BIDDERS BULLETIN

PROJECT: Mullen Public Schools – 2012 Gymnasium Addition
Mullen, Nebraska

BULLETIN NUMBER
BB-1

ISSUED BY:
Grant Creager

PROJECT #: 10-0783

DATE ISSUED: June 1, 2012

This bulletin is issued by the Architect to all known bidders before receipt of proposals, for the purpose of explaining, interpreting, or modifying the original plans and specifications. When enumerated by the bidder upon the proposal sheet, the information or instructions given hereon will be equally binding upon all parties as if included in the original plans and specifications.
BIDDER MUST ENTER THE NUMBER OF THIS BULLETIN ON HIS PROPOSAL SHEET

MECHANICAL AND ELECTRICAL BID BULLETIN ITEMS WILL FOLLOW THE ARCHITECTURAL AND ARE FORMATED SEPERATLY.

THE FOLLOWING ITEMS ARE APPLICABLE TO THE ARCHITECTURAL SPECIFICATIONS

BB-1, ITEM #1: General Comments - NTB

The bid date has been changed to June 14th, 2012 at 2:00 PM Central Time.

For any further questions regarding the coordination of this project and bidders bulletins, please contact Charles Lindbloom at CG Architects (308)532-0411 or charleslindbloom@cgarc.com.

BB-1, ITEM #3: Substitutions

All products being supplied for these projects are to be pre-approved in the specifications or by bid bulletins. No other product or suppliers are permitted.

The following products and manufacturers will be considered approved equal for the products in which they are listed below. However, this does not relieve the supplier from providing equipment as specified, and if equipment is submitted which does not meet the intent of the specifications, it will in fact be rejected.

Architectural

Athletic Equipment	Sportable Scoreboards
Metal Wall Panels	Behlen Profile ADP 1 (in lieu of what is specified)
Metal Wall Panels	Metal Sales Manufacturing Corp. (soffit panel)

BB-1, ITEM #4: Specification Section 01030 – Alternates or Price Separation Areas

1) Revise the A1 sentence by adding: “State the amount to be added to the base bid to add” Connection Corridors with Electrical . . .

2) Add Alternate No. 2 to read: "A2 - State the amount to be added to the base bid to add Wood Gymnasium Flooring per specification section 09642."

3) Revise the last sentence to read: "The Base Bid area is the Pre-fabricated metal gymnasium building, HVAC Units serving the Gym, Lighting and power for the Gym, equipment for the Gym and site work as specified (per Bid Bulletin). Alternate No. 1 will include the underground plumbing work required for the spaces listed in A1 above.

BB-1, ITEM #: Specification Section 08410 – Aluminum Doors And Frames

1) Delete all references to Wausau Windows and Series 4250P.I.

BB-1, ITEM #: Specification Section 08700 - Finish Hardware

1) Revise Hardware Set 01 to be Alternate No. 1 for doors 100 and 109.

2) Revise Hardware Set 02 to be Alternate No. 1 for doors 110a and 110d.

3) Revise Hardware Set 03 to be Base Bid for doors 110a, 110b, 110c and 110d.

4) Revise Hardware Set 03 to be Alternate No. 1 for doors 109b.

5) Add "Hardware Set 04" to be Base Bid for doors 111 and 116. Hardware Set 04 to be the same as Hardware Set 03 with the exception that quantities of hardware will be for one door only at each location and will not require a removable mullion.

BB-1, ITEM #: Specification Section 09642 – Wood Flooring (See attachment)

1) Add Specification Section 09642 in it's entirety for Wood Gymnasium Flooring.

THE FOLLOWING ITEMS ARE APPLICABLE TO THE DRAWINGS

BB-1, ITEM #: Drawing Sheet C101

1) Revise details 7/C101, 8/C101 and 11/C101 to have a 1" radius at edge of curb or at edge of tread.

2) Omit the demolition and replacement of new concrete sidewalk paving along the east side of the existing building. Revise Site Plan Note #3 to "Not Used." The existing paving will remain.

3) Omit the trench drain from the northeast corner of the existing building. Omit detail D9/C101. Revise Site Plan Note #9 to "Not Used."

