

Addendum No. 4
Poinciana High School Auditorium

10/17/2008

Addendum No. 4 to Drawings dated April 4, 2008, The Poinciana High School Auditorium for the School District of Osceola County, Florida, as prepared by **Schenkel**/Shultz, 200 East Robinson Street, Suite 300, Orlando, Florida 32801.

This Addendum No. 4 shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified and set forth in this Addendum No. 4.

CHANGES TO PROJECT MANUAL

ARCHITECTURAL

ITEM NO. 1.: PROJECT MANUAL, SECTION 00300 – BID SUBMITTAL FORMS

- A. Delete the Bid Bond Form, (pages 00300-3 and 00300-4), included in this section and instead use the Bid Bond form attached to this addendum.
- B. Delete the Bid Submittal Form from addendum no. 3 and replace with the Bid Submittal Form attached to this addendum for Deductive ALTERNATE No. 6 Builders Risk Insurance Policy.

ITEM NO. 2.: PROJECT MANUAL, SECTION 01030 – ALTERNATES

- A. Part 1.3: add F. ALTERNATE No. 6 Builders Risk Insurance Policy. State the amount required to deduct the Builders Risk Insurance from the project.

ITEM NO. 3.: PROJECT MANUAL, SECTION 04200 - UNIT MASONRY

- A. Provide bricks as called for on the exterior elevations per the spread sheet attached. Equals are acceptable as long as colors and quality are matched.

ITEM NO. 4.: PROJECT MANUAL, SECTION 05520 – HANDRAILS AND RAILINGS

- A. Clarification Note: All railings on this project are aluminum except for enclosed stairs 9-102 and 9-105 which are steel. Add the following specification to this section for aluminum handrails:

1.1 SUMMARY

- A. Section includes aluminum pipe handrails and railings

2.1 ALUMINUM MANUFACTURERS

- A. Subject to compliance with requirements, aluminum handrails and railings shall be as fabricated by one of the following:
1. Superior Aluminum Products, Inc., Russia, Ohio
 2. Petersen Metal Products, Inc., Odessa, Florida
 3. Poma Corporation, West Palm Beach, Florida
 4. Architectural Metal Works, Tarpon Springs, Florida

2.2 MATERIALS

- A. Aluminum
1. Aluminum Surfaces, General: For fabrication of miscellaneous metal work which will be exposed to view, use only materials which are smooth and free of surface blemishes including pitting, seam marks, roller marks, rolled trade names, and roughness.
 2. Aluminum Pipe: Formed from extruded 6063-T5, 1-1/2" and 3" outside diameter aluminum pipe. Formed Elbows from extruded 6063-T4 aluminum.
 3. Accessories: Cast from ANSI 713 alloy.
- B. Nonshrink, Nonmetallic Grout: refer to Section 05 50 00 – Metal Fabrications
- C. Fasteners
1. General: Provide zinc-coated fasteners for exterior use or where built into exterior walls. Select fasteners for the type, grade, and class required.
 2. Masonry Anchorage Devices: Expansion shields, FS FF--325.
 3. Toggle Bolts: Tumble-wing type, FS FF-B-588, type, class, and style as required.
 4. Concrete Anchor Bolts: Hexagon head "Kwik Bolt" by Hilti Fastening System, Tulsa, Oklahoma.
- D. Finish: Class I Clear Anodized per AA-M12C22A41 complying with AAMA 607.1.

2.3 ALUMINUM PIPE HANDRAILS AND RAILINGS

- A. Fabricate pipe railings to dimensions and details shown with smooth bends and welded joints ground smooth and flush.
- B. Interconnect railing and handrail members by butt-welding or welding with internal connectors, at fabricator's option, unless otherwise indicated.
1. At tee and cross intersections, provide coped joints.
 2. At bends, interconnect pipe by means of prefabricated elbow fittings or flush radius bends, as applicable, or radiuses indicated.
 3. Form bends by use of prefabricated elbow fittings and radius bends.
- C. Form simple and compound curves by bending pipe in jigs to produce uniform curvature for each repetitive configuration required; maintain cylindrical cross-section of pipe throughout entire bend without bucking, twisting, or otherwise deforming exposed surfaces of pipe.

