Budget
- Procurement
- Facility's COO
- Facility's Financial Manager
- Facility's Purchasing Agent
- Facility's Maintenance Manager
- DFPM

Department of Public Welfare Division of Facilities and Property Management 1401 North 7 th Street P.O. Box 2675 Harrisburg, Pennsylvania 17105	CERTIFICATE OF FINAL COMPLETION AND FINAL PAYMENT	Project No.: _____ Project Title _____ Location: _____ Funds Commitment # _____ : _____
---	--	---

SECTION ONE

The Contractor on this project does hereby certify the Final Completion and Inspection Date as follows:

- A. That the work associated with the above-referenced project has been deemed complete on this date, _____; and further;
- B. That all of the construction work of this contract on the above-referenced project has been completed in an acceptable manner and in accordance with the plans and specifications and any approved contract modifications thereto, with the exception of those punch list items requiring completion as detailed in Section Two; and;
- C. That the Contractor, by virtue of said completion, can be paid all funds due and owing for the contract indicated above less one and one-half times the aggregate value of those certain Punch List items requiring completion or correction and any additional funds required to be retained by the Department, as set out in the General Conditions of Contract, and as indicated in Section Two or attached documents.

WITNESS the due execution hereof the _____ day of _____ year _____

 Contractor's Name

SECTION TWO

A. The Facility and the Designer shall detail all items required to be completed or corrected to comply with the Contract Documents and assess a reasonable cost to complete in the Punch List below (additional sheets may be attached, if required).

ITEM NO.	DESCRIPTION	VALUE
		\$
		\$
		\$
		\$
		\$

Sub Total \$ _____
 X 1.5 Multiplier

Punch List Total \$ _____

B. All Punch List Items shall be completed within thirty days after the date of the Final Completion, or before the contract's completion date, whichever comes first.

Recapitulation of Funds Retained

Punch List Total Listed Above	\$
Credit Change Order(s) Pending	\$
Debit Change Order(s) Pending	\$
Other Claims Pending	\$

Grand Total \$ _____

C. The Grand Total Amount is Agreed to by the Following Signees:

Contractor/Owner _____	Facility Representative _____	Div. of Fac. & Property Mgmt. Designer _____
Phone No.: _____	Phone No.: _____	Phone No.: _____
Date: _____	Date: _____	Date: _____

Vendor signs form and submits final invoice to facility. FMM & DFPM Designer review project and sign form. Facility submits completed form and final invoice to Comptroller for payment.

RECIPROCAL LIMITATIONS ACT
 REQUIREMENTS

Please Complete Applicable Portion of Pages 3 & 4 and Return with Bid.

NOTE: These Requirements Do Not Apply To Bids Under \$10,000.00

I. REQUIREMENTS

A. The Reciprocal Limitations Act requires the Commonwealth to give preference to those bidders offering supplies produced, manufactured, mined or grown in Pennsylvania as against those bidders offering supplies produced, manufactured, mined or grown in any state that gives or requires a preference to supplies produced, manufactured, mined or grown in that state. The amount of the preference shall be equal to the amount of the preference applied by the other state for that particular supply.

The following is a list of states which have been found by the Department of General Services to have applied a preference for in-state supplies and the amount of the preference:

STATE	PREFERENCE
1. Alaska	7% (applies only to timber, lumber, and manufactured lumber products originating in the state)
2. Arizona	5% (construction materials produced or manufactured in the state only)
3. Hawaii	10%
4. Illinois	10% for coal only
5. Iowa	5% for coal only
6. Louisiana	4% meat and meat products 4% catfish 10% milk & dairy products 10% steel rolled in Louisiana
7. Montana	7% all other products 5% for residents* 3% for non-residents* *offering in-state goods, supplies, equipment and materials
8. New Mexico	5%
9. New York	3% for purchase of food only
10. Oklahoma	5%
11. Virginia	4% for coal only
12. Washington	5% (fuels mined or produced in the state only)
13. Wyoming	5%

B. The Reciprocal Limitations Act requires the Commonwealth to give preference to those bidders offering printing performed in Pennsylvania as against those bidders offering printing performed in any state that gives or requires a preference to printing performed in that state. The amount of the preference shall be equal to the amount of the preference applied by the other state for that particular category of printing.

The following is a list of states which have been found by the Department of General Services to have applied a preference for in-state printing and the amount of the preference:

STATE	PREFERENCE
1. Hawaii	15%
2. Idaho	10%
3. Louisiana	3%
4. Montana	8%
5. New Mexico	5%
6. Wyoming	10%

C. The Reciprocal Limitations Act, also requires the Commonwealth to give resident bidders a preference against a nonresident bidder from any state that gives or requires a preference to bidders from that state. The amount of the preference shall be equal to the amount of the preference applied by the state of the nonresident bidder. The following is a list of the states which have been found by the Department of General Services to have applied a preference for in-state bidders and the amount of the preference:

STATE	PREFERENCE
1. Alaska	5%(supplies only)
2. Arizona	5%(construction materials from Arizona resident dealers only)
3. California	5%(for supply contracts only in excess of \$100,000.00)

- | | |
|-------------------|---|
| 4. Connecticut | 10%(for supplies only) |
| 5. Montana | 3% |
| 6. New Mexico | 5%(for supplies only) |
| 7. South Carolina | 2%(under \$2,500,000.00)
1%(over \$2,500,000.00) |
| | This preference does not apply to construction contracts nor where the price of a single unit exceeds \$10,000. |
| 8. West Virginia | 2.5%(for the construction, repair or improvement of any buildings |
| 9. Wyoming | 5% |

D. The Reciprocal Limitations Act also requires the Commonwealth not to specify, use or purchase supplies which are produced, manufactured, mined or grown in any state that prohibits the specification for, use, or purchase of such items in or on its public buildings or other works, when such items are not produced, manufactured, mined or grown in such state. The following is a list of the states which have been found by the Department of General Services to have prohibited the use of out-of-state supplies:

STATE	PROHIBITION
1. Alabama	Only for printing and binding involving "messages of the Governor to the Legislature", all bills, documents and reports ordered by and for the use of the Legislature or either house thereof while in session; all blanks, circulars, notices and forms used in the office of or ordered by the Governor, or by any state official, board, commission, bureau or department, or by the clerks of the supreme court . . . /and other appellate courts/; and all blanks and forms ordered by and for the use of the Senate and Clerk or the House of Representatives, and binding the original records and opinions of the Supreme Court . . . /and other appellate courts/
2. Georgia	Forest products only
3. Indiana	Coal
4. Michigan	Printing
5. New Jersey	For legislative printing and bidders for all of the following items: automotive parts, farm machinery, stainless steel tableware; kitchen small wares, major household appliances, chain link fence, portable sanitation units, glass, glazier supplies, storage batteries, spark plugs and filters, automotive glass, dental casting, prosthetic devices, pianos, musical instruments, carpet and cushion, shades, upholstery materials and supplies, room air conditioning, electrical supplies, plumbing supplies, hardware supplies, fasteners, lumber, building supplies, audiovisual/video equipment, fire extinguishers, fire hose, motor oils, fuel oil, sporting goods, photographic supplies, police equipment and supplies, venetian blinds, drapes, cheese, fresh fruit and vegetables, ammonia, bleach, pails, cleaning soaps, toilet cleaner, bowl cleaner, sponges, paper towel dispensers, water hose, course paper products, corrections department uniforms fine paper and paper cups.
6. New Mexico	Construction
7. Ohio	Only for House and Senate bills, general and local laws, and joint resolutions; the journals and bulletins of the Senate and house of Representatives and reports, communications, and other documents which form part of the journals; reports, communications, and other documents ordered by the General Assembly, or either House, or by the executive department or elective state officers; blanks, circulars, and other work for the use of the executive departments, and elective state officers; and opinions of the Attorney General.
8. Rhode Island	Only for food for state institutions.

*If the bid discloses that the bidder is offering to supply one of the above-listed products from the listed state (or in the case of New Jersey, if the bid discloses that the bidder is from New Jersey and it is offering one of the above-listed items), it shall be rejected. Contractors are prohibited from supplying these items from these states.

II. CALCULATION OF PREFERENCE

In calculating the preference, the amount of a bid submitted by a Pennsylvania bidder shall be reduced by the percentage preference which would be given to a nonresident bidder by its state of residency (as found by the Department of General Services in Paragraph C above). Similarly, the amount of a bid offering Pennsylvania goods, supplies, equipment or materials shall be reduced by the percentage preference which would be given to another bidder by the state where the goods, supplies, equipment or materials are produced, manufactured, mined or grown (as found by the Department of General Services in Paragraphs A and B above).

THIS FORM MUST BE COMPLETED AND RETURNED WITH THE BID

III. STATE OF MANUFACTURE

All bidders must complete the following chart by listing the name of the manufacturer and the state (or foreign country) of manufacture for each item. If the item is domestically produced, the bidder must indicate the state in the United States where the item will be manufactured. This chart must be completed and submitted with the bid or no later than two (2) business days after notification from the Issuing Office to furnish the information. Failure to complete this chart and provide the required information prior to the expiration of the second business day after notification shall result in the rejection of the bid.

ITEM NUMBER	NAME OF MANUFACTURER	STATE (OR FOREIGN COUNTRY) OF MANUFACTURE
doors and frames	Ceco Door Products	Tennessee
Steel Studs	Clark Dietrich Building Systems	Maryland
Drywall	National Gypsum	North Carolina

IV. BIDDER'S RESIDENCY

A. In determining whether the bidder is a nonresident bidder from a state that gives or requires a preference to bidders from that state, the address given on the first page of this invitation to bid shall be used by the Commonwealth. If that address is incorrect, or if no address is given, the correct address should be provided in the space below:

Correct Address:

573 CAN-DO EXPRESSWAY
HAZLE TOWNSHIP, PA 18202

B. In order to claim the preference provided under Section I.B., Pennsylvania resident bidders must complete the following or have such information on file with the Issuing Office:

1. Address of bidder's bona fide establishment in Pennsylvania at which it was transacting business on the date when bids for this contract/requisition were first solicited:

573 CAN-DO EXPRESSWAY

HAZLE TOWNSHIP, PA 18202

2. a. If the bidder is a corporation:

(1) The corporation is or is not incorporated under the laws of the Commonwealth of Pennsylvania.

(a) If the bidder is incorporated under the laws of the Commonwealth of Pennsylvania, provide date of incorporation:

SEPTEMBER 1, 1973

(b) If the bidder is not incorporated under the laws of the Commonwealth of Pennsylvania, it must have a certificate of authority to do business in the Commonwealth of Pennsylvania from the Pennsylvania Department of State as required by the Pennsylvania Business Corporation Law (15 P.S. §2001). Provide date of issuance of certificate of authority:

(2) The corporation is or is not conducting business in Pennsylvania under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, it must register the fictitious name with the Secretary of the Commonwealth and the office of the prothonotary of the county wherein the registered office of such corporation is located as required by the Fictitious Corporate Name Act, as amended 15 P.S. §51 et seq. Corporate bidders conducting business under an assumed or fictitious name must provide date of registry of the assumed or fictitious name:

b. If the bidder is a partnership:

(1) The partnership is or is not conducting business in Pennsylvania under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, it must file with the Secretary of the Commonwealth and the office of the prothonotary the county wherein the principal place of business is located as required by the Fictitious Name Act of May 24, 1945, P.L. 967, as amended 54 P.S. §28.1. Partnerships conducting business under an assumed or fictitious name must provide the date of filing of the assumed or fictitious name with the Secretary of the Commonwealth:

(2) The partnership is or is not a limited partnership formed under the laws of any jurisdiction other than the Commonwealth of Pennsylvania. If the bidder is an Out-of-state limited partnership, it must register with the Pennsylvania Department of State as required by the Act of July 10, 1981, P.L. 237, as amended, 59 Pa. C.S.A. §503. Out-of-state limited partnerships must provide the date of registry with the Pennsylvania Department of State:

c. If the bidder is an individual:

He or she is or is not conducting business under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, he or she must file with the Secretary of the Commonwealth and the office of the prothonotary in the county wherein the principal place of business is located as required by the Fictitious Name Act of May 24, 1945, P.L. 967, as amended, 54 P.S. §28.1. Individuals conducting business under an assumed or fictitious name must provide the date of filing of the assumed or fictitious name with the Secretary of the Commonwealth:

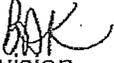
MEMORANDUM

PA Department of Public Welfare
Bureau of Equal Opportunity

Date: November 7, 2011

Subject: Evaluation and Determination
RFP: W-0502-1004
Effective Date: Within 120 days
RE: Install Fire Rated Walls in Newton Hall – Clarks Summit SH
Minimum Participation Levels: MBE 5% WBE 3%

To: Greg Kratzer, Projects Manager
Division of Facilities & Property Management

From: Brenda A. Kates, Chief 
Contract Compliance Division

Pursuant to the Department of General Services Field Procurement Handbook-Part III, this office has evaluated the bid documents forwarded for this project. As a result of the evaluation, we have determined the following:

The bid submission of Bognet, Inc. at \$62,374.00 is responsive since the bidder did submit the required MBE/WBE Contract/Solicitation and Commitment Statement, along with sufficient evidence from which to evaluate the bidder's responsibility. All work will be done in house by the contractor's employees.

Immediately upon award of this contract, the name, address and amount of the award to the awardee should be forwarded to this office.

If you need additional assistance or have any questions, please contact me at (717) 787-9695.

**MBE/WBE SUBCONTRACTOR AND SUPPLIER
 SOLICITATION AND COMMITMENT FORM**

<p>(1) Company Name: BOGNET, INC. Address: 573 Can-Do Expressway Hazle Township, PA 18202 Telephone: (570) 454-2584 FAX: (570) 454-7980 E-Mail Address: jbognet@bognetinc.com Contact Person: James G. Bognet</p>	<p>(2) Contract Number: W-0502-1004 Bid Opening Date: October 12, 2011 Bid Amt. (Base Bid #1):</p>
<p>Important Note: Failure to complete this Form and Submit it with the bid will be sufficient cause for Rejection of the bid as NOT RESPONSIVE. SEE INSTRUCTIONS ON REVERSE SIDE</p>	

ALL FIRMS SOLICITED OR WHICH HAVE PROVIDED UNSOLICITED QUOTES MUST BE INCLUDED ON THIS FORM.

(3) Company Name, Address, Zip Code Tel. No. with Area Code Contact Person's Name	(4) MBE WBE	(5) Type of Work to be Performed and/or Material to be Supplied	(6) Total Dollar Amount Of Quote Received	(7) Total Commitment Dollar Amount
Accents Painting & Wallcovering Limited 22 Church Road, Mountain Top, PA 18707 570-239-3235 Ms. Jennifer Phillips	X	Painting	None	
PA Painting & Wallcovering, Inc. 124 Legion Road, Bloomsburg, PA 17815 570-356-7045 Ms. Jewel Gardner	X	Painting	None	
EA Johnson Group, Inc. 42 Saint John Street, Schuylkill Haven, PA 17972 570-385-0313 Mr. Eric Johnson	X	Demolition, door installation and metal stud installation service	None	
Valvano Construction Route 347 Main Street, Dickson City, PA 18519 570-383-0231 Ms. Angela Valvano	X	Demolition	None	

<p>NOTE: Minimum Participation Levels (MPLs): MBE - 5% WBE - 3% A presumption of responsibility may be made if the dollar commitments to MBEs/WBEs reflect these minimum participation levels.</p>	<p style="text-align: center;">Official Use Only</p> <p style="text-align: center;">  Reviewer </p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied </p> <p style="text-align: right;"> Date <u>11/9/11</u> </p>
---	--

MBE/WBE SUBCONTRACTOR AND SUPPLIER SOLICITATION AND COMMITMENT FORM

<p>(1) Company Name: BOGNET, INC. Address: 573 Can-Do Expressway Hazle Township, PA 18202 Telephone: (570) 454-2584 FAX: (570) 454-7980 E-Mail Address: igbognet@bognetinc.com Contact Person: James G. Bognet</p>	<p>(2) Contract Number: W-0502-1004 Bid Opening Date: October 12, 2011 Bid Amt. (Base Bid #1):</p>
---	---

Important Note: Failure to complete this Form and Submit it with the bid will be sufficient cause for Rejection of the bid as **NOT RESPONSIVE**.

SEE INSTRUCTIONS ON REVERSE SIDE

ALL FIRMS SOLICITED OR WHICH HAVE PROVIDED UNSOLICITED QUOTES MUST BE INCLUDED ON THIS FORM.

(3) Company Name, Address, Zip Code Tel. No. with Area Code Contact Person's Name	(4)		(5) Type of Work to be Performed and/or Material to be Supplied	(6) Total Dollar Amount Of Quote Received	(7) Total Commitment Dollar Amount
	MBE	WBE			
Cooper Trading, Inc. P. O. Box 339, Irwin, PA 15642 724-861-8830 Mr. Peter Cooper	X		Doors and drywall	0	
Decision Distribution LLC 33 South Delaware Avenue, Yardley, PA 19067 215-493-4400 Mr. Daniel Goldman	X		Doors	0	
Blakeslee Home Improvement, Inc. Mackes Road, Blakeslee, PA 18610 570-646-8498 Ms. Paula Testa		X	Window/door installation and metal stud service	0	
Ritter Contracting, Inc. 240 Creekwood Drive, Feasterville, PA 19053 215-364-9446 Ms. Judith Ritter		X	Doors, drywall and paint/paint accessories	0	

<p>NOTE: Minimum Participation Levels (MPLs): MBE - 5% WBE - 3% A presumption of responsibility may be made if the dollar commitments to MBEs/WBEs reflect these minimum participation levels.</p>	<p style="text-align: center;">Official Use Only</p> <p style="text-align: center;">  Reviewer </p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied </p> <p style="text-align: right;"> Date <u>11/7/11</u> </p>
---	--

DEPARTMENT OF PUBLIC WELFARE
DIVISION OF FACILITIES AND PROPERTY MANAGEMENT
P. O. BOX 2675
1401 NORTH SEVENTH STREET
HARRISBURG, PENNSYLVANIA 17105-2675

CLARIFICATION NO.: _____

Issue Date: _____ Project Agency No.: _____

Project Title: _____ Bid Date: _____

Project Location: _____

The following explanation and clarification of the project specifications or drawings are provided herein. These items are hereby incorporated into the contract documents as a part of the work.