4) Omit the concrete flume from the northeast corner of the existing building. Omit detail D10/C101. Revise Site Plan Note #11 to "Not Used."

BASE BID CONDITION:

5) Add concrete structural stoops at doors 110a and 110d. No concrete structural stoops are required at these doors for Alternate No. 1.

6) Add new concrete sidewalk paving from both of the west gymnasium doors to run directly west and meet the existing concrete sidewalk with a ½" expansion joint. New concrete sidewalk paving to be 8'-0" wide and approximately 14'-8" long (including structural stoop).

7) Reduce the new 6'-0" wide concrete sidewalk paving at the southeast corner of the gymnasium to match the width of the existing sidewalk at the northeast corner of the existing building (approximately 3'-9"). The new

sidewalk paving will run south as shown in plan and meet the existing concrete paving with an expansion joint.

8) Connect the two downspouts on the south side of the gymnasium into the new storm sewer that runs between the existing building and the gymnasium. Refer to Mechanical.

9) Connect the two existing downspouts on the north side of the existing building into the new storm sewer that runs between the existing building and the gymnasium. Refer to Mechanical.

10) Remove and replace 3'-0" w. X 4'-0" existing concrete sidewalk at the northeast corner of the existing building at location of existing downspout (for tie into new underground storm drain).

11) Remove existing trench drain plus remove and replace 3'-0" w. X 4'-0" existing concrete sidewalk at the north central location of existing downspout at the existing building (for tie into new underground storm drain).

BB-1, ITEM #: Drawing Sheet A101

1) Revise all Building Section cut numbers in plan to be "A201" in lieu of A301.

2) Revise wall type symbols "C" and "D" in plan to be wall type "B" for Base Bid. Wall type symbols "C" and "D" remain as shown in plan for Alternate No. 1.

3) Add the note "This face of cmu wall to be cleaned and mortar joints raked as this wall could be exposed finish wall at later date" to the exterior west and south gymnasium walls along Alternate No. 1 area.

DOOR AND FRAME SCHEDULE:

4) Revise doors 110a and 110d to be door type "HM-1" for the Base Bid and "WD-1" for Alternate No. 1.

5) Revise doors 100, 109 and 109b to be Alternate No. 1.

BB-1, ITEM #: Drawing Sheet A102

1) Revise downspouts on south side of gymnasium to extend down to grade for the Base Bid and remain as shown in drawings for Alternate No. 1.

2) Tie existing downspouts on the north side of the existing south building into the new storm sewer line to the north.

BB-1, ITEM #: Drawing Sheet A201

1) At the west and south elevations the metal wall panel to grade will be provided by the Pre-Fab Building Supplier similar to the east and north elevations for Base Bid and remain as shown in section for Alternate No. 1.

BB-1, ITEM #: Drawing Sheet A201 and A701

1) Add control joints at each side of door at all masonry walls (as drawn).

MECHANICAL AND ELECTRICAL BID BULLETIN ITEMS WILL FOLLOW THE ARCHITECTURAL AND ARE FORMATED SEPERATLY.

END OF BB-1, See Attached

SECTION 09642 – WOOD GYMNASIUM FLOORING

PART 1 - GENERAL

DESCRIPTION

Related work specified under other sections.

CONCRETE SUBFLOORS - SECTION 03010

Slab depression is:
1-3/4" for 16/32" flooring (1/2" maple with pre-expansion)

The general contractor shall furnish and install the concrete subfloor depressing the slab sufficiently to accommodate the floor system. The slab shall be steel troweled and finished smooth to a tolerance of 1/8" in any 10' radius by the general contractor. High spots shall be ground level, and low spots filled in with approved leveling compound by the general contractor to the full approval of the installer (Flooring Contractor).

Concrete slab aggregate shall be 3/4" screen crushed limestone or similar type material (no river gravel or pea gravel), free of curing agents. Concrete shall develop an average of 3,500-PSI compression after 28 days.

MEMBRANE WATERPROOFING - SECTION 07115

Concrete subfloors on or below grade shall be adequately waterproofed beneath the slab and at the perimeter walls and on earth side of below grade walls by general contractor using suitable type membrane.