- D. Provide wall returns at end of wall-mounted handrails, except where otherwise indicated.
- E. Close exposed ends of pipe by welding 3/16-inch thick aluminum plate in place or by use of prefabricated fittings.
- F. Brackets, Flanges, Fittings, and Anchors: Provide wall brackets, end closures, flanges, miscellaneous fittings, and anchors for interconnections of pipe and attachment of railings and handrails to other work. Furnish inserts and other anchorage devices for connecting railings and handrails to concrete or masonry work.
- G. Stair Railings and Handrails: Comply with applicable requirements specified elsewhere in this Section for aluminum pipe railing and handrails, and as follows:
 - 1. Railings may be bent at corners, rail returns and wall returns, instead of using prefabricated fittings.
 - 2. Connect railing posts to stair framing by direct welding, unless otherwise indicated.

ITEM NO. 5.: PROJECT MANUAL, SECTION 07726 – SMOKE VENTS

- A. Part 2.1.B.: Add "3. Nystrom, Brooklynn Park, MN 55428 lgreenfield@nystrom.com to the list of acceptable manufacturers

ITEM NO. 6.: PROJECT MANUAL, SECTION 08333 – OVERHEAD COILING FIRE DOORS

- A. Delete reference to "Stainless Steel" for door no. 9-115A. This door shall be primed steel for painting in the field to match what is called for in the door schedule.

ITEM NO. 7.: PROJECT MANUAL, SECTION 09550 – WOOD FLOORING

- A. Part 2.1.A.: Add "5. Robbins Sport Floor Florida Boca Raton, FL 33487 cnewton@robbinsfloor.com to the list of acceptable manufacturers

ITEM NO. 8.: PROJECT MANUAL, SECTION 10530 – ALUMINUM WALKWAY CANOPY

- A. Part 2.1.B.: Add "8. Architectural Metal Systems P.O. Box 720842, Orlando, FL 33872 Aluminumconstruction@yahoo.com to the list of acceptable manufacturers

ITEM NO. 9.: PROJECT MANUAL, SECTION 10800 – TOILET ACCESSORIES

- A. Part 1.1.B.: Delete 1. and 2. from this section as owner furnished. Provide toilet paper dispensers and paper towel dispensers as scheduled on enlarged toilet drawing A201. Consider the manufacturer listed as the basis of design. Alternate manufacturers are acceptable that meet or exceed the products listed. Soap Dispensers will remain as owner provided.

ITEM NO. 10.: PROJECT MANUAL, SECTION 11065 – CURTAINS AND TRACKS FOR CCTV STUDIO

- A. Delete this section in its entirety.

ITEM NO. 11.: PROJECT MANUAL, SECTION 12710 – AUDITORIUM SEATING

- A. Part 2.1.B.: Add “5. Track Seating of Spring Lake, MI www.trackseating.com to the list of acceptable manufacturers

ELECTRICAL

ITEM NO. 12.: PROJECT MANUAL, SECTION 16555 - STAGE LIGHTING

- A. Part 1.05.: Add “F. Mainstage Theatrical Supply, Inc. Pensacola, FL 32514 dsternk@mainstage.com to the list of acceptable manufacturers

ITEM NO. 13.: PROJECT MANUAL, SECTION 16721 – ADDRESSABLE FIRE ALARM/DETECTION SYSTEM

- A. Part 1.5.F.2.: Add “d). Silent Knight to the list of acceptable manufacturers

CHANGES TO DRAWINGS

STRUCTURAL

ITEM NO. 14.: DRAWING NO. S101

- A. Change the finish floor elevation in Mechanical Room 9-123 and Fire Pump Room 9-124 in the lower left hand corner of the room from 102'-11' to 100'-0" to match detail 8/S201.

ARCHITECTURAL

ITEM NO. 15.: DRAWING NO. A101 – FLOOR PLAN

- A. Clarification: There are 3 sound deflectors on each side of the stage as shown and detailed on 10/A901, however, only the first one on each side of the stage contains the light bar slot and bar.

