

BIRDVILLE INDEPENDENT SCHOOL DISTRICT

**WILEY G. THOMAS, JR. COLISEUM
ADDITIONS and RENOVATIONS
Haltom City, Texas**

ADDENDUM NO. 02

[Eleven (11) pages – 8 ½ x 11 Sheet]

PROJECT: Wiley G. Thomas, Jr. Coliseum, Additions and Renovations
Plans and Specifications dated February 2, 2010
HKS Project No. 12329.000

DATE: February 15, 2010

TO: All Offerors

FROM: HKS Inc.
1919 McKinney Avenue
Dallas, Texas 75201
Phone: 214/969-5599



The Proposal Documents shall be amended and/or revised by Addendum hereinafter specified and all Work affected by this Addendum shall be included.

Except as may otherwise be described, labor and material for the Work hereinafter indicated shall conform to all requirements of the original Proposal Documents.

CLARIFICATIONS TO THE PROJECT MANUAL

ITEM NO. 01. Section 01110 – SUMMARY OF WORK

a. **Paragraph 3.1.B** - Items 1, and 2 shall be revised to read as follows:

1. *Owner's Abatement Contractor will be working on site from June 1, 2010 through June 9, 2010. From June 1 thru June 4 - Team Rooms and South Ticket Booth; from June 6 thru June 9 – Boiler Room; from June 7 thru June 9 – Restrooms and handrails. The General Contractor shall have full access to the building as of June 10, 2010.*
2. *From June 10, 2010 through November 10, 2010 (Substantial Completion), the Contractor will have full use of the premises for construction.*

b. **Paragraph 3.1.B** - Add new item no. 3 to read as follows:

3. *Existing Sport Floor to remain : "Contractor will be required to protect, repair, or replace existing floors to remain. This includes the wood floor in the main arena as well as the terrazzo floor in the Main Lobby. The Owner will video record the condition of these floors immediately before interior construction begins to document existing condition.*

For the wood sports floor in the arena, the Contractor will have three options in proceeding, as follows:

Option 1: *Protect the existing floor as described on Demolition Plans. No equipment or*

storage of materials will be allowed on the floor during construction. If the floor is damaged, it shall be repaired to existing condition at no additional expense to the Owner.

Option 2: The Contractor may, at his own risk, provide a construction surface to protect the floor, including a method to spread out any imposed loads so as not to damage the existing floor. A copy of the original drawings is being made available to proposers, which shows the supposed construction of the floor. Contractor may elect to hire an engineer to evaluate and design proposed means of protection. If the floor is damaged, it shall be repaired to existing condition at no additional expense to the Owner.

Option 3: The Contractor may, at his own risk, remove and replace the existing wood floor system, and replace it with a new wood flooring system as described in Section 09462 – “Wood Sports Flooring Assemblies”, which will be added by next addendum. The new wood floor system shall be lined and painted to match existing. The new floor shall be installed flush with the adjacent concrete slab, and trimmed with a metal threshold as specified to cover the floor transition gap.”

c. **Paragraph 3.1.B** - Add new item no. 4 to read as follows:

4. Owner salvage items: “The Owner is interested in salvaging certain items which exist on site. These items will be removed by the Owner before the Contractor begins interior construction. They are existing water heaters; the sound system rack and components; and all plumbing faucets and flush valves. All other items shown to be removed will be available for the Contractor to obtain salvage value, if desired.

d. **Paragraph 3.1.B** - Add new item no. 5 to read as follows:

5. Loading of Existing Structural Slab – The following note is an excerpt from the original Coliseum drawings that describes the manner in which the slab was supposed to have been, and should be built – “5” CONC. SLAB ON FILL AS SPEC’D. REINF. WITH #3 @ 12” O.C. EACH WAY”. With regard to determining acceptable imposed construction loading from equipment or other means – either uniform loads or concentrated loads – the Contractor shall determine precautions necessary to protect existing structure, and proceed at his own risk. The Structural Engineer is willing to consult and advise on specific loading questions as they come up, but will not issue recommendations or accept responsibility for the Contractor’s means and methods.

e. **Paragraph 3.1.B** - Add new item no. 6 to read as follows:

6. The location of Contractor’s trailers, lay-down areas, and use of site shall be carefully coordinated with Owner and Architect. Any parking areas used as such shall be restored or repaired to pre-existing condition. The Owner will video record this condition immediately prior to construction use. As an option to on-site trailers, the Contractor may set up offices inside the existing building after June 10 2010.

f. **Paragraph 3.1.B** - Add new item no. 7 to read as follows:

7. As part of the Contract Cost, the General Contractor shall be required to reimburse the Owner for all utility costs for the months of June 2010 through Substantial Completion.