GAME STANDARD INSERTS - SECTION 10540

REFERENCES

MFMA - Maple Flooring Manufacturers Association
DIN - Performance Standard DIN 18032, Part 2, 2001

QUALITY ASSURANCE

Manufacturer

Provide gymnasium flooring system only by one of the pre-approved manufactures & installers as follows:

Connor
Robbins Inc.

Manufacturer of resilient flooring shall be a firm specializing in manufacturing products specified in this section.

Manufacturer of flooring and subfloor components must be ISO 9001:2000 Certified to assure quality control of materials provided.

Basis of design shall be "S-Channel" sports floor system as provided by Connor Hardwood Courts, www.connorfloor.com, (800-833-7144) or approved equal.

Installer (Flooring Contractor)

The complete installation of the flooring system, as described in the scope of these specifications, shall be carried out by an experienced installer (Flooring Contractor), and the work shall be performed in accordance with most recent installation instructions of the manufacturer.

Installer (Flooring Contractor) shall be liable for all matters related to installation for a period of one year after the floor has been substantially installed and completed.

Performance Requirements

Flooring system shall have been independently tested and meets or exceeds all Athletic Performance Requirements according to the International Standard DIN 18032, part 2, 2001. Final performance results do not allow averaging non-compliant test points to achieve DIN compliance.

Independent DIN testing laboratory shall have Scientific Body Membership in the International Association of Sports Surface Sciences (ISSS). Test equipment shall have been calibrated and certified through the ISSS.

DIN testing engineer shall be an ISO 17025 System member rated for each performed test conducted.

System construction shall include full resilient blanket below subfloor panels.

Subfloor shall provide full surface plate throughout, manufactured of minimum 3/4" 7-ply plywood.

Subfloor panels shall be integrated with attachment of extending edges on all sides.

SUBMITTALS

Specification - Submit Connor S-Channel specification sheets.

Sample - Submit one sample of specified system, if requested by architect.

Maintenance Literature – Upon completion of floor installation, send to Owner, attendants or individuals in charge and responsible for the upkeep of the building a CARE CARD. This card spells out care and maintenance instructions including temperature and humidity ranges for areas where flooring is installed.

WORKING CONDITIONS

The wood flooring specified herein shall not be installed until all masonry, painting, plaster, tile, marble and terrazzo work is completed, and overhead mechanical trades and painters have finished in the wood floor areas. The building shall be enclosed and weathertite.

The concrete subfloor shall be determined dry by industry standard testing procedures, free of foreign materials and turned over to the installer (Flooring Contractor) broom clean. Moderate room temperature of 65 degrees or more shall be maintained a week preceding and throughout the duration of the work. Humidity conditions within the building shall approximate the humidity conditions that will prevail when the building is occupied.

Permanent heat, light and ventilation shall be installed and operating during and after installation, maintaining a range of temperature and humidity compatible with the expected low and high moisture content of the flooring. The wood moisture content range is determined by the flooring contactor based on the facility's mechanical controls and/or geographical location.

Flooring must be stored in a dry, well-ventilated area, not in contact with masonry, to acclimate to building conditions and shall be installed at moisture content compatible with the normally expected environmental range of temperature and relative humidity achieved while the facility is occupied.

General Contractor shall lock floor area after floor is finished to allow proper cure time. If general contractor or owner requires use of gym after proper cure time, he shall protect the floor by covering with non-marring kraft paper or red rosin paper with taped joints until acceptance by owner of complete gymnasium floor.

Working conditions as described above shall be followed. Variations and substitutions shall be submitted for approval to the architect who shall advise manufacturer of the same.

HUMIDITY CONTROL

WARRANTY

The manufacturer warrants that the materials it has supplied will be free from manufacturing defects for a period of one year. The foregoing warranty is in lieu of and excludes all other warranties not expressly set forth herein, whether express or implied in operation of law or otherwise, including, but not limited to, any implied warranties of merchantability or fitness. This warranty is expressly limited to the flooring materials (goods) supplied by Connor. This warranty does not cover floor damage caused (wholly or in part) by fire, winds, floods, moisture, other unfavorable atmospheric conditions or chemical action, nor does it apply to damage caused by ordinary wear, misuse, abuse, negligent or intentional misconduct, aging, faulty building construction, concrete slab separation, faulty or unsuitable subsurface or site preparation, settlement of the building walls or faulty or unprofessional installation of Connor flooring systems or approved equal.