ITEM NO. 16.: DRAWING NO. A301 – EQUIPMENT PLAN

- A. Clarification: The dark lines around the handicapped wheelchair spaces on the back row of the auditorium house are aluminum guardrails. Figure 2 horizontal bars with a top rail height of 34".
- B. Clarification: There are some pieces of owner provided equipment that are marked as owner provided and installed on this drawing. The contractor shall install the owner provided equipment that is listed in part 1.1.A. of Section 11630.

ITEM NO. 17.: DRAWING NO. A321 – FINISH PLAN

- A. Refer to Base Finish Schedule: Under Wood Base, change reference to detail 5/A903 to 7/A902. A wood base is required at all walls of the stage.

ITEM NO. 18.: DRAWING NO. A702 – WALL SECTIONS

- A. Refer to Section 2/A702: Delete the following note “Rubber Cove Vented Base” and replace with “Wood Base.” A wood base is required at all walls of the stage.

ITEM NO. 19.: DRAWING NO. A703 – WALL SECTIONS

- A. Refer to Section 1/A703: Delete the following note “3/4” plaster over metal lath over metal framing” at the auditorium ceiling and replace with “Veneer Plaster on 5/8” Gyp. Bd.” To match what is called for on the reflected ceiling plan.

ITEM NO. 20.: DRAWING NO. A801 – INTERIOR ELEVATIONS

- A. Refer to Detail No. 4: All interior reveals on this project are to be aluminum as manufactured by Fryreglet Corporation or equal.

MECHANICAL

ITEM NO. 21.: DRAWING NO. M001 – HVAC LEGEND, ABBREVIATIONS, AND GENERAL NOTES

- A. Clarify General Note 13 to provide motor starters for all mechanical system motors that require control through the EMS including all pumps and fans. Air handling units provided with variable frequency drives do not require additional motor starters as the VFD acts as the starter for those motors.

ITEM NO. 22.: DRAWING NO. M301 – ENLARGED MECHANICAL ROOM PLANS

- A. Clarify dust collection system control in detail 3. Dust collection system shall be provided with integral control panel. Provide manual start / stop push button on the wall separating the dust collection unit and the classroom and tie into control panel.

ITEM NO. 23.: DRAWING NO. M501 – HVAC DETAILS

- A. Revise detail to include a minimum length of straight duct at the connection to the VAV. The length of straight duct shall be per the minimum requirements of the flow station provided with the VAV terminal.

ITEM NO. 24.: DRAWING NO. M502 – HVAC DETAILS

- A. Revise detail 2, note 10 to provide two independent components for flow control and control valve. In lieu of the one piece valve and flow control assembly equal to the Belimo PICCV valve, provide a automatic flow control valve and a characterized 2-way control valve.

ELECTRICAL

ITEM NO. 25.: DRAWING NO. E101 – FLOOR PLAN – LEVEL 1 – LIGHTING

- A. Delete Drawing E101 dated 04/04/08 and replace with Drawing E101 marked Revised 10-10-08 as attached to this addendum. Work incorporated includes but is not limited to:
1. Add note identifying scope of lighting to be bid as alternate #2.

OWNER ANSWERS TO RFI QUESTIONS NOT OTHERWISE COVERED IN THIS ADDENDUM

ITEM NO. 26.: Question 1

- Q. Please confirm that the builders risk insurance policy shall be the responsibility of the general contractor for the total contract amount.
- A. The general Contractor shall include the cost of the builders risk insurance policy in his base bid but also provide a deductive alternate price as deductive alternate number 6 in specification section 01030 should the owner decide to carry this insurance instead.

ITEM NO. 27.: Question 2

- Q. 00300-2 states that subcontractor certification regarding debarment, suspension, ineligibility and voluntary exclusion (00300-11) has to be provided as part of the bid package, however this form itself states it is required after bid award. Does this form have to be submitted with the bid for major subcontractors?

