ADDENDUM #1

RENOVATIONS TO THE PHYSICAL EDUCATION (PE) BUILDING

FOR THE

MERCER COUNTY COMMUNITY COLLEGE
WEST WINDSOR CAMPUS
1200 OLD TRENTON ROAD
WEST WINDSOR, NEW JERSEY 08550

Commission Number: 14U034

Advertised for Bid: April 7, 2015

ADDENDUM #1 DATE: April 27, 2015

SPIEZLE ARCHITECTURAL GROUP, INC.
ADDENDUM NO. 1

April 27, 2015

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PHYSICAL EDUCATION (PE) BUILDING

FOR THE

MERCER COUNTY COMMUNITY COLLEGE
WEST WINDSOR CAMPUS
1200 OLD TRENTON ROAD
WEST WINDSOR, NEW JERSEY 08550

Architect:
SPIEZLE ARCHITECTURAL GROUP, INC.
120 SANHICAN DRIVE
TRENTON, NEW JERSEY 08618

PRE-BID MEETING

A Pre-Bid Meeting for the project took place, as advertised, on April 15, 2015. The meeting was located at the Physical Education (PE) Building. The Architect and representatives from the College reviewed administrative requirements for the bidding of the project. The Architect reviewed the project scope of work, the project schedule, and coordination requirements.

Follow up site visits must be scheduled with either Fred Carella of MCCC Facilities or the College Project Management Office (PMOFAC@mccc.edu) prior to bidders visiting the site.

REQUESTS FOR INFORMATION

The final day to receive and respond to bidder’s Requests for Information, as advertised, was Thursday, April 23, 2015 at 2:00 PM. All RFI received up to that point have been reviewed and responded to as thoroughly as possible. RFI received after this deadline will not necessarily be responded to in addendum.
PRE-BID MEETING ITEMS

ITEM NO. PB – 1  CONSENT OF SURETY

As indicated in Specification Section “Information to Bidders 002113”, “Form of Bid Proposal 004113” and “Subcontractor Identification Form 004336”, the General Contractor must provide Consent of Surety for the General Contractor as well as all named subcontractors as part of their bid submission. If the General Contractor is covering the named subcontractors, they must provide a letter from their bonding company on letterhead indicating such. Contact the Purchasing Department of Mercer County Community College for additional information or a sample of an acceptable letter.

ITEM NO. PB – 2  NOTICE OF CLASSIFICATION

The Architect and Owner clarified at the Pre-Bid Meeting that the College requires, as indicated in Specification Section “Public Notice 001113”, “Form of Bid Proposal 004113” and “Subcontractor Identification Form 004336”, that the Prime Bidder on the project be DPMC Classified for trades C008 (General Construction) or C009 (General Construction / Alterations and Additions).

GENERAL ITEMS

ITEM NO. GN-1  PERMIT FEES

As indicated in the specifications, the Contractor is not required to pay for any permit fees for the project. The successful contractor, along with subcontractors, must be registered with the Township of West Windsor prior to submitting for permits and commencement of work [costs related to registration are the responsibility of the Contractor(s)]. Contact West Windsor Township for additional information. The Contractor is responsible to fill out permit jackets and submit the permit documents to West Windsor Township.

ITEM NO. GN-2  APPLIED FIRE-PROOFING

The project manual contains Specification Section 078100 “Applied Fireproofing”. The inclusion of this specification section is for the purpose of identifying the requirements that the Contractor would need to follow if any encountered applied fireproofing within the project area became disturbed by demolition and/or renovation activities and therefore necessitating repair.

Specifications and Drawings for Commission No. 14U034 are hereby amended as follows:
ITEM NO. CD – 1  SECOND FLOOR GYMNASIUM BLEACHERS AND FLOOR

In addition to providing new vinyl bleacher covers on the existing bleachers in the upper level of the gymnasium, as part of the base bid, the Contractor shall also paint the metal pedestal supports of all bleachers in the upper area, color to be selected by Owner. Additionally, the floor area, steps, and risers in the upper level of the gymnasium are to receive new concrete sealer. The Contractor shall be required to clean and prepare the existing concrete surfaces to receive the sealer. The Concrete Floor Sealer shall be pigmented Concrete Saver 6500 System, 100% solids epoxy, by Rustoleum, or approved equal. Color to be selected by owner from manufacturers full range of standard colors.

