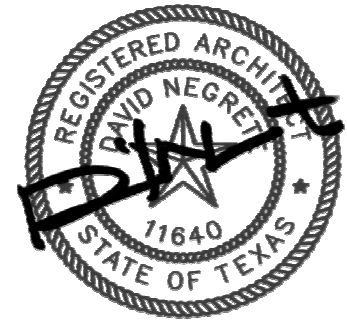


ADDENDUM NUMBER 01

DATE: 12 February 2010
PROJECT: LRGVDC Rio Transit Center Renovation & Expansion
PROJECT NUMBER: 2908
OWNER: Lower Rio Grande Valley Development Council (LRGVDC)
ARCHITECT: Negrete & Kolar Architects
TO: Prospective Proposers



02/12/10

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated January 2010 with amendments and additions noted below.

Acknowledge receipt of this Addendum in the space provided in the Proposal Form. Failure to do so may disqualify the Proposer.

This Addendum consists of two pages and the enclosed attachments (total of ten pages):

<u>Attachment</u>	<u>Title</u>
1	Section 02831 Chain Link Fences and Gates, three pages
2	Section 05312 Steel Roof Deck, three pages
3	Section 09650 Resilient Flooring, two pages

CHANGES TO THE PROJECT MANUAL

Table of Contents, Division 5 - Metals:

- **Change** specification number, '05310 Steel Deck' to '05312 Steel Roof Deck'.

Table of Contents, Division 9 - Finishes:

- **Add** specification, '09650 Resilient Flooring'.

Document 00020, Request for Competitive Sealed Proposals:

- **Change** bid date to Tuesday 23 February 2010. Time and place remain the same.

Document 00105, Instructions to Proposers, Section 2.1 Proposal Submission, Subsection A:

- **Change** bid date to Tuesday 23 February 2010. Time and place remain the same.

Document 02831 Chain Link Fences and Gates:

- **Add** specification, enclosed as attachment 1. Existing perimeter fence is to be salvaged and re-used as applicable. New fencing to match existing.

Document 04815 Masonry System:

Part 1 General, Subsection 1.1 Section Includes:

- **Add** 'E. Modular size face brick units at double-wythe free standing screen wall at air conditioning unit'.

Part 2 Products:

- **Add** '2.7 Brick Unit Manufacturers – Interstate Brick, Acme, Hanson, or substitutions under provisions of Section 01600'.
- **Add** '2.8 Brick Unit Materials – Face brick to match existing (varied color tones); modular size of 2-5/8 x 3-5/8 x 7-5/8 inches'.

Document 05312 Steel Roof Deck:

- **Add** specification, enclosed as attachment 2.

Document 09650 Resilient Flooring:

- **Add** specification, enclosed as attachment 3.

Document 12493 Louver Blinds, Subsection 3.6 Schedule:

- **Add** 'B. Provide vertical blinds at existing main entry lobby storefront'.

CHANGES TO THE DRAWINGS**Sheet G.000 Cover Page:**

- **Add** date, '01/29/10' adjacent to architect's seal.

Sheet AS.100 Site Master Plan:

- **Add** concrete wheel-stops at east parking; qty 5. Refer Section 03450 Pre-Cast Concrete.

Sheet A.100 Annotated Plan, Room Finish Schedule – New Construction, Room 200 Break Room:

- **Change** notation, 'PC floor finish and NRB base finish' to read 'existing floor and base to remain'.

Sheet A.102 Annotated Floor Plan – Bus Wash, Detail 1 Plan – Top of Slab:

- **Add** notation, 'Re: 07190 Water Repellents' at all notes describing application of penetrating sealer to all masonry surfaces of bus wash enclosure.

Sheet A.105 Enlarged Plans, Detail 1 Brick Wall at Exterior Condensor:

- **Change** notation, '04813.A' to read, '04815 – Modular size face brick'.

Sheet A.105 Enlarged Plans, Detail 2 Enlarged Plan – Break Room:

- **Clarify** vertical blinds at all storefront (east and west) in Room 200.
- **Change** notation, '12210 Vertical Louvers' to read, '12493 Vertical Blinds'.

Sheet A.110 Floor Finish Plan:

- **Change** floor finish notation at Garage 130 and Tool Repair 131 to read 'existing (concrete) floor finish to remain'.
- **Change** floor finish notation at Break Room 200 to read 'existing (vct) floor finish (and base) to remain'.

END OF ADDENDUM NUMBER 01

SECTION 02831
CHAIN LINK FENCES AND GATES

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes: Relocation of existing fence and additional fence framework, fabric, and accessories; excavation for post bases; concrete foundation for posts, center drop for gates; manual gates and related hardware.
- B. Related Sections:
 - 1. Section 01100 – Summary;
 - 2. Section 03300 – Cast-In-Place Concrete: Concrete anchorage for posts.

1.2 REFERENCES

- A. ASTM A121 - Zinc-Coated (Galvanized) Steel Barbed Wire.
- B. ASTM A123 - Zinc (Hot Dip Galvanized) Coatings on Iron and Steel Products.
- C. ASTM A153 - Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
- D. ASTM A392 - Zinc-Coated Steel Chain-Link Fence Fabric.
- E. ASTM A428 - Test Method for Weight of Coating on Aluminum-Coated Iron or Steel Articles.
- F. ASTM A569 - Steel, Carbon (0.15 Maximum Percent), Hot-Rolled Sheet and Strip Commercial Quality.
- G. ASTM A653 - Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
- H. ASTM A824 - Metallic Coated Steel Marcellled Tension Wire for Use with Chain Link Fence.
- I. ASTM C94 - Ready-mixed Concrete.
- J. ASTM F900 - Industrial and Commercial Swing Gates.
- K. ASTM F1043 - Strength and Protective Coatings on Metal Industrial Chain Link Fence Framework.
- L. ASTM F1083 - Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures.
- M. CLFMI (Chain Link Fence Manufacturers Institute) - Product Manual.

1.3 SYSTEM DESCRIPTION

- A. Fence Height: Seven foot plus upper level of barbed wire to match existing.
- B. Line Post Spacing: At intervals not exceeding 10 feet. Fence Post and Rail

Strength: Conform to ASTM F1043 Heavy Industrial Fence quality.

1.4 SUBMITTALS

- A. Section 01330 - Submittal