- A. Form 00300-10 needs to be completed by the Prime and returned with the bid submittal. Form 00300-11 needs to be completed by the Prime's subs and can be turned in after bid award.

ITEM NO. 28.: Question 3

- Q. With the entire site being fenced, does the Jessica Lunsford Act still apply and can the background checks be relaxed for subcontractors who stay within the project confines?

- A. The Jessica Lunsford Act must be enforced because this project is on an active campus.

ITEM NO. 29.: Question 4

- Q. Do any of the final surveys require a survey of the entire school property or are we to survey just the area of construction the project?

- A. A topographic final survey is required within the construction project area, however, a boundary survey for entire campus owned by the School is also required. The final topographic survey shall also be delineated on the entire boundary survey to locate the proposed auditorium building as has been constructed.

ITEM NO. 30.: Question 5

- Q. Is PVC piping allowed for drain lines for sanitary waste and rain leaders below grade?

- A. PVC pipe is allowed for the roof drains (including lateral and leaders) and yard drains that connect to the storm sewer inlets but the main line on the south side of the building that connects to the existing inlet should be RCP. PVC is also allowed for the sanitary lateral for connection of the building and existing sanitary main.

ITEM NO. 31.: Question 6

- Q. Is there a minimum dollar amount for DPO purchases or groups of purchases from vendors?

- A. No.

ITEM NO. 32.: Question 7

- Q. Is the intent of the DPO process to also credit back to the owner the bond cost associated with these purchases? If so how can the payment and performance bond be segregated?

The DPO process saves money on payments, but the bond covers performance (coordination, installation and handling) as well.

- A. No. The intent of the DPO process is to credit back to the owner the cost of the materials purchased and the associated sales tax savings.