ITEM NO. CD – 2  LOWER FLOOR FINISHES PLAN

Delete the Drawing A1-3 “(PE) Building Partial Lower Level Finish and Accessories Plans, Details and Schedules” from the Contract Document Set and Replace with the enclosed Drawing A1-3 “(PE) Building Partial Lower Level Finish and Accessories Plans, Details and Schedules”, enumerated Addendum #1. The drawing has been updated to clarify the locations of interior finishes as well a change to the type of lockers to be provided.

ITEM NO. CD – 3  MAIN FLOOR FINISHES PLAN

Delete the Drawing A2-2 “MCCC (PE) Building Partial Main Floor Plan Renovation Plan and Finishes” from the Contract Document Set and Replace with the enclosed Drawing A2-2 “MCCC (PE) Building Partial Main Floor Plan Renovation Plan and Finishes”, enumerated Addendum #1. The drawing has been updated to clarify the locations of interior finishes.

ITEM NO. CD – 4  SECOND FLOOR FINISHES PLAN

Delete the Drawing A3-3 “(PE) Building Partial Second Floor Finish and Accessories Plans, Details and Schedules” from the Contract Document Set and Replace with the enclosed Drawing A3-3 “(PE) Building Partial Second Floor Finish and Accessories Plans, Details and Schedules”, enumerated Addendum #1. The drawing has been updated to clarify the locations of interior finishes as well a change to the type of lockers to be provided.

ITEM NO. CD – 5  PROTECTION OF THE POOL AND NATATORIUM

The following requirements will be applicable to the demolition and finishes work for the pool deck and Natatorium:
“Contractor shall cover and protect all duct openings, diffusers, registers and grilles within the Natatorium during the course of floor deck finish removal and installation. Owner shall remove loose furnishing from within the space prior to contractor working in the area. Contractor shall provide plastic sheet protection and other similar measures to fully cover and protect existing fixed equipment and furnishings to remain within the space. Contractor shall provide 10 mil plastic sheeting with fully taped seems across the entire pool surface to prevent dust and particulates from getting into the pool and filtration system.”

ITEM NO. CD – 6  MECHANICAL PARTIAL LOWER LEVEL DEMOLITION AND NEW WORK FLOOR PLANS

Drawing M1-1 Delete the Drawing M1-1 from the Contract Document Set and Replace with the enclosed Drawing M1-1, enumerated Addendum #1. The drawing has been updated with clouded revisions to existing exhaust ductwork and new exhaust ductwork, for the deletion of fire damper, and general note 3.

ITEM NO. CD – 7  MECHANICAL PARTIAL SECOND FLOOR DEMOLITION AND NEW WORK FLOOR PLANS

Drawing M1-2 Add General Note 3 to the Drawing, to read: “3. The Location of the control and disconnect on all new electric heating coils shall be coordinated with all trades to maintain minimum code / manufacturer clearances”.

ITEM NO. CD – 8  MECHANICAL SCHEDULES AND DETAILS

Drawing M2-1 Delete the Drawing M2-1 from the Contract Document Set and Replace with the enclosed Drawing M2-1, enumerated Addendum #1. The drawing has been updated with clouded revisions to the revised duct hanger detail, Detail 3/M2-1.

ITEM NO. CD – 9  PLUMBING DEMOLITION AND NEW WORK LOWER LEVEL PLANS

Drawing P1-1 Delete the Drawing P1-1 from the Contract Document Set and Replace with the enclosed Drawing p1-1, enumerated Addendum #1. The drawing has been updated with clouded revisions for changes to the sprinkler head work requirement at locations of ceiling replacement.