SPECIFICATIONS:

DRAWINGS:

Project Designer: _____ Telephone No.: _____

DEPARTMENT OF PUBLIC WELFARE
DIVISION OF FACILITIES AND PROPERTY MANAGEMENT
P. O. BOX 2675
1401 NORTH SEVENTH STREET
HARRISBURG, PENNSYLVANIA 17105-2675

BULLETIN NO.: _____

Issue Date: _____ Project No.: _____

Project Title: _____ Bid Date: _____

Project Location: _____

The following changes in the project specifications or drawings are provided herein. These items are hereby incorporated into the bid documents as a part of the work and will affect the bid proposal.

SPECIFICATION CHANGES:

DRAWING CHANGES:

Project Designer: _____ Telephone No.: _____

Please sign and date this Bulletin and attach a copy to the Bid Proposal. Bid will be rejected if this completed Bulletin is not included with the Bid Proposal.

Name: _____ Title: _____ Date: _____

Company: _____

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF PUBLIC WELFARE

Division of Facilities and Property Management
Architectural Section
Bertolino Building
1401 N. 7th Street, 1st Floor
P. O. Box 2675
Harrisburg, PA 17105-2675

BULLETIN NO.: 1

Issue Date: October 7, 2011 Project No.: W-0502-1004

Project Title: Install Fire Rated Walls in Newton Hall Bid Date: October 26, 2011

Project Location: Clarks Summit State Hospital

The following changes in the project specifications or drawings are provided herein. These items are hereby incorporated into the bid documents as a part of the work and will affect the bid proposal.

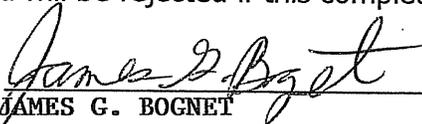
BID DATE:

REVISION

Change bid date from October 12, 2011 to October 26, 2011 at 2:00 PM

Project Designer: George Maag Telephone No.: 717-783-3973

Please sign and date this Bulletin and attach a copy to the Bid Proposal package prior to submitting the bid package. This signifies receipt of the Bulletin prior to the bid date. The Bid will be rejected if this completed Bulletin is not included with the Bid Proposal.

Name:  Title: PRESIDENT Date: 10/10/11
JAMES G. BOGNET
Company: BOGNET, INC.

PROOF OF VISIT

Department of Public Welfare
Division of Facilities and Property Management

Project No. W-0502-1004
Install Fire Rated Walls in Newton Hall
Clarks Summit State Hospital

Vendor's Name: _____

Address: _____

I visited the Project site and reviewed the work to be completed prior to submitting a Bid Proposal.

Signature _____ Date _____

ESCORTED BY:

Facility
Representative's
Signature: _____

Title: _____

Date Escorted: _____

SPECIAL NOTE TO BIDDER

**One signed copy of this Proof of Visit form must be returned with your Bid or your Bid will be rejected.
You may keep one copy for your records.**

SAMPLE – NOTICE OF AWARD – over \$25,000.

[Facility Letterhead]

Date

Contractor's Name
Address
Address

RE: DPW Project #:
[Project Title]
Amount of Contract - \$00,000.
Base Bid # _____

Gentlemen:

The Department of Public Welfare has determined that your firm has submitted the lowest responsible and responsive bid to perform work on this project. Required bonds and insurance documents must be completed and returned to [Name of Facility] in accordance with Article 9, Contract Surety and Insurance, before any work may begin.

Issuance of this Notice of Award shall not constitute a waiver of the Department's right to rescind the award. Please note that you will not have a commitment from the Department of Public Welfare until you have received a fully executed contract and a Notice to Proceed.

No off-site work should be commenced until you receive the fully executed contract and Notice to Proceed. The Facility will notify you of the date, time, and place of the Initial Job Conference, if required. Please remember that the number of calendar days allotted for completion of this contract is calculated from the effective date listed on the Notice to Proceed.

Sincerely,

[Name]
[Title]

SAMPLE - NOTICE OF AWARD - \$25,000. and under

[Facility Letterhead]

Date

Contractor's Name
Address
Address

RE: DPW Project #:
[Project Title]
Amount of Contract - \$00,000.
Base Bid # _____

Gentlemen:

The Department of Public Welfare has determined that your firm has submitted the lowest responsible and responsive bid to perform work on this project. Required insurance documents must be completed and returned to [Name of Facility] in accordance with Article 9, Insurance, before any work may begin.

Issuance of this Notice of Award shall not constitute a waiver of the Department's right to rescind the award. Please note that you will not have a commitment from the Department of Public Welfare until you have received a fully executed contract and a Notice to Proceed.

No off-site work should be commenced until you receive the fully executed contract and Notice to Proceed. The Facility will notify you of the date, time, and place of the Initial Job Conference, if required. Please remember that the number of calendar days allotted for completion of this contract is calculated from the effective date listed on the Notice to Proceed.

Sincerely,

[Name]
[Title]

Department of Public Welfare Division of Facilities and Property Management 1401 North 7 th Street P. O. Box 2675 Harrisburg, Pennsylvania 17105-2675	APPROVAL FOR MILESTONE PAYMENT	Project No.:
		Project Title:
		Location:
		Funds Commitment #:

Application is made for Milestone payment as shown below:

1. Milestone # _____; \$ _____

2. Description of Milestone:

The undersigned attest Completion of the Contractual Work conforming to Milestone # _____.

_____ Contractor/Owner	_____ Facility Representative	_____ DFPM Designer
Phone No.: _____	Phone No.: _____	Phone No.: _____
Date: _____	Date: _____	Date: _____

(After reviewed/approved and signed by above entities, attach invoice from Contractor including vendor's address and vendor's SAP #) and forward to DPW's Comptrollers for payment.)