The manufacturer shall not be liable for incidental or consequential losses, damages or expenses directly or indirectly arising from the sale, handling or use of the materials (goods) or from any other cause relating thereto, and their liability hereunder in any case is expressly limited to the replacement of materials (goods) not complying with this agreement, or at their elections, to the repayment of, or crediting buyer with, an amount equal to the purchase price of such materials (goods), whether such claims are for breach of warranty or negligence. Any claim shall be deemed waived by buyer unless submitted to the manufacturer in writing within 30 days from the date buyer discovered, or should have discovered, any claimed breach.

PART 2 - PRODUCTS

MATERIAL

Vapor Barrier - 6-mil polyethylene.

Resilient Pads

Connor S-CHANNEL “full blanket” resilient cushion or approved equal.

Subfloor

Connor pre-manufactured 3/4” subfloor panels providing extended end and side edges for panel-to-panel integration or approved equal.

Flooring (Connor Laytite Maple) or approved equal.

16/32” X 2-1/4” (1/2” thickness), Second & Better Grade, Northern Hard Maple flooring, TGEM, MFMA

Grade marked and stamped as manufactured by Connor Hardwood Courts, Amasa, MI or approved equal. Manufactured flooring profile shall include 1/64" side edge crush bead.

Fasteners

Flooring Fasteners -1-1/2" barbed cleats or coated staples.
Subfloor Fasteners - 3/4" staples or equivalent.
Concrete Fasteners - 16 gauge steel S-Channel.
S-Channel Anchors – 1 ½" steel drive pins (or length as dictated by site conditions-achieving a minimum 900 lbs pullout strength).

Finish Materials – PoloPlaz Seal and Finish Connor oil modified polyurethane seal and finish or equal.

Game Lines - Game line paint shall be compatible with finish.

Wall Base - 3" X 4", heavy duty, molded, vented cove base with pre-molded outside corners.

Protective Floor Cover – Provide Connor "Court Cover" protective floor cover. 1m x 2m tiles, (or approved equal) heavy duty rolled PVC backing with a polyester top for comfort, available in standard colors (grey, chestnut, brown, blue).

PART 3 - EXECUTION

EXECUTION

Inspect concrete slab for proper tolerance and dryness. Report any discrepancies to general contractor and architect in writing.

Concrete slab shall be broom cleaned by general contractor.

Installer (Flooring Contractor) shall document all working conditions provided in General Specifications prior to commencement of installation.

INSTALLATION

Subfloor

Cover concrete with poly, sealing and lapping joints a minimum of 6".

Place resilient cushion over vapor barrier perpendicular to finished flooring direction, abut end and side joints within 1/2" of adjacent cushion sections. Offset end joints in adjacent rows by a minimum of 24".

Arrange subfloor panels in a staggered brick pattern perpendicular to finished flooring direction with panel ends offset 48" in alternating rows. Attach overlapping side and end joints of adjacent panels with 3/4" staples 12" on center. Provide nominal 1/4" spacing between panel end edges, 3/8" between side edges, and provide 1 1/2" expansion voids at perimeter and at all vertical obstructions. Install solid blocking at doorways, under bleachers in the stacked position, and below portable goals.

Attach S-CHANNEL sections at designated locations prior to placement of adjacent subfloor panels.

Maple Flooring

Install maple flooring by power nailing or stapling approximately 10"-12" on center with end joints properly driven up.

If required, size joints between flooring strips to allow for intermediate expansion in accordance with local humidity conditions.

Provide 1-1/2" expansion voids at perimeter and at all vertical obstructions.

FINISHING

Maple Flooring

Machine sand with coarse, medium, and fine paper to a smooth, even and uniform surface.

Remove sanding dust from entire surface by tack or vacuum.