PROJECT MANUAL

ITEM NO. PM – 1  FORM OF BID PROPOSAL

Section 004113 A fifth Alternate Bid has been added to the contract documents.
ITEM NO. PM – 2  ALTERNATES
Section 012300  A fifth Alternate Bid has been added to the contract documents.
2 pages  Delete specification section 012300 “Alternates” (2 pages) contained in the project manual dated April 7, 2015 and replace in its entirety with specification section 012300 “Alternates” (2 pages) enumerated “Addendum 1 – April 27, 2015”.

ITEM NO. PM – 3  LOCKERS AND BENCHES
Section 105113  Metal Lockers are being changed from single tier to double tier.
5 pages  Delete specification section 105113 “Lockers and Benches” (5 pages) contained in the project manual dated April 7, 2015 and replace in its entirety with specification section 105113 “Lockers and Benches” (5 pages) enumerated “Addendum 1 – April 27, 2015”.

ATTACHMENTS

5. Drawing M2-1 “Mechanical Schedules and Details”, enumerated Addendum #1.
7. Specification section 004113 “Form of Bid Proposal” (6 pages) enumerated “Addendum 1 – April 27, 2015”.
8. Specification section 012300 “Alternates” (2 pages) enumerated “Addendum 1 – April 27, 2015”.
9. Specification section 105113 “Lockers and Benches” (5 pages) enumerated “Addendum 1 – April 27, 2015”.

END OF ADDENDUM NO. 1.
RENOVATIONS TO THE
PHYSICAL EDUCATION (PE) BUILDING
MERCER COUNTY COMMUNITY COLLEGE
COMMISSION NO. 14U034

FORM OF PROPOSAL (BID FORM)

PROPOSAL OF ______________________________ hereinafter called "BIDDER," a/an

☐ corporation
☐ partnership (check applicable term)
☐ individual

organized and existing under the laws of the State of _______________________ and doing business as ______________________________

TO: BOARD OF TRUSTEES OF MERCER COUNTY COMMUNITY COLLEGE
1200 Old Trenton Road
West Windsor Township, New Jersey 08550-3407 (hereinafter called College.)

Members of the Board:

1. The bidder, in compliance with your Legal Notice inviting bids for the RENOVATIONS TO THE PHYSICAL EDUCATION (PE) BUILDING, located in West Windsor, New Jersey, for Mercer County Community College, having examined the specifications, drawings, Request for Proposal, various forms and related contract documents and the site of the proposed work and being familiar with all the conditions surrounding the proposed contract or the proposed construction, including the availability of materials and labor, hereby proposes to furnish and/or install the equipment, labor, materials and supplies and/or to construct the project in accordance with all the aforesaid documents within the time set forth therein and at the prices stated below. These prices are to cover all expenses incurred in supplying and/or installing the materials and equipment or performing the work required by the Request for Proposal of which this Bid Form is a part.

2. The bidder acknowledges receipt of the following Addenda:
   Addendum No. __________ Dated: ________
   Addendum No. __________ Dated: ________
   Addendum No. __________ Dated: ________

3. The bidder agrees to deliver and/or install the materials and equipment and complete the project as described in the contract documents for the Base Bid Sum (words and numbers) of:

Prime Bidders shall be DPMC Classified for trades C008 (General Construction) or C009 (General Construction/Alterations and Additions). Provide proof of valid DPMC Notice of Classification, Total Amount of Uncompleted Contracts, (Form DBC-701), the Certification of No Material Adverse Change in Status Affidavit, Proposition of Surety, Consent of Surety and Trade License (when applicable) for the prime bidder and the listed subcontractors at the time of the bid submittal. Provide all subcontractor information per 18A:64A-25.25.