PREVAILING WAGES PROJECT RATES

Project Name: W-0502-1004, Install Fire Rated Walls in Newton Hall, Clarks Summit State Hospital
Awarding Agency: DPW - Office of Mental Health and Substance Abuse Services
Contract Award Date: 10/12/2011
Serial Number: 11-05914
Project Classification: Building
Determination Date: 9/20/2011
Assigned Field Office: Scranton
Field Office Phone Number: 570-963-4577
Toll Free Phone Number: 877-214-3962

Lackawanna County

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Asbestos & Insulation Workers	7/1/2010		\$32.28	\$15.32	\$47.60
Asbestos & Insulation Workers	7/1/2011		\$32.28	\$15.32	\$47.60
Boilermaker (Commercial, Institutional, and Minor Repair Work)	1/1/2010		\$23.59	\$15.15	\$38.74
Boilermaker (Commercial, Institutional, and Minor Repair Work)	3/1/2011		\$24.22	\$16.02	\$40.24
Boilermakers	1/1/2011		\$37.35	\$28.12	\$65.47
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/2/2010		\$30.91	\$14.86	\$45.77
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/2/2011		\$30.91	\$14.86	\$45.77
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	5/1/2010		\$26.92	\$10.84	\$37.76
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	5/23/2011		\$26.26	\$12.25	\$38.51
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	10/1/2011		\$26.76	\$12.25	\$39.01
Cement Finishers	6/1/2010		\$29.00	\$8.53	\$37.53
Cement Finishers	6/1/2011		\$30.10	\$8.53	\$38.63
Cement Finishers	6/1/2012		\$31.10	\$8.53	\$39.63
Cement Finishers	6/1/2013		\$32.10	\$8.53	\$40.63
Dockbuilder, Pile Drivers	1/1/2010		\$29.95	\$12.25	\$42.20

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Dockbuilder, Pile Drivers	1/1/2011		\$30.35	\$13.10	\$43.45
Dockbuilder, Pile Drivers	1/1/2012		\$30.85	\$13.70	\$44.55
Dockbuilder, Pile Drivers	1/1/2013		\$31.45	\$14.20	\$45.65
Drywall Finisher	5/1/2010		\$23.86	\$13.27	\$37.13
Drywall Finisher	5/1/2011		\$24.61	\$14.52	\$39.13
Electric Lineman	3/1/2006		\$35.15	\$14.64	\$49.79
Electricians	6/1/2010		\$30.15	\$18.18	\$48.33
Electricians	12/1/2010		\$30.88	\$18.20	\$49.08
Electricians	6/1/2011		\$31.85	\$18.23	\$50.08
Electricians	6/1/2012		\$32.82	\$18.76	\$51.58
Electricians	6/1/2013		\$34.25	\$18.83	\$53.08
Elevator Constructor	1/1/2010		\$40.08	\$20.24	\$60.32
Elevator Tender (Use Elevator Apprentice or Constructor)	1/1/2008		\$0.00	\$0.00	\$0.00
Glazier	5/1/2010		\$22.73	\$14.55	\$37.28
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2010		\$30.82	\$23.28	\$54.10
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2011		\$30.82	\$24.28	\$55.10
Laborers (Class 01 - See notes)	5/1/2010		\$19.95	\$12.13	\$32.08
Laborers (Class 01 - See notes)	5/1/2011		\$19.95	\$12.58	\$32.53
Laborers (Class 01 - See notes)	5/1/2012		\$20.20	\$13.03	\$33.23
Laborers (Class 01 - See notes)	5/1/2013		\$20.50	\$13.53	\$34.03
Laborers (Class 02 - See notes)	5/1/2010		\$21.95	\$12.13	\$34.08
Laborers (Class 02 - See notes)	5/1/2011		\$21.95	\$12.58	\$34.53
Laborers (Class 02 - See notes)	5/1/2012		\$22.20	\$13.03	\$35.23
Laborers (Class 02 - See notes)	5/1/2013		\$22.50	\$13.53	\$36.03
Laborers (Class 03 - See notes)	5/1/2010		\$22.72	\$12.13	\$34.85
Laborers (Class 03 - See notes)	5/1/2011		\$22.27	\$12.58	\$34.85
Laborers (Class 04 - See notes)	5/1/2010		\$24.22	\$12.13	\$36.35
Laborers (Class 04 - See notes)	5/1/2011		\$23.77	\$12.58	\$36.35
Laborers (Class 05 - See notes)	5/1/2010		\$24.72	\$12.13	\$36.85
Laborers (Class 05 - See notes)	5/1/2011		\$24.27	\$12.58	\$36.85

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 06 - See notes)	5/1/2011		\$22.72	\$12.58	\$35.30
Laborers (Class 06 - See notes)	5/1/2012		\$22.97	\$13.03	\$36.00
Laborers (Class 06 - See notes)	5/1/2013		\$23.27	\$13.53	\$36.80
Millwright	5/1/2010		\$28.91	\$13.99	\$42.90
Millwright	5/1/2011		\$30.27	\$14.63	\$44.90
Operators (Building/Heavy, Class 01 - See Notes)	5/1/2010		\$30.68	\$17.83	\$48.51
Operators (Building/Heavy, Class 01 - See Notes)	5/1/2011		\$31.98	\$18.83	\$50.81
Operators (Building/Heavy, Class 01a - See Notes)	5/1/2010		\$32.93	\$18.49	\$51.42
Operators (Building/Heavy, Class 01a - See Notes)	5/1/2011		\$34.23	\$19.49	\$53.72
Operators (Building/Heavy, Class 02 - See Notes)	5/1/2010		\$30.39	\$17.75	\$48.14
Operators (Building/Heavy, Class 02 - See Notes)	5/1/2011		\$31.69	\$18.75	\$50.44
Operators (Building/Heavy, Class 02a - See Notes)	5/1/2010		\$32.64	\$18.41	\$51.05
Operators (Building/Heavy, Class 02a - See Notes)	5/1/2011		\$33.94	\$19.41	\$53.35
Operators (Building/Heavy, Class 03 - See Notes)	5/1/2010		\$27.98	\$17.04	\$45.02
Operators (Building/Heavy, Class 03 - See Notes)	5/1/2011		\$29.28	\$18.04	\$47.32
Operators (Building/Heavy, Class 04 - See Notes)	5/1/2010		\$27.21	\$16.81	\$44.02
Operators (Building/Heavy, Class 04 - See Notes)	5/1/2011		\$28.51	\$17.81	\$46.32
Operators (Building/Heavy, Class 05 - See Notes)	5/1/2010		\$26.72	\$16.66	\$43.38
Operators (Building/Heavy, Class 05 - See Notes)	5/1/2011		\$28.02	\$17.66	\$45.68
Operators (Building/Heavy, Class 06 - See Notes)	5/1/2010		\$25.84	\$16.40	\$42.24
Operators (Building/Heavy, Class 06 - See Notes)	5/1/2011		\$27.14	\$17.40	\$44.54
Operators (Building/Heavy, Class 07/A - See Notes)	5/1/2010		\$36.81	\$20.40	\$57.21
Operators (Building/Heavy, Class 07/A - See Notes)	5/1/2011		\$38.38	\$21.49	\$59.87
Operators (Building/Heavy, Class 07/B - See Notes)	5/1/2010		\$36.47	\$20.31	\$56.78
Operators (Building/Heavy, Class 07/B - See Notes)	5/1/2011		\$38.03	\$21.40	\$59.43
Painters Class 1. (see notes)	5/1/2010		\$23.30	\$13.27	\$36.57
Painters Class 1 (see notes)	5/1/2011		\$24.05	\$14.52	\$38.57
Painters Class 2 (see notes)	5/1/2010		\$25.20	\$13.27	\$38.47