ITEM NO. 33.: Question 8

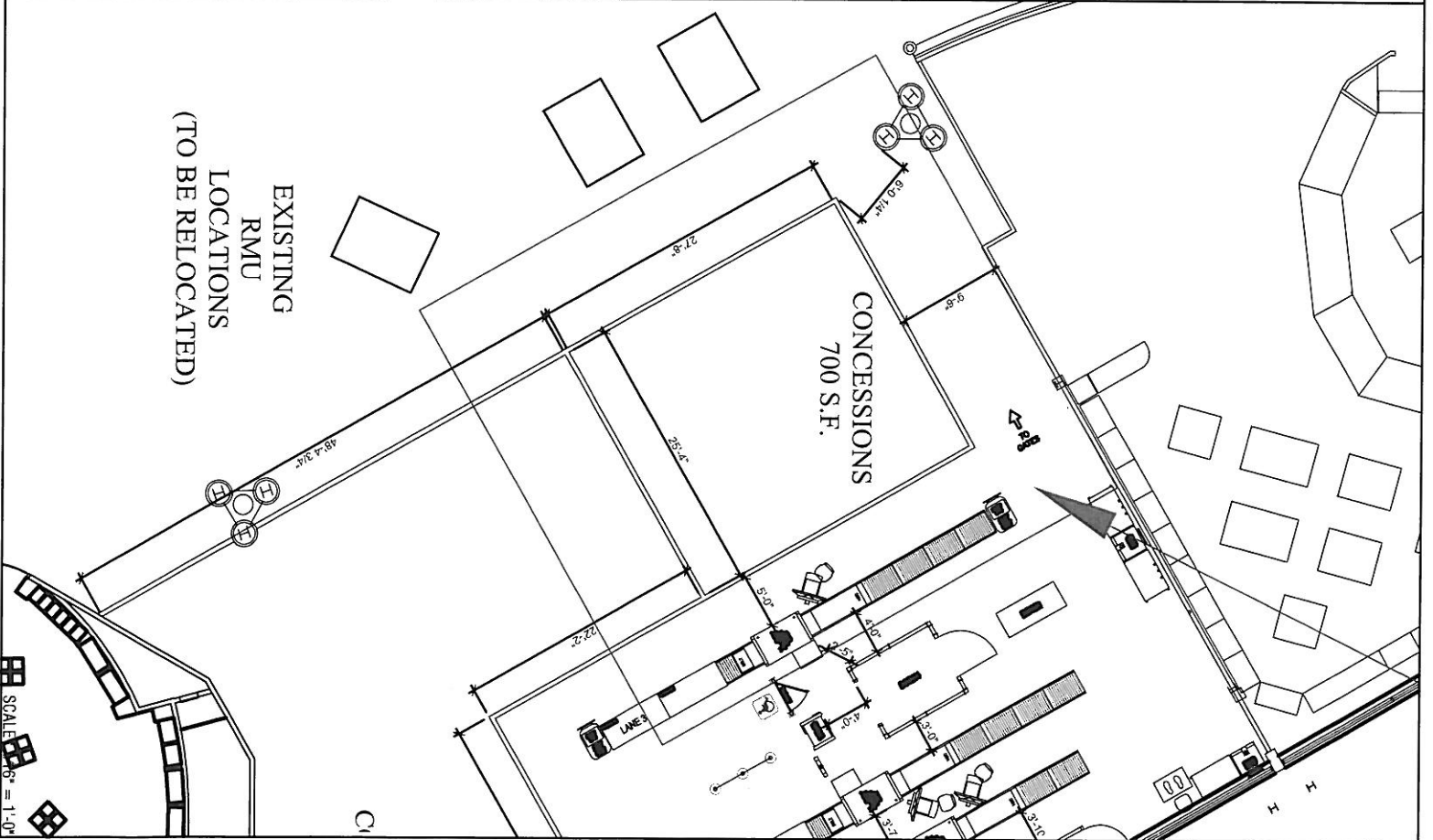
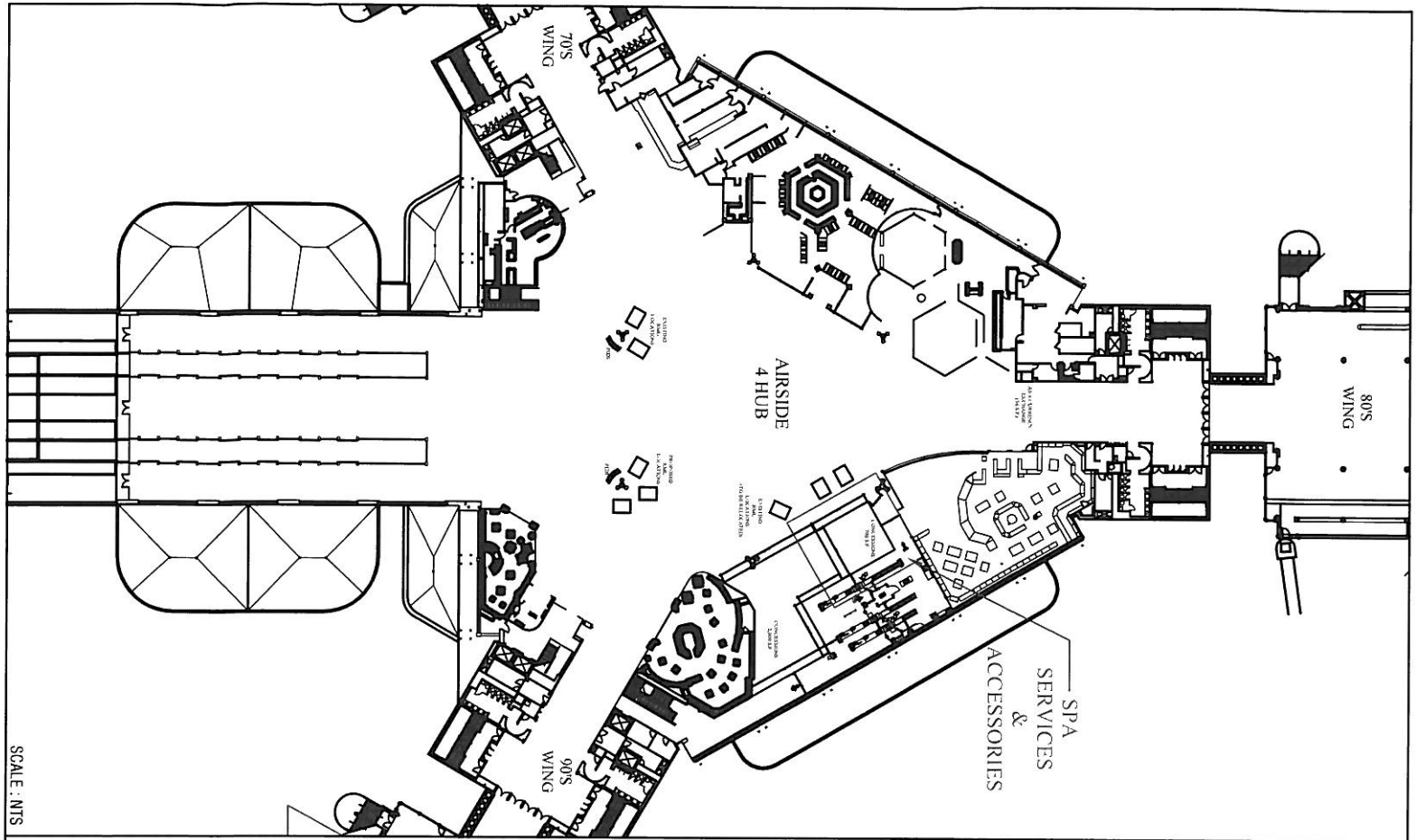
- Q. Per (Section 17020-8) F all cabling shall be plenum rated as required. Does this means cabling needs to be Cat 6 Plenum or can in some areas be non plenum. And if non plenum is acceptable in some areas, which areas are those? Is Cat 5e acceptable?