Addendum 1- April 27, 2015

FORM OF PROPOSAL (Bid Form) 004113-1
SINGLE OVERALL CONTRACT:

BASE BID ......................................................................................................................... Dollars

(To Be Written in Full)

($_________________) (Figures)

ALLOWANCES (TO BE INCLUDE IN THE BASE BID):

ALLOWANCE #1:

UNFORESEEN CONDITIONS. Contractor to include Ten Thousand Dollars ($10,000.00) in its base bid proposal to address unforeseen conditions that may be encountered during the course of the construction. Prior to commencing with any work to be billed against this allowance, the Contractor must submit pricing information for review and consideration and receive written direction to proceed from the Architect. Any excess allowance not used at substantial completion will be deducted from the contract. The Contractor shall submit tickets and receipts to substantiate costs incurred for allowance work.

ALTERNATE BIDS:

AB-1: BENCH COVERS AT NATATORIUM BLEACHERS:
State amount to be “ADDED TO” the base bid to provide all work and cost associated with providing and installing vinyl bench covers at the Natatorium bleachers. The scope of this alternate shall include all necessary material, labor, trim, accessories, and features for a complete and warranted installation. The scope of this alternate is further defined on the drawings and in the project specifications.

ADD: $ ............................................................................................................... Dollars

(To Be Written in Full)

($_________________) (Figures)

AB-2: COLLEGE GRAPHICS AT SECRETARY/ RECEPTION:
State amount to be “ADDED TO” the base bid to provide all work and cost associated with providing and installing college graphics at Secretary/ Reception. The scope of this alternate shall include all necessary material, labor, trim, accessories, and features for a complete and warranted installation. The scope of this alternate is further defined on the drawings and in the project specifications.

ADD: $ ............................................................................................................... Dollars

(To Be Written in Full)

($_________________) (Figures)
AB-3: STAINLESS STEEL HANDRAILS:
State amount to be “ADDED TO” the base bid to provide all work and cost associated with providing and installing stainless steel handrails at the stairwells. The scope of this alternate shall include all necessary material, labor, trim, accessories, and features for a complete and warranted installation. The scope of this alternate is further defined on the drawings and in the project specifications.

ADD: $__________________________ Dollars
   (To Be Written in Full)
   ($______________)
   (Figures)

AB-4: CERAMIC TILE WALLS AT SHOWER ROOMS 205 AND 213:
State amount to be “ADDED TO” the base bid to provide all work and cost associated with providing and installing full height ceramic wall tile at shower room #205 and shower room #213. The scope of this alternate shall include all necessary material, labor, trim, accessories, and features for a complete and warranted installation. The scope of this alternate is further defined on the drawings and in the project specifications.

ADD: $__________________________ Dollars
   (To Be Written in Full)
   ($______________)
   (Figures)

AB-5: MOVING AND REINSTALLATION OF FITNESS EQUIPMENT:
State amount to be “ADDED TO” the base bid to provide all work and cost associated with moving all existing Fitness Center equipment in order to perform the base contract scope of work to remove and replace the flooring finishes in the Fitness Center. Under the base bid the owner shall move the equipment. Equipment can be relocated within the space or moved to adjacent spaces within the building.

ADD: $__________________________ Dollars
   (To Be Written in Full)
   ($______________)
   (Figures)

NOTE: If written amount differs from the Numerical Figures, only the Written amount will be accepted as the correct BID. No conditions, limitations or provision may be placed on a bid.

4. The bidder understands that the College reserves the right to reject for any reason any and all bids and to waive any informalities in the bidding.

5. The bidder agrees that this bid shall be good and may not be withdrawn for a period of 60 days after the actual opening of the bids.

6. Within 10 days after receipt of written notice of acceptance of this bid and the award of the contract, the bidder will execute the contract with the College, and will deliver a performance payment bond and insurance certificate required by the RFP.

Addendum 1- April 27, 2015

FORM OF PROPOSAL (Bid Form) 004113-3
7. The bidder hereby certifies that all of the figures, computations and additions used in estimating the bid herein have been carefully checked and are accurate in all respects, and no claim shall be made as the basis for withdrawal of this bid after opening on the grounds of mathematical error.