ITEM NO. 02. SECTION 01210 – ALLOWANCES

- a. Add Paragraph 3.1.F, which shall read as follows:

F. ALLOWANCE NO. 6: Brick: This allowance shall be used for brick to be purchased and delivered to the jobsite F.O.B. The Owner and Architect will select brick to be furnished.

- 1) Brick Allowances:
a) Standard Modular Size Brick: \$600/M.
b) Mortar shall match existing mortar color.

ITEM NO. 03. **SECTION 12610 – FIXED AUDIENCE SEATING.** Replace 12610 in its entirety with modified 12610 version, attached. (Delete electrical and lighting requirements as described in modified version).

ITEM NO. 04. **SECTION 15783 – PACKAGED ROOF TOP (RTU) HEATING AND COOLING UNITS**

- a. Part 2.01 General, sub-paragraph E, item 14: Delete item in its entirety, and replace with the following; “Drain Pan: Double pan construction with inner and outer pans formed from continuous galvanized steel, glass fiber insulation between the inner and outer pans to prevent sweating, and a copper sweat drain connection to provide complete drainage of all condensate.”
b. Part 2.01 – General, sub-paragraph L: Delete this sub-paragraph in its entirety.

ITEM NO. 05. **SECTION 16510 – INTERIOR BUILDING LIGHTING**

- a. Part 2.01 BUILDING LIGHTING FIXTURES, sub-paragraph F, item 2a: Delete item in its entirety, and replace with the following; “Lamp color temperature to be 4100 kelvin “cool white”.

CLARIFICATIONS TO THE DRAWINGS

CIVIL DRAWINGS

ITEM NO. 06. Sheet C1.05 – Utility Layout

- a. Existing 1” water lines shown to run beneath foot

ARCHITECTURAL DRAWINGS

ITEM NO. 07. SHEET AD.03/01 – DEMOLITION PLAN ROOF

- a. Above Room 102 – Storage – Delete roof access ladder, and all associated work, including roof hatch, and associated roof demolition work.

ITEM NO. 08. SHEET A2.01/01 – FLOOR PLAN – FIRST FLOOR – LOWER LEVEL

- a. Room 102 – Storage – Delete roof access ladder, and all associated work, including roof hatch, and associated roof demolition work.

ITEM NO. 09. SHEET A2.03/01 – HIGH ROOF PLAN

- a. Above Room 102 – Storage – Delete roof access ladder, and all associated work, including roof hatch, and associated roof demolition work.

ELECTRICAL DRAWINGS

ITEM NO. 10. **SHEET ED2.01 – ELECTRICAL DEMO PLAN – FIRST FLOOR, LOWER LEVEL**

- a. Replace note by symbol number 8 with the following; “EXISTING LIGHT FIXTURE TO REMAIN. THOROUGHLY CLEAN AND RE-LAMP FIXTURE”

- b. Replace note by symbol number 9 with the following; "CAREFULLY DISCONNECT, REMOVE AND STORE EXISTING SCOREBOARD. THOROUGHLY CLEAN FOR RE-USE. PREPARE AND EXTEND CONDUCTORS TO NEW SCOREBOARD LOCATION AS REQUIRED, COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO INSTALLATION"
- c. Office 107: Replace note by symbol #1 with note by symbol #8.
- d. Sto./Workroom 108: Replace note by symbol #1 with note by symbol #8.
- e. Office 109: Replace note by symbol #1 with note by symbol #8.

ITEM NO. 11. **SHEET ED2.02 – ELECTRICAL DEMO PLAN – FIRST FLOOR, UPPER LEVEL**

- a. Replace note by symbol number 8 with the following; "EXISTING LIGHT FIXTURE TO REMAIN. THOROUGHLY CLEAN AND RE-LAMP FIXTURE"
- b. Replace note by symbol number 9 with the following; "CAREFULLY DISCONNECT, REMOVE AND STORE EXISTING SCOREBOARD. THOROUGHLY CLEAN FOR RE-USE. PREPARE AND EXTEND CONDUCTORS TO NEW SCOREBOARD LOCATION AS REQUIRED, COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO INSTALLATION"