- A. There are no spaces on this project that require plenum cabling. Any mechanical spaces that are plenum rated should not have cable run through them. All cable shall be Cat 6. No Cat 5e shall be installed.

ITEM NO. 34.: Question 9

- Q. (Section 17020-8) 2.5 Patch Cords What is the quantity and type needed for this project?
And how is the manufacture approved by the School District?
- A. All patch cords for voice and data are to be owner provided.

END OF ADDENDUM NO. 4



ORLANDO AIRPORT AUTHORITY
ORLANDO INTERNATIONAL AIRPORT

AIRSIDE 4 CONCESSIONS

SPA SERVICES AND ACCESSORIES

SCHENKEL SHULTZ ARCHITECTURE

drawn: AA
 checked: ES
 date: 10-17-08
 comm. no.: 0820737

EXHIBIT A

AS4-01

SCALE: MTS

SCALE: 1/8" = 1'-0"

BID SUBMITTAL FORM

Bidder Name: _____

Address: _____

Telephone: _____

To: The School District of Osceola County
Purchasing Department
817 Bill Beck Boulevard, Building 2000
Kissimmee, Florida 34744

Project: Poinciana High School Auditorium
2300 South Poinciana Blvd.
Poinciana, Florida 34758

I have received and carefully reviewed all Invitation to Bid, including all Contract Documents prepared by:

SCHENKELSHULTZ
200 East Robinson Street, Suite 300
Orlando, Florida 32801

I have also received Addenda Nos. _____ and have included their provisions in my Bid Response. I have examined the Documents, Drawings, and the site, and submit the following Bid.

Prior to completing the Bid Submittal Form, the undersigned represents that he has carefully reviewed the Invitation to Bid, Instructions to Bidders, General Conditions of the Contract for Construction, Supplementary Conditions, and Technical Specifications, and understands these documents. Failure to comply with provisions of the Contract Documents may be cause for disqualification of bid.

In submitting this Bid, I agree to the following:

1. To hold my bid(s) open for 60 days after receipt of bids.
2. To accept the provisions in the Instructions to Bidders, regarding all Bid Security requirements.
3. To enter into and execute a Contract, if awarded on the basis of this Bid, and if required to furnish Performance Bond and Labor and Material Payment Bonds in accordance with the Instructions to Bidders.
4. To submit Certificates of Insurance for the coverage specified.
5. To accomplish the Work in accordance with the Invitation to Bid and Contract Documents.
6. To complete the Work covered by this Invitation to Bid within 300_ calendar days from the date of written order to proceed with the Work to date at which work under this Invitation to Bid is completed.