8. The Forms noted below are part of the Bid package and must be properly completed and submitted with Bid Proposal. Failure to provide any items noted below may cause disqualification of Bid Proposal in accordance with the law.

   a. Form of Bid Proposal (Section 004113 Form).
   b. Certified Check or Form of Bid Bond (Section 004313 Form).
   c. Surety Disclosure Statement and Certification (Section 004316 Form) and evidence of performance security from the prime bidder and/or all subcontractors to whom the bidder will subcontract the work. Note, if the General Contractor’s Surety Disclosure Statement and Certification is covering the named subcontractors, they must clearly indicate this on their Surety Disclosure Statement and Certification form or provide a letter from their bonding company on letterhead indicating such.
   d. Consent of Surety for prime bidder and/or all subcontractors to whom the bidder will subcontract the work at the time of the bid submittal (Section 004319). Note, if the General Contractor’s Consent of Surety is covering the named subcontractors, they must clearly indicate this on their Consent of Surety form or provide a letter from their bonding company on letterhead indicating such.
   e. Subcontractor’s Identification Form (Section 004336 Form)
   f. Prevailing Wage Compliance Declaration (Section 004343 Form).
   g. Form of Non-Collusive Affidavit (Section 004519 Form).
   h. Conflict of Interest Disclosure Statement (Section 004530 Form).
   i. Certification of Nonsegregated Facilities (Section 004533 Form).
   j. Certification of No Material Adverse Change in Status (Section 004535 Form) (Required for Bidder and all specialty trade sub-contractors named on the Subcontractor Identification Form).
   k. Affirmative Action Acknowledgment for compliance with Affirmative Action Regulations Exhibit “B”. (Section 004536 Form).
   l. Local Positive Impact Clause (Section 004546 Form).
   m. Contractor Equipment Certification (Section 04550 Form).
   n. Notarized State of New Jersey Form (DBC 701) noting total amount of uncompleted contracts (Required for Bidder and all specialty trade sub-contractors named on the Subcontractor Identification Form). (This form may be obtained from the New Jersey Department of Treasury website under the Division of Property Management and Construction, Division Pages, Forms.)
   o. Certificate by the Department of Labor indicating compliance with “The Public Works Contractor Registration Act” (P.L. 1999, c.238) for compliance with this Act. (Required for Bidder and all specialty trade sub-contractors named on the Subcontractor Identification Form).
   p. Proof of valid DPMC NOTICE OF CLASSIFICATION, as issued by the State of New Jersey, Department of Treasury, Division of Property Management and Construction (DPMC) (Required for Bidder and all specialty trade sub-contractors named on the Subcontractor Identification Form).
   q. Contractor or Trade License required under applicable New Jersey Law for any trade or specialty area (applicable to plumbing, electrical and HVACR trades).

Addendum 1- April 27, 2015
r. Business Registration Certificate issued by the Department of Treasury, Division of Revenue. (Required for Bidder and all specialty trade sub-contractors named on the Subcontractor Identification Form). Note: Refer to Paragraph 002113-B-11 for additional information.

Written Signature: _____________________________________________________________

Printed/Typed Signature: ______________________________________________________

Title: ______________________________________________________________________

Name of Firm: __________________________________________________________________

Address: _____________________________________________________________________

Telephone Number: __________________ Fax Number _____________________________

E-Mail Address: __________________ Taxpayer Federal ID Number _______________
NOTE: DO NOT FAIL TO EXECUTE THIS OATH OR AFFIDAVIT:

AFFIDAVIT

STATE OF __________________________ )

                      SS:

COUNTY OF __________________________ )

(Name of Bidder or Bidders, or if Bidder is a corporation, name of Officer or Agent making Affidavit.)

being duly sworn, says that the several declarations and matters stated in the annexed estimate are in all respects true.