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Painters Class 2 (see notes)	5/1/2011		\$25.95	\$14.52	\$40.47
Painters Class 3 (see notes)	5/1/2010		\$29.60	\$13.27	\$42.87
Painters Class 3 (see notes)	5/1/2011		\$30.35	\$14.52	\$44.87
Pile Driver Divers (Building, Heavy, Highway)	1/1/2010		\$44.39	\$12.25	\$56.64
Pile Driver Divers (Building, Heavy, Highway)	1/1/2011		\$45.53	\$13.00	\$58.53
Pile Driver Divers (Building, Heavy, Highway)	1/1/2012		\$46.28	\$13.60	\$59.88
Pile Driver Divers (Building, Heavy, Highway)	1/1/2013		\$47.18	\$14.10	\$61.28
Plasterers	6/1/2009		\$27.91	\$7.75	\$35.66
Plasterers	6/1/2010		\$29.86	\$7.75	\$37.61
Plasterers	6/1/2011		\$30.96	\$7.75	\$38.71
Plasterers	6/1/2012		\$31.96	\$7.75	\$39.71
Plasterers	6/1/2013		\$32.96	\$7.75	\$40.71
Plumbers and Steamfitters	6/1/2010		\$37.15	\$18.26	\$55.41
Plumbers and Steamfitters	6/1/2011		\$38.89	\$17.76	\$56.65
Plumbers and Steamfitters	6/1/2012		\$39.39	\$18.36	\$57.75
Plumbers and Steamfitters	6/1/2013		\$39.89	\$19.01	\$58.90
Roofers	6/1/2010		\$24.00	\$13.96	\$37.96
Roofers	6/1/2011		\$24.25	\$15.21	\$39.46
Sheet Metal Workers	5/1/2009		\$28.56	\$17.29	\$45.85
Sheet Metal Workers	5/1/2010		\$28.68	\$18.33	\$47.01
Sheet Metal Workers	5/1/2011		\$28.93	\$18.78	\$47.71
Sprinkersfitters	1/1/2010		\$33.85	\$17.60	\$51.45
Sprinkersfitters	1/1/2011		\$33.35	\$18.45	\$51.80
Sprinkersfitters	4/1/2011		\$34.18	\$18.45	\$52.63
Sprinkersfitters	1/1/2012		\$34.18	\$18.60	\$52.78
Sprinkersfitters	4/1/2012		\$35.21	\$18.65	\$53.86
Sprinkersfitters	1/1/2013		\$35.21	\$18.80	\$54.01
Terrazzo Finisher	5/1/2009		\$26.54	\$14.37	\$40.91
Terrazzo Finisher	5/1/2010		\$27.89	\$14.42	\$42.31
Terrazzo Finisher	5/1/2011		\$28.14	\$14.42	\$42.56

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Terrazzo Setter	5/1/2009		\$25.86	\$17.27	\$43.13
Terrazzo Setter	5/1/2010		\$27.21	\$17.32	\$44.53
Terrazzo Setter	5/1/2011		\$27.46	\$17.32	\$44.78
Tile & Marble Finisher	5/1/2009		\$22.76	\$13.08	\$35.84
Tile & Marble Finisher	5/1/2010		\$23.51	\$13.21	\$36.72
Tile & Marble Finisher	5/1/2011		\$24.46	\$13.21	\$37.67
Tile & Marble Layer	5/1/2009		\$25.67	\$13.58	\$39.25
Tile & Marble Layer	5/1/2010		\$26.42	\$13.58	\$40.00
Tile & Marble Layer	5/1/2011		\$27.37	\$13.58	\$40.95
Tilesetters & Marble Masons	1/1/2010		\$29.95	\$12.25	\$42.20
Tilesetters & Marble Masons	1/1/2010		\$29.95	\$12.25	\$42.20
Tilesetters & Marble Masons	5/1/2010		\$26.42	\$13.71	\$40.13
Tilesetters & Marble Masons	5/1/2010		\$26.42	\$13.71	\$40.13
Tilesetters & Marble Masons	1/1/2011		\$30.35	\$13.00	\$43.35
Tilesetters & Marble Masons	1/1/2011		\$30.35	\$13.00	\$43.35
Tilesetters & Marble Masons	5/1/2011		\$27.37	\$13.71	\$41.08
Tilesetters & Marble Masons	5/1/2011		\$27.37	\$13.71	\$41.08
Tilesetters & Marble Masons	1/1/2012		\$30.85	\$13.60	\$44.45
Tilesetters & Marble Masons	1/1/2012		\$30.85	\$13.60	\$44.45
Tilesetters & Marble Masons	1/1/2013		\$31.45	\$14.10	\$45.55
Tilesetters & Marble Masons	1/1/2013		\$31.45	\$14.10	\$45.55
Truckdriver class 1(see notes)	5/1/2009		\$28.58	\$0.00	\$28.58
Truckdriver class 1(see notes)	5/1/2010		\$29.58	\$0.00	\$29.58
Truckdriver class 1(see notes)	5/1/2011		\$30.73	\$0.00	\$30.73
Truckdriver class 2 (see notes)	5/1/2009		\$28.65	\$0.00	\$28.65
Truckdriver class 2 (see notes)	5/1/2010		\$29.65	\$0.00	\$29.65
Truckdriver class 2 (see notes)	5/1/2011		\$30.80	\$0.00	\$30.80
Truckdriver class 3 (see notes)	5/1/2009		\$29.14	\$0.00	\$29.14
Truckdriver class 3 (see notes)	5/1/2010		\$30.14	\$0.00	\$30.14
Truckdriver class 3 (see notes)	5/1/2011		\$31.29	\$0.00	\$31.29