Poinciana High School Auditorium
The School District of Osceola County
Poinciana, FL 34758

7. To accept the Contractor's Construction Sequence of the Work as described in Division 1, Section 01 11 00.
8. It is recognized that Work for this Project is to be performed under no-lien contracts between the Owner and each Prime Contractor.

BASE BID: I agree to execute the work under the following Single Prime Contract Base Bid indicated for the lump sum amount given therein.

Base Bid for Single Prime Contract	BASE BID AMOUNT
BASE BID -	\$ _____
	(State amount in words)

ALTERNATES:

- | | |
|---|----------|
| ALTERNATE NO. 1 – ACHIEVE SUBSTANTIAL COMPLETION WITHIN 240 DAYS (SPECIFY ADD OR DEDUCT) | \$ _____ |
| ALTERNATE NO. 2 – DELETE COST OF COVERED CANOPY AREA BETWEEN GYM AND AUDITORIUM | \$ _____ |
| ALTERNATE NO. 3 – DELETE BALLERINA CUTOUTS: | \$ _____ |
| ALTERNATE NO. 4 – DELETE THE PAVING WORK AND ASSOCIATED WORK WITH EXISTING ROUND-ABOUT AREA | \$ _____ |
| ALTERNATE NO. 5 – DELETE FIRE PUMP: | \$ _____ |
| ALTERNATE NO. 6 – DELETE BUILDERS RISK INSURANCE: | \$ _____ |

I have also attached the following required submissions:

- 5% Bid Security (or Bid Bond will be provided for Base Bid 300 day Substantial Completion deadline)
- Non-Collusion Affidavit
- Conflict of Interest Form
- Experience/Completed Projects
- Drug Free Workplace Certification Form
- Certification Regarding Debarment, Suspension, and Other Responsibility Matters Primary Covered Transactions
- Certification Regarding Debarment, Suspension, Ineligibility And Voluntary Exclusion

BID BOND

STATE OF)
COUNTY OF)^{ss}

KNOW ALL MEN BY THESE PRESENTS, that _____
_____ as Principal, held and firmly bound unto The School District of
Osceola County, Florida, in the penal sum of _____
Dollars (\$_____) lawful money of the United States, for the payment of which sum will
and truly to be made, we bind ourselves, our heirs, executors, administrators, and successors,
jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that, whereas the Principal has
submitted the accompanying bid, dated _____, 20____, for:

***Construction of an Auditorium for Poinciana High School
The School District of Osceola County, Florida
2300 South Poinciana Blvd.
Poinciana, Florida 34758***

NOW, THEREFORE,

A. if the principal shall not withdraw said bid within 60 (sixty) days after date of
opening of the same, and shall within ten (10) days after the prescribed forms are presented to
it for signature, enter into a written contract with the District in accordance with the bid as
accepted, and give bonds with good and sufficient surety or sureties, as may be required, for
the faithful performance and proper fulfillment of such contract, then the above obligations shall
be void and of no effect, otherwise to remain in full force and virtue.

B. in the event of the withdrawal of said bid within the period specified, or the failure
to enter into such contract and give such bonds within the time specified, if the principal shall
pay the District the difference between the amount specified in said bid and the amount for
which the District may procure the required work and supplies, if the latter amount be in excess
of the former, then the above obligations shall be void and of no effect, otherwise to remain in
full force and virtue.

IN WITNESS WHEREOF, the above bounded parties have executed this instrument under their several seals, this _____ day of _____, A.D. 20____, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

WITNESSES:

(If Sole Ownership or Partnership, two (2) Witnesses required; if Corporation, Secretary Only will attest and affix seal)

WITNESSES:

PRINCIPAL:

Name of Firm

Authorized Officer Signature (Affix Seal)

Authorized Officer Name

Title

Business Address

City State Zip Code

WITNESS:

SURETY:

Corporate Surety

Attorney-in-Fact (Affix Seal)

Business Address

City State Zip

Name of Local Insurance Agency

Phone: () _____

CERTIFICATES AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the Secretary of the Corporation named as Principal in the within bond; that _____, who signed the said bond on behalf of the principal, was then _____ of said corporation; that I know the signature, and that the signature hereto is genuine; and that said bond was duly signed, sealed, and attested for and in behalf of said corporation by authority of its governing body.