I hereby certify that I am the __________________________ of the bidder submitting this proposal and that I am authorized to submit this bid on behalf of the bidder and that the information contained in all bidding documents submitted by the bidder is true and accurate. I further certify that the bidder and all subcontractors listed herein have sufficient means and experience to complete the work in accordance with the project specifications. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

Signature of:

________________________________

(Bidder, if Bidder is an Individual)

________________________________

(Partner, if Bidder is a Partnership)

________________________________

(Officer, if Bidder is a Corporation)

Sworn and subscribed before me this

_______________ day of _________________ 20 ___.

NOTARY PUBLIC

________________________________

(Signature)

________________________________

(Print Name)

Notary Public - State of __________________________
My Commission Expires __________________________

END OF FORM OF PROPOSAL 004113

Addendum 1- April 27, 2015

FORM OF PROPOSAL (Bid Form)  004113-6
SECTION 012300 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract Documents, including General and Supplementary Conditions and other Division 01 and Technical Specifications, apply to this Section.

1.2 SUMMARY

A. This Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

2. Bidders are required to provide numerical cost amounts for all alternates listed to reflect the cost associated with the Contract being bid. If there is no cost associated with the alternate, Bidders may input either "zero" or "no change" in that space.

3. Bidders are required to provide numerical cost amounts for all alternate bids and unit prices listed to reflect the cost associated with the Contract being bid.

B. Execute accepted alternates under the same conditions as other work of the Contract.
PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

AB-1: **BENCH COVERS AT NATATORIUM BLEACHERS:**
State amount to be “ADDED TO” the base bid to provide all work and cost associated with providing and installing vinyl bench covers at the Natatorium bleachers. The scope of this alternate shall include all necessary material, labor, trim, accessories, and features for a complete and warranted installation. The scope of this alternate is further defined on the drawings and in the project specifications.

AB-2: **COLLEGE GRAPHICS AT SECRETARY/RECEPTION:**
State amount to be “ADDED TO” the base bid to provide all work and cost associated with providing and installing college graphics at Secretary/Reception. The scope of this alternate shall include all necessary material, labor, trim, accessories, and features for a complete and warranted installation. The scope of this alternate is further defined on the drawings and in the project specifications.

AB-3: **STAINLESS STEEL HANDRAILS:**
State amount to be “ADDED TO” the base bid to provide all work and cost associated with providing and installing stainless steel handrails at the stairwells. The scope of this alternate shall include all necessary material, labor, trim, accessories, and features for a complete and warranted installation. The scope of this alternate is further defined on the drawings and in the project specifications.

AB-4: **CERAMIC TILE WALLS AT SHOWER ROOMS 205 AND 213:**
State amount to be “ADDED TO” the base bid to provide all work and cost associated with providing and installing full height ceramic wall tile at shower room #205 and shower room #213. The scope of this alternate shall include all necessary material, labor, trim, accessories, and features for a complete and warranted installation. The scope of this alternate is further defined on the drawings and in the project specifications.

AB-5: **MOVING AND REINSTALLATION OF FITNESS EQUIPMENT:**
State amount to be “ADDED TO” the base bid to provide all work and cost associated with moving all existing Fitness Center equipment in order to perform the base contract scope of work to remove and replace the flooring finishes in the Fitness Center. Under the base bid the owner shall move the equipment. Equipment can be relocated within the space or moved to adjacent spaces within the building.

END OF SECTION 012300.
PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 DESCRIPTION OF WORK

A. Provide all labor, materials, accessories, equipment and incidentals to complete metal locker work, as required including, but not limited to the following:

1. Welded Athletic Lockers.
2. Double Tier Lockers.
3. Locker Room Benches

1.3 QUALITY ASSURANCE

A. Uniformity: Provide each type of metal locker as produced by a single manufacturer, including necessary mounting accessories, fittings, and fastenings.

1.4 SUBMITTALS

A. Product Data: Submit manufacturer's technical data and installation instructions for metal locker units.

B. Samples: Submit color samples on squares of same metal to be used for fabrication of lockers.

C. Shop Drawings: Submit shop drawings for metal lockers and benches, verifying dimensions affecting locker installations and handicapped accessibility. Show lockers in detail, method of installation, fillers, trim, , base, accessories and locker room benches. Include locker numbering sequence information.