ITEM NO. 12. **SHEET ED2.03 – ELECTRICAL DEMO PLAN – PHYSICAL PLANT**

- a. Replace note by symbol number 8 with the following; "EXISTING LIGHT FIXTURE TO REMAIN. THOROUGHLY CLEAN AND RE-LAMP FIXTURE"
- b. Replace note by symbol number 9 with the following; "CAREFULLY DISCONNECT, REMOVE AND STORE EXISTING SCOREBOARD. THOROUGHLY CLEAN FOR RE-USE. PREPARE AND EXTEND CONDUCTORS TO NEW SCOREBOARD LOCATION AS REQUIRED, COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO INSTALLATION"

ITEM NO. 13. **SHEET ED2.04 – ELECTRICAL DEMO PLAN – HISTORICAL SOCIETY**

- a. Replace note by symbol number 8 with the following; "EXISTING LIGHT FIXTURE TO REMAIN. THOROUGHLY CLEAN AND RE-LAMP FIXTURE"
- b. Replace note by symbol number 9 with the following; "CAREFULLY DISCONNECT, REMOVE AND STORE EXISTING SCOREBOARD. THOROUGHLY CLEAN FOR RE-USE. PREPARE AND EXTEND CONDUCTORS TO NEW SCOREBOARD LOCATION, COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO INSTALLATION"

ITEM NO. 14. **SHEET E2.04 – LIGHTING PLAN – HISTORICAL SOCIETY**

- a. Historical Society Room: Light fixtures are to be circuited on spare 277 volt 20 amp circuit in existing high voltage lighting panel.

ITEM NO. 15. **SHEET E6.01 – LIGHTING NOTES, SYMBOLS AND SCHEDULES**

- a. LIGHT FIXTURE SCHEDULE: Delete the following remark from fixtures A1E, A2E, ME, M1E, AND M2E: "1400 LUMEN BATT. PACK"
- b. LIGHT FIXTURE SCHEDULE: Add the following remark to fixtures A1E, A2E, ME, M1E, AND M2E: "PROVIDE BODINE GTB GENERATOR TRANSFER DEVICE"
- c. Type A and AE fixture detail: delete requirement for factory installed battery pack.

ITEM NO. 16. **SHEET E6.03 – POWER NOTES, SYMBOLS AND SCHEDULES**

- a. Replace note by symbol number 14 with the following; "EXISTING POWER AND DATA CONDUCTORS TO BE EXTENDED TO NEW LOCATION OF EXISTING SCOREBOARD, AS

REQUIRED. VERIFY EXACT HEIGHT AND LOCATION WITH ARCHITECT, VERIFY VOLTAGE, PHASE AND BREAKER REQUIREMENTS WITH SCOREBOARD MANUFACTURER PRIOR TO INSTALLATION”

ITEM NO. 17. **SHEET E7.01 – ELECTRICAL RISER DIAGRAMS**

- a. Electrical Riser Detail D2: Provide (2) 3 pole 400 amp fused disconnects with (4) 350 MCM THWN in (1) 3” Conduits on secondary side of transformer T-6 to feed dimmer racks in Building Services 113.

ADDITIONAL DOCUMENTS

ITEM NO. 18. **Modified Project Manual SECTION 12610 – FIXED AUDIENCE SEATING.**

ADDITIONAL CLARIFICATIONS

ITEM NO. 19. *(Repeated from Addendum No. 01).* Contact Robert Napper at HKS Architects (rnapper@hksinc.com) to receive an internet link to existing original drawings and a series of recent photographs for the Thomas Coliseum. This is provided for the Contractor’s information only. Neither the Owner nor the Architect warrant or certify of the accuracy of this information, and the Contractor may use it at their own risk.

ITEM NO. 20. *(Repeated from Addendum No. 01).* The last day and time for questions will be **Thursday, February 18, 2010, 5:30pm**

END OF ADDENDUM

BIRDVILLE INDEPENDENT SCHOOL DISTRICT
WILEY G. THOMAS, JR. COLISEUM ADDITIONS AND RENOVATIONS
HALTOM CITY, TEXAS

SECTION 12610

FIXED AUDIENCE SEATING

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes fixed audience seating with the following:

1. Standard mounting.
2. Molded-plastic chairs.
3. Self-rising seat mechanism.
4. ~~Power service to individual seats.~~

~~B. Related Sections: Division 16 Sections for electrical service and connections to seating junction box locations for aisle lighting fixtures and power receptacles.~~

1.2 SUBMITTALS

A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for fixed audience seating. ~~Include electrical characteristics.~~

B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.