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Carpenters	5/1/2010		\$25.98	\$10.83	\$36.81
Carpenters	5/1/2011		\$27.03	\$11.43	\$38.46
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2011		\$28.67	\$24.28	\$52.95
Iron Workers (Highway Reinforcing)	7/1/2010		\$28.17	\$23.28	\$51.45
Laborers (Class 01 - See notes)	5/1/2009		\$16.22	\$11.03	\$27.25
Laborers (Class 01 - See notes)	5/1/2010		\$16.77	\$11.88	\$28.65
Laborers (Class 01 - See notes)	5/1/2011		\$17.32	\$12.78	\$30.10
Laborers (Class 02 - See notes)	5/1/2009		\$22.84	\$11.03	\$33.87
Laborers (Class 02 - See notes)	5/1/2010		\$23.39	\$11.88	\$35.27
Laborers (Class 02 - See notes)	5/1/2011		\$23.94	\$12.78	\$36.72
Laborers (Class 03 - See notes)	5/1/2009		\$19.83	\$11.03	\$30.86
Laborers (Class 03 - See notes)	5/1/2010		\$20.38	\$11.88	\$32.26
Laborers (Class 03 - See notes)	5/1/2011		\$20.93	\$12.78	\$33.71
Laborers (Class 04 - See notes)	5/1/2009		\$20.18	\$11.03	\$31.21
Laborers (Class 04 - See notes)	5/1/2010		\$20.73	\$11.88	\$32.61
Laborers (Class 04 - See notes)	5/1/2011		\$21.28	\$12.78	\$34.06
Laborers (Class 05 - See notes)	5/1/2009		\$20.85	\$11.03	\$31.88
Laborers (Class 05 - See notes)	5/1/2010		\$21.40	\$11.88	\$33.28
Laborers (Class 05 - See notes)	5/1/2011		\$21.95	\$12.78	\$34.73
Laborers (Class 06 - See notes)	5/1/2009		\$20.27	\$11.03	\$31.30
Laborers (Class 06 - See notes)	5/1/2010		\$20.82	\$11.88	\$32.70
Laborers (Class 06 - See notes)	5/1/2011		\$21.37	\$12.78	\$34.15
Laborers (Class 07 - See notes)	5/1/2009		\$20.56	\$11.03	\$31.59
Laborers (Class 07 - See notes)	5/1/2010		\$21.11	\$11.88	\$32.99
Laborers (Class 07 - See notes)	5/1/2011		\$21.66	\$12.78	\$34.44
Laborers (Class 08 - See notes)	5/1/2009		\$21.04	\$11.03	\$32.07
Laborers (Class 08 - See notes)	5/1/2010		\$21.59	\$11.88	\$33.47
Laborers (Class 08 - See notes)	5/1/2011		\$22.14	\$12.78	\$34.92
Operators (Highway, Class 01 - See Notes)	5/1/2009		\$27.45	\$16.30	\$43.75
Operators (Highway, Class 01 - See Notes)	5/1/2010		\$28.79	\$17.26	\$46.05

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Highway, Class 01 - See Notes)	5/1/2011		\$30.09	\$18.26	\$48.35
Operators (Highway, Class 01a - See Notes)	5/1/2009		\$29.70	\$16.98	\$46.68
Operators (Highway, Class 01a - See Notes)	5/1/2010		\$31.04	\$17.94	\$48.98
Operators (Highway, Class 01a - See Notes)	5/1/2011		\$32.34	\$18.94	\$51.28
Operators (Highway, Class 02 - See Notes)	5/1/2009		\$26.27	\$15.96	\$42.23
Operators (Highway, Class 02 - See Notes)	5/1/2010		\$27.61	\$16.92	\$44.53
Operators (Highway, Class 02 - See Notes)	5/1/2011		\$28.91	\$17.92	\$46.83
Operators (Highway, Class 03 - See Notes)	5/1/2009		\$25.58	\$15.75	\$41.33
Operators (Highway, Class 03 - See Notes)	5/1/2010		\$26.91	\$16.72	\$43.63
Operators (Highway, Class 03 - See Notes)	5/1/2011		\$28.21	\$17.72	\$45.93
Operators (Highway, Class 04 - See Notes)	5/1/2009		\$25.13	\$15.62	\$40.75
Operators (Highway, Class 04 - See Notes)	5/1/2010		\$26.46	\$16.59	\$43.05
Operators (Highway, Class 04 - See Notes)	5/1/2011		\$27.76	\$17.59	\$45.35
Operators (Highway, Class 05 - See Notes)	5/1/2009		\$24.62	\$15.47	\$40.09
Operators (Highway, Class 05 - See Notes)	5/1/2010		\$25.95	\$16.44	\$42.39
Operators (Highway, Class 05 - See Notes)	5/1/2011		\$27.25	\$17.44	\$44.69
Operators (Highway, Class 06 - See Notes)	5/1/2009		\$27.69	\$16.36	\$44.05
Operators (Highway, Class 06 - See Notes)	5/1/2010		\$29.03	\$17.32	\$46.35
Operators (Highway, Class 06 - See Notes)	5/1/2011		\$30.33	\$18.32	\$48.65
Operators (Highway, Class 06/A - See Notes)	5/1/2009		\$29.94	\$17.02	\$46.96
Operators (Highway, Class 06/A - See Notes)	5/1/2010		\$31.28	\$17.98	\$49.26
Operators (Highway, Class 06/A - See Notes)	5/1/2011		\$32.58	\$18.98	\$51.56
Operators (Highway, Class 07/A - See Notes)	5/1/2009		\$32.94	\$18.67	\$51.61
Operators (Highway, Class 07/A - See Notes)	5/1/2010		\$34.55	\$19.72	\$54.27
Operators (Highway, Class 07/A - See Notes)	5/1/2011		\$36.10	\$20.83	\$56.93
Operators (Highway, Class 07/B - See Notes)	5/1/2009		\$31.53	\$18.25	\$49.78