1.5 JOB CONDITIONS

A. Do not deliver metal lockers until building is ready for locker installation. Protect from damage during delivery, handling, storage, and installation.
1.6 WARRANTY

A. Special Warranty: Manufacturer agrees to repair or replace components of metal lockers that fail in materials or workmanship, excluding finish, within specified warranty period.

1. Warranty Period for Welded Metal Lockers: Lifetime from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 LOCKERS

A. Manufacturer: Subject to compliance with requirements, manufacturer’s fabricating products that may be incorporated in the work include, but are not limited to, the following, or approved equal:

1. List Industries Inc. (Basis of Design)
2. Penco Products, Inc.
3. Republic Storage Systems

B. Compliance: Handicapped accessible lockers shall comply with accessibility and usability guideline requirements of ADA and ICC/ANSI A117.1.

C. Athletic Type: Superior Series Lockers by List Industries, or approved equal, Double Tier and Double Tier Wardrobe Lockers with recess handles, door louver ventilation, for installation on either new or existing concrete / concrete block base and shall include trims, fillers, and other incidentals as required for a complete finished installation.

1. Lockers: 18” x 18” x 36” Double Tier Lockers (72” height total) with one (1) locker per room minimum meeting accessibility and usability guidelines of ADA and ICC/ANSI A117.1 A117.

2.2 LOCKER FABRICATION

A. All locker parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a coat of high grade custom blend powder electrostatically sprayed and baked at 350 degrees Fahrenheit for a minimum of 20 minutes to provide a tough durable finish. Color to be selected from manufacturer's standard list of colors.

B. Frame / Vertical Side panels: Shall be of 13 gauge ½” flattened expanded metal framed by 16 gauge Hollow "T" tubular sections and channel frame members designed to enclose all four edges of the side panel with the entire assembly MIG welded to form a rigid frame for each locker. The channel frame members are welded to the front and rear vertical frame members to create and anchor bearing surface of 1-1/4 inches wide x the depth of the locker at each side panel.
C. Integral Frame Locker base: 14 gauge formed structural channels are MIG welded to the front and rear vertical side panel frame members to allow placement of locker bottom a minimum 2-3/4" above floor level. Locker bottom shelf located less than 2” above floor level will not be acceptable.

D. Locker Doors: Doors 52” or higher shall be formed from one piece 14 gauge cold rolled steel. Formulations shall consist of full channel shape on the lock side of adequate depth to fully conceal the lock bar, channel formation on the hinge side, and right angle formulations across the top and bottom. Doors over 15” wide and over 30” high shall have a 3 inch wide full height 20 gauge reinforcing pan welded to the inside face of the door on 6” centers.

E. Doors to be perforated with 7/16” x 15/16” diamonds.

F. Locker Door Handle: Single, two and three tier lockers shall have the door handle completely recessed in the door and have a sound deadening finger lift control. The 20 gauge drawn formed pocket shall be brushed stainless steel securely fastened to the door with two tabs and a positive tamper resistant fastener. Pocket shall have sufficient depth to prevent pad locks from protruding beyond the face of the door. Provide a lock hole cover plate for use with padlocks. The lifting piece shall be 14 gauge formed steel attached to the latching channel with one concealed retaining lug and one rivet assuring a positive two-point connection. The handle finger lift shall have a padlock eye for use with a 9/32” diameter padlock shackle. The sloping bottom of the pocket shall have holes for attachment of a number plate.

G. Locker Latching Device: Single tier doors shall have a latch clip engaging the door frame at three points, two and three tier doors shall have a latch clip engaging the door frame at two points. Provide one rubber silencer at each latch hook firmly secured in the frame and retained by the latch hook. The latch clip shall be glass filled nylon for a low coefficient of friction for long life and quiet operation and shall hold doors shut by engaging the latch hooks. Clip to be removable from the latch bar for replacement, but shall be retained under pressure and concealed. Latch hooks shall have tamper guards.