Secretary (Corporate Seal)

STATE OF _____
COUNTY OF _____

Before me this day personally appeared _____, who, being duly sworn, deposes and says that he/she is the Attorney-in-Fact for the _____ and that this person has been authorized by _____ to execute the forgoing bond on behalf of the Contractor named therein in favor of The School District of Osceola County, Florida.

Signature of Affiant

Sworn to / Affirmed and subscribed before me this _____ day of _____, 20____, by _____, who is personally known to me or who produced _____ as identification.

NOTARY PUBLIC – STATE OF _____
Type or print name: _____
Commission No.: _____

(Seal)

Commission Expires _____

(Attach Power of Attorney to original Bid Bond and Financial Statement of Surety Company)



END OF BID BOND

Poinciana High School

Brick Color

- Color A – Lt. Sandstone Velour by Endicott Clay Products, Fairbury, Nebraska. Supplied by Harwood Brick, Longwood Fl. Contact: Chris Bettinger (321) 302-4505
- Color B – Coppertone Velour by Endicott Clay Products, Fairbury, Nebraska. Supplied by Harwood Brick, Longwood Fl. Contact: Chris Bettinger (321) 302-4505

Brick Sizes at Columns

- 8" x 8" x 8", Specified per ASTM 652, grade SW, type HBS
- 4" x 8" x 8", Specified per ASTM 216, grade SW, type FBS

Thin Brick Sizes in Tilt-up Panels

- ½" x 7-5/8" x 7-5/8", Specified per ASTM 1088, Exterior Grade, type TBX
- ½" x 2-1/4" x 7-5/8", Specified per ASTM 1088, Exterior Grade, type TBX
- ½" x 2-1/4" x 3-5/8", Specified per ASTM 1088, Exterior Grade, type TBX

Tilt-up Liner

- Single use liner by Innovative Brick Systems, LLC, Brommfield, Colorado. Supplied by Harwood Brick, Longwood Fl. Contact: Chris Bettinger (321) 302-4505
 - Thermo Form High Impact Polystyrene recyclable material number 6 PS
 - 8" x 8" x 8" Brick in stack bond.
 - Modular Brick in running bond.
 - Modular Brick in rowlock

Brick type as denoted on exterior elevation sheets A601, A602, and A603:

- **Brick Type 1** – Color A, ½" x 7-5/8" x 7-5/8", Specified per ASTM 1088, Exterior Grade, type TBX
- **Brick Type 2** – Color A, ½" x 2-1/4" x 7-5/8", Specified per ASTM 1088, Exterior Grade, type TBX
- **Brick Type 3** – Color A, ½" x 2-1/4" x 3-5/8", Specified per ASTM 1088, Exterior Grade, type TBX

- **Brick Type 4** – Color B, ½" x 7-5/8" x 7-5/8", Specified per ASTM 1088, Exterior Grade, type TBX
- **Brick Type 5** – Color B, ½" x 2-1/4" x 7-5/8", Specified per ASTM 1088, Exterior Grade, type TBX
- **Brick Type 6** – Color B, ½" x 2-1/4" x 3-5/8", Specified per ASTM 1088, Exterior Grade, type TBX

- **Brick Type 7** – Color A, 8” x 8” x 8”, Specified per ASTM 652, grade SW, type HBS
- **Brick Type 8** – Color A, 4” x 8” x 8”, Specified per ASTM 216, grade SW, type FBS

- **Brick Type 9** – Color B, 8” x 8” x 8”, Specified per ASTM 652, grade SW, type HBS
- **Brick Type 10** – Color B, 4” x 8” x 8”, Specified per ASTM 216, grade SW, type FBS