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Highway, Class 07/B - See Notes)	5/1/2010		\$33.13	\$19.31	\$52.44
Operators (Highway, Class 07/B - See Notes)	5/1/2011		\$34.69	\$20.41	\$55.10
Piledrivers	5/1/2009		\$25.30	\$9.86	\$35.16
Piledrivers	5/1/2010		\$25.98	\$10.83	\$36.81
Piledrivers	5/1/2011		\$27.03	\$11.43	\$38.46
Steamfitters (Heavy and Highway - Gas Distribution)	5/1/2010		\$30.27	\$26.09	\$56.36
Truckdriver class 1(see notes)	5/1/2009		\$28.58	\$0.00	\$28.58
Truckdriver class 1(see notes)	5/1/2010		\$29.58	\$0.00	\$29.58
Truckdriver class 1(see notes)	5/1/2011		\$30.73	\$0.00	\$30.73
Truckdriver class 2 (see notes)	5/1/2009		\$28.65	\$0.00	\$28.65
Truckdriver class 2 (see notes)	5/1/2010		\$29.65	\$0.00	\$29.65
Truckdriver class 2 (see notes)	5/1/2011		\$30.80	\$0.00	\$30.80
Truckdriver class 3 (see notes)	5/1/2009		\$29.14	\$0.00	\$29.14
Truckdriver class 3 (see notes)	5/1/2010		\$30.14	\$0.00	\$30.14
Truckdriver class 3 (see notes)	5/1/2011		\$31.29	\$0.00	\$31.29

STANDARD BID TABULATION COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF PUBLIC WELFARE		PROPOSAL NUMBER W-0502-1004 NRM PROJECT Install Fire Rated Walls in Newton Hall		FACILITY Clarks Summit State Hospital BID OPENING DATE October 2, 2011 2:00 PM	
NAME OF VENDOR	BASE BID #1	BASE BID #2	BASE BID #3		
Bognet, Inc. 573 Can do Expressway, Suite 1 Hazle Township, PA 18202	\$ 62,374.00				per Bulletin
Diversified Construction 23 Old School Road Selinsgrove, PA 17870	NO BID RETURNED				
Pettinato & Mercanti Construction Co. 723 South State Street #4 Clarks Summit, PA 18411	NO BID RETURNED				
Ajimco Construction, Inc. 7463 Elizabethtown Road Elizabethtown, PA 17022	NO BID RETURNED				
Blakeslee Home Improvement, Inc. Mackes Road Blakeslee, PA 18610	NO BID RETURNED				
E. A. Johnson Group, Inc. 42 Saint John Street Schuylkill Haven, PA 17972	NO BID RETURNED				
Smith Construction Co. of Phila. Inc. 3331 Street Road Bensalem, PA 19020	NO BID RETURNED				
USV Construction Corp. 650 South Oak Avenue Secane, PA 19018	NO BID RETURNED				
Lobar Associates, Inc. 4 Barlo Circle Dillsburg, PA 17019	\$ 111,8803.00				
D&M Construction Unlimited, Inc. 1513 Upper Fords Pond Road Clarks Summit, PA 18411	\$ 84,852.00				

FOR LOCAL AWARDS (BIDS OPENED IN PRESENCE OF) I CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF BIDS RECEIVED AND AWARDS MADE.		FOR DIVISION OF PROCUREMENT USE ONLY (WITNESSED OPENINGS)	
APPROVED SIGNATURE		DEPT. PUBLIC WELFARE	
PURCHASING AGENT		DATE COMPLETED	TREASURY

_____ BUSINESS MANAGER

_____ TREASURY

Chaitin & Schwyzyn

REQUEST TO ADVERTISE SOLICITATION: W-0502-1004

General Information

Department:
 Date Prepared: 09/27/11 Type: IFB
 Advertisement Agency Construction
 Type :
 Solicitation#: W-0502-1004 Solicitation Title : Install Fire Rated Walls in Newton Hall

Description : Construct a new 2 hour rated fire rated walls in the locations shown on the drawings in accordance with the UL design indicated. Provide new 90 minute doors, frames, and hardware in accordance with the door schedule.

Department Information

Department/Agency : Public Delivery Clarks Summit State Hospital, 1451 Hillside Drive,
 Welfare Location : Clarks Summit, PA 18411
 County (if applicable) : Lackawanna Duration : 60 days

Contact Information

First Name : Christina Last Name: Schmoyer
 Phone Number : 717-772-2092 Ext: Email : chschmoyer@pa.gov

Bid Information

Solicitation Start Date: 09/27/11 Solicitation End Date : 10/12/11
 Bid Opening Date : 10/12/11 Bid Opening Time : 2:00 PM
 Bid Opening Location: 1401 North 7th Street, Bertolino Building, 2nd Floor, Harrisburg, PA 17105

Is there a Pre-proposal Conference? No. of Flyers: (# of bid versions)

Check here if this Solicitation is in SRM

Amended Date: 09/27/11

Close Window

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Contact Information

First Name : Christina **Last Name:** Schmoyer
Phone Number : 717-772-2092 Ext: **Email :** chschmoyer@pa.gov

Bid Information

Solicitation Start Date: 09/27/11 **Solicitation End Date :** 10/26/11
Bid Opening Date : 10/26/11 **Bid Opening Time :** 2:00 PM
Bid Opening Location: 1401 North 7th Street, Bertolino Building, 2nd Floor, Harrisburg, PA 17105
 Is there a Pre-proposal Conference? **No. of Flyers: (# of bid versions)**

Check here if this Solicitation is in SRM

Amended Date: 10/07/11

Close Window