1. Seating Layout: Show seating layout, aisle widths, row-lettering and chair-numbering scheme, chair widths, and chair spacing in each row.
2. Accessories: Show accessories, including locations of arms, ~~electrical devices~~, accessibility provisions, and attachments to other work.
3. ~~Wiring Diagrams: For power, signal, and control wiring.~~

C. Samples for Initial Selection: For each type of exposed finish, color, texture, and pattern indicated.

D. Samples for Verification: For each type of exposed finish required, prepared on Samples of size indicated below:

1. Molded Plastic: Manufacturer's standard-size unit, not less than 3 inches square.
2. ~~Plastic Laminate: Manufacturer's standard-size unit, not less than 3 inches square.~~
3. Baked-on Coating Finishes: Manufacturer's standard-size unit, not less than 3 inches square.
4. Row-Letter and Chair-Number Plates: Full-size units with letters and numbers marked.
5. ~~Aisle Lighting: Full-size unit.~~
6. ~~Power Service Devices: Full-size units.~~
7. Exposed Fasteners: Full-size units of each type.

E. Field quality-control reports.

F. Maintenance Data: For fixed audience seating to include in maintenance manuals. Include the following:

- ~~1. Methods for maintaining upholstery fabric.~~
2. Precautions for cleaning materials and methods that could be detrimental to seating finishes and performance.

G. Warranty: Sample of special warranty.

1.3 QUALITY ASSURANCE

A. Source Limitations: Obtain each type of seating required, including accessories and mounting components, from single source from single manufacturer.

~~B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.~~

C. Pre-Installation Conference: Conduct conference at Project site.

1.4 PROJECT CONDITIONS

A. Environmental Limitations: Do not deliver or install seating until spaces are enclosed and weathertight, wet work in spaces is complete and dry, work above ceilings is complete, and temporary or permanent HVAC system is operating and maintaining ambient temperature and humidity conditions at occupancy levels during the remainder of the construction period.

B. Field Measurements: Verify actual dimensions of seating layout and construction contiguous with seating by field measurements before fabrication.

~~1.5 COORDINATION~~

~~A. Coordinate layout and installation of electrical wiring and devices with seating layout to ensure that floor junction boxes for electrical devices are accurately located to allow connection without exposed conduit.~~

- ~~1. Coordinate wiring and power receptacles installed in seating with requirements in Division 26 Sections.~~

1.6 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of fixed audience seating that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:
 - a. Structural failures including standards, beams, and pedestals.
 - b. Faulty operation of self-rising seat mechanism.
 - ~~c. Faulty operation of electrical components.~~
 - d. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.

2. Warranty Periods: As follows, from date of Substantial Completion.
 - a. Structural: 10 years.
 - b. Operating Mechanisms: Two years.
 - c. Plastic and Paint Components: Two years.

1.7 EXTRA MATERIALS

- A. Furnish extra materials from the same production run that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 1. Chair Seats and Backs: Furnish a quantity of full-size units equal to 2 percent of amount installed for each type and size of chair seat and back.
 2. Armrests: Furnish a quantity of full-size units equal to 2 percent of amount installed for each type of armrest.
 3. ~~Power Receptacles: Furnish a quantity of full-size units equal to 2 percent of amount installed.~~

PART 2 - PRODUCTS

2.1 PRODUCT STANDARD

- A. The Contract Documents are based on the following product to establish a standard of quality. Other acceptable manufacturers with products having equivalent characteristics may be considered provided deviations are minor and do not change the intended aesthetic, functional, and performance requirements as judged by the Architect.
 1. Manufacturer: Hussey Seating Co.
 2. Product: ~~Medallion Chair System~~ Fusion Chair System.
 3. Colors: As selected by Architect.
- B. Other Acceptable Manufacturers: Subject to compliance with requirements, similar products from one of the following acceptable manufacturers may be used:
 1. Interkal
 2. Kodiak Seating Systems
- C. For consideration of manufacturers other than the above named product standard and other acceptable manufacturers, submit as a substitution according to the Conditions of the Contract and Division 01 Specification Sections.