Inspect entire area of floor to insure that surface is acceptable for finishing, clean and completely free from sanding dust.

Apply two (2) coats of approved seal and two (2) coats of approved finish per manufacturer's instructions.

Buff and clean floor between coats.

Games Lines: Apply game lines as indicated on drawings, between seal and first coat of finish.

BASE INSTALLATION

Install vent cove base to walls with base cement or screws. Use pre-molded outside corners and mitered inside corners.

CLEANING

Remove excess and waste materials from the area of work.

END OF SECTION 09642

FARRIS ENGINEERING

ADDENDUM 1

Date:	May 31, 2012	**Date of Issuance:**	May 2012
Project Name:	Mullen High School / Jr. High 2012 Gymnasium Additions, Mullen, Nebraska	**Date of Opening:**	June 7, 2012
FE Project No.:	124007		

NOTICE: This addendum is applicable to the referenced project and is issued to all known planholders prior to receipt of proposals. The information contained herein shall be fully incorporated into the Bid Contract Documents as though originally incorporated. Failure to acknowledge all amendments may be cause for rejection of the bid.

TO: Bidders and Others Concerned

Changes to the Project Manual

1. SECTION 23 30 00 AIR DISTRIBUTION:

   A. Page 23 30 00-2 Part 2 Products 2.1.A.3, Add:

      i. S.E.T. Duct Mfg.

      j. Spiral Pipe of Texas

      k. Lewis & Lambert

      l. LA Pine Metal Products

2. SECTION 23 30 00 AIR DISTRIBUTION:

   A. Page 23 30 00-3 Part 2 Products 2.1.A.6, Add:

      g. Nailor

3. SECTION 23 74 13 ROOFTOP HEATING AND COOLING UNITS:

   A. Page 23 74 13-3 Part 2 Products 2.1.A.1, Add:

      g. Greenheck

4. SECTION 23 74 13 ROOFTOP HEATING AND COOLING UNITS:

   A. Page 23 74 13-3 Part 2 Products 2.1.A.2, Add:

      h. Greenheck

5. SECTION 23 82 39 13 ROOFTOP HEATING AND COOLING UNITS:

A. Page 23 82 39-2 Part 2 Products 2.1.A., Add:

7. Raywall

Changes to the Drawings

1. SHEET NUMBER ME100 - MECHANICAL / E;ECTRICAL SITE PLAN:

A. Under the Base Bid, Add an extension of the new 8" storm pipe main below grade along the south side of the new gym to the southwest corner of the new gym. Add a new storm lateral from the 8" main to the location of the roof downspout at the southwest corner of the new gym and a location near the center of the new gym south wall where the new roof downspout is down at grade. See sheet no. A102 for location of both roof downspouts and sheet P101 for piping connections and fitting. Coordinate with the general contractor.

2. SHEET NUMBER M100 - HVAC RENOVATION PLAN:

A. Under the Base Bid, the rooftop unit RTU-1 shall be located on the new gym roof between the first and second rigid mainframe from the west wall and approximately 24'-0" from the north wall of the new gym. Provide the ductwork and fittings required to route the 32" rd SA duct south to the RTU-1 with transition from 32" rd to 76" x 26" and up to the RTU-1 discharge duct collar. Provide a 30"x18" return air ductwork and transition from the 76"x20" RTU-1 intake duct collar, route the 30"x18" north to the northwest corner of the new gym, transition to a 48"x18" duct and route the 48"x18" down along the west wall of the new gym to an elevation of approximately 1'-0" A.F.F. A return air grille "C" shall be mounted on the east side of the 48"x18" return duct at approximately 1'-0" A.F.F. The 48"x18" shall have a protective enclosure furnished by the General Contractor. Coordinate with the General Contractor.