H. Hinges: Shall be .074” thick, 2” high, double spun, full loop, tight pin, 5 knuckle hinges securely welded to frames and securely fastened to the door with 2 steel rivets. Doors over 42” high shall have three hinges, all other doors shall have two hinges except 24” wide x 60” or 72” doors which shall have four hinges.

I. Handicapped Accessible Lockers: Handicapped accessible lockers shall have recessed handles and be single tier or the lower opening of a double tier locker. The locker bottom shall be a minimum of 9” above the finish floor or an extra shelf placed 9” above the finished floor. Single tier lockers shall have a shelf 48” above the finish floor. Doors assigned for handicapped accessible use shall be identified with the International Symbol of Accessibility.

J. Sloped Tops: Shall be formed of one piece of 16 gauge cold rolled sheet steel and shall be an integral part MIG welded to each vertical side panel frame member and be continuous to cover the full width of a multiple framed locker unit.

K. Hat Shelves, Intermediate Shelves and Bottoms: Shall be 16 gauge galvanneal sheet steel, have double bends at front and shall engage slots in the Hollow "T" vertical frame members at all
four corners and be securely welded to the frame and side. Locker bottom shelf located less than 2” above floor level shall not be acceptable.

L. Backs: Shall be 18 gauge cold rolled sheet steel, be continuous to cover a multiple framed unit and be welded to each vertical side panel frame member.

M. Locks: Shall be master keyed to one system for the entire project

N. Equipment: Furnish each locker with the following items, unless otherwise shown.
   1. Single tier lockers: Openings 60” and 72” shall include one galvanneal hat shelf, one double prong ceiling hook and a minimum of two single prong hooks.

O. Number Plates: Manufacturer's standard etched, embossed, or stamped, polished aluminum number plates with numerals. Number lockers in sequence as directed by Architect. Attach plates to the top of each door as well, with at least 2 fasteners per number plate of same finish as number plate. Doors with recessed handles shall also have a second number plate attached at the lower face of the recess door handle pocket of each locker door.

2.3 FINISH

A. Finish: Before enamel is applied, the surfaces of the steel shall be phosphatized in a five-stage process to inhibit corrosion and increase the durability of the applied enamel. All parts shall then be finished with a heavy coat of baked on enamel. All parts shall be finished inside and outside in the same color from manufacturer’s full range of available colors as selected. Bolts and nuts shall be zinc plated.

2.4 LOCKER ROOM BENCHES

A. Manufacturer’s standard units with laminated hardwood tops with rounded corners and edges with two coats of clear lacquer sealer approximately 9-1/2” wide x 1-1/4” thick in lengths shown and in multiple lengths to fit layout indicated with overall bench height at 17-1/2” to 18”. Bench tops shall be mounted to heavy-duty 16 gauge 1-1/2” O.D. tube welded to 10 gauge drawn flanges top and bottom. Provide pedestal supports not more than 4’-0” o.c. and securely fasten bench to floor.

PART 3 - EXECUTION

3.1 PREPARATION

A. Take field measurements prior to preparation of shop drawings and fabrication of special components, when possible, to ensure proper fitting of work. However, allow for adjustment and fitting of trim and filler panels wherever taking of field measurements before fabrication might delay work.
3.2 INSTALLATION

A. Install metal lockers at locations shown in accordance with manufacturer's instructions for plumb, level, rigid and flush installation.

B. Space fastenings about 48" o.c., unless otherwise recommended by manufacturer, and apply through back-up reinforcing plates where necessary to avoid metal distortion; conceal fasteners insofar as possible.

C. Install trim, sloping tops using concealed fasteners to provide flush, hairline joints against adjacent surfaces.

3.3 ADJUST AND CLEAN

A. Adjust doors and latches to operate easily without binding, verify that integral locking devices are operating properly.

B. Touch-up marred finishes, but replace units that cannot be restored to factory-finished appearance. Use only materials and procedures recommended or furnished by locker manufacturer.

END OF SECTION 105113.