2.2 MATERIALS AND FINISHES

- A. Steel: ASTM A 36 plates, shapes, and bars; ASTM A 513 mechanical tubing; ASTM A 1008 cold-rolled sheet; and ASTM A 1011 hot-rolled sheet and strip.
- B. Metal Finish: Finish exposed metal parts with manufacturer's standard powder coating finish.
 1. Color: As selected by Architect from manufacturer's full range.
- C. ~~Concealed Plywood: HPVA HP-1 hardwood plywood or DOC PS-1 softwood plywood, as standard with manufacturer.~~

~~D. Plastic Laminate: NEMA LD 3, Grade VGS for vertical surfaces and Grade HGS for horizontal surfaces.~~

~~1. Color and Pattern: As selected by Architect from manufacturer's full range.~~

E. Molded Plastic: High-density polyethylene or polypropylene, blow or injection molded, with smooth or textured surface that is mar and dent resistant.

1. Provide with UV inhibitors to retard fading where exposed to sunlight.
2. Color and Texture: As selected by Architect from manufacturer's full range.

2.3 FIXED AUDIENCE SEATING

A. Fixed Audience Seating: Interior assembly-space seating in permanent arrangement as shown on Drawings.

B. Chair Mounting Pedestal: Floor-attached pedestal for accessible seating units; riser mounting for the balance of seating units, manufacturer's standard.

~~C. End Panels: Molded plastic.~~

D. Plastic Chairs: Two-piece molded plastic and as follows:

1. Back: Smooth surface with rounded top corners.
2. Seat: Smooth surface.

E. Chair Width: Single width chair in each row of 20 inches from center to center of armrests.

F. Back Height: Standard-style backs, nominal 34 inches high.

G. Back Pitch: 20 degree fixed.

H. Chair Seat Hinges: Self-lubricating, compensating type with noiseless self-rising seat mechanism passing ASTM F 851 and with positive internal stops cushioned with rubber or neoprene.

I. Self-Rising Seat Mechanism: Gravity-actuated, full fold.

J. Armrests: Plastic with rounded edges, concealed mounting.

~~K. Aisle Lighting Fixtures: Manufacturer's standard fixtures.~~

~~1. Bulb: Incandescent.~~

~~2. Power: 24 V.~~

~~3. For low voltage lighting, provide manufacturer's voltage reduction device housed in safety enclosure equipped with fuses, terminal blocks, and safety disconnect.~~

~~L. Power Service Package: Manufacturer's standard service to individual seats including terminal devices and wiring with 18 inches of extra length and as follows.~~

~~1. Power Receptacles: 120 V with wiring and receptacle as specified in Division 16.~~

~~2. Location: Manufacturer's standard location.~~

M. Row-Letter and Chair-Number Plates: Manufacturer's standard.

1. Material: Lexan film plate with black embossed characters.
2. Attachment: Manufacturer's standard Adhesive method.

N. Accessible Seating:

1. Provide pedestal mounted removable chairs where wheelchair spaces are indicated.
2. Provide chairs with retractable arm on aisle side in locations indicated. Identify these seats with a sign or marker.

2.4 FABRICATION

- A. Floor Attachments: Fabricate to conform to floor slope, if any, so that standards and pedestals are plumb and chairs are maintained at same angular relationship to vertical throughout Project.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine floors, risers, and other adjacent work and conditions, with Installer present, for compliance with requirements and other conditions affecting performance of the Work.
- ~~B. Examine locations of electrical connections.~~
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install seating in locations indicated and fastened securely to substrates according to manufacturer's written installation instructions.
 1. Use installation methods and fasteners that produce fixed audience seating assemblies with individual chairs capable of supporting an evenly distributed 600-lb static load without failure or other conditions that might impair the chair's usefulness.
 2. Install standards and pedestals plumb.
- B. Install seating with chair end standards aligned from first to last row and with backs and seats varied in spacing to optimize sightlines.
- C. Install seating so moving components operate smoothly and quietly.
- ~~D. Install wiring conductors and cables concealed in components of seating and accessible for servicing.~~

3.3 FIELD QUALITY CONTROL

- A. Perform tests and inspections.
 1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.
 - ~~2. Tests for Power Receptacles: As specified in Division 16 Sections.~~
- B. Prepare test and inspection reports.

3.4 ADJUSTING

- A. Adjust chair backs so that they are aligned with each other in straight rows. Adjust self-rising seat mechanisms so seats in each row are aligned when in upright position.
- B. Verify that all components and devices are operating properly. Verify that seating returns to correct at-rest position.
- C. Repair minor abrasions and imperfections in finishes with coating that matches factory-applied finish. ~~Replace upholstery fabric damaged during installation.~~

END OF SECTION