3. SHEET NUMBER M100 - HVAC RENOVATION PLAN:

A. Under the Base Bid, the rooftop unit RTU-2 shall be located on the new gym roof between the first and second rigid mainframe from the west wall and approximately 24'-0" from the south wall of the new gym. Provide the ductwork and fittings required to route the 32" rd SA duct north to the RTU-2 with transition from 32" rd to 76" x 26" and up to the RTU-1 discharge duct collar. Provide a 30"x18" return air ductwork and transition from the 76"x20" RTU-1 intake duct collar, route the 30"x18" south to the southwest corner of the new gym, transition to a 48"x18" duct and route the 48"x18" down along the west wall of the new gym to an elevation of approximately 1'-0" A.F.F. The return air grille "C" shall be mounted on the east side of the 48"x18" return duct at approximately 1'-0" A.F.F. The 48"x18" shall have a protective enclosure furnished by the General Contractor. Coordinate with the General Contractor.

4. SHEET NUMBER M100 - HVAC RENOVATION PLAN:

A. Under the Base Bid, the new 2" LPG piping from the new second stage LPG regulator shall be routed down, installed below grade and run below grade to a location at the northwest corner of the new gym. The 2" LPG pipe shall extend up above grade, run exposed up along the exterior of the new gym wall and onto the roof for service to RTU-1 and RTU-2.

5. SHEET NUMBER M101 - HVAC ROOF PLAN:

A. Under the Base Bid, the 2" LPG piping shall be piped from the northwest corner of the new gym onto the gym roof for service to RTU-1 and RTU-2. The LPG pipe size shall be 2" from the second stage regulator up to and include the fittings and 1 ¼" take-off to RTU-1 then reduce to a 1 ½" to be run above the roof to RTU-2.

6. SHEET NUMBER P101 – PLUMBING RENOVATION PLAN:

A. Reference to the Keynote #2: change the note from a 4" sanitary sewer connection to existing 6" san, to read: "Connect the new 6" sanitary sewer line to the existing 6" sanitary sewer line. Verify the exact location, existing size and existing flow direction prior to start of new work".

7. SHEET NUMBER P101 – PLUMBING RENOVATION PLAN:

A. Under the Base Bid the new 6" sanitary sewer shall be routed around the new gym with connections to the existing piping at the existing building and near the existing manhole as reference in Keynote #2 and #4. .

8. SHEET NUMBER P101 – STORM DRAINAGE RENOVATION PLAN:

A. Under the Base Bid, Add an extension of the new 8" storm pipe main below grade along the south side of the new gym to the southwest corner of the new gym. Add a new 6" storm lateral from the 8" main to the location of the roof downspout at the southwest corner of the new gym where the new roof drain downspout is down to grade and add a new 6" lateral from the 8" main to the location near the center of the new gym south wall where the new roof downspout is down at grade. Reference plumbing detail 6/P200 for each downspout. See sheet no. A102 for location of both roof downspouts. Coordinate with the general contractor.

9. SHEET NUMBER P101 – STORM DRAINAGE RENOVATION PLAN:

A. Reference to the Waste and Vent Riser, Change the new 4" sanitary pipe connected to the existing 6", at the existing building, to a new 6" connected to the existing 6" and run new 6" north and east to existing connection near the existing manhole.

10. SHEET NUMBER E201 – POWER AND SPECIAL SYSTEMS RENOVATION PLAN:

A. Provide and install all necessary conduit, wire, boxes, Mat lift controller, etc. to connect wrestling mat lift. Located at west end of Gym. Motor requirements are 1/2 hp 3 phase 208V. Provide 3#12, 1-#12 G, 3/4" C. and 1 - 20-amp 3 pole circuit breaker in Panel - G1. See attached wiring diagram and provide and install conduit and wire as shown.

B. Under the Base Bid, locate the new service and panels in the southwest corner of the gymnasium and provide protection for the panels.

C. Under Alternate #1 locate the panels as shown on the plans.

11. SHEET NUMBER E300 - LUMINAIRE SCHEDULE

A. Include Williams as an alternate manufacturer for the luminaires shown.

Clarifications

1. For accounting purposes, all fire sprinkler work shall be included as part of the connecting corridor funding portion of the project.

Attachments

1. N/A.

Miscellaneous

1. Should the gym be constructed as a stand-alone building without the connecting corridors, no fire sprinklers shall be installed in the new construction area. Should that occur, the fire alarms and the site piping to the existing building sprinkler system shall be adjusted via change order to accommodate the changed floor plan.

--END--

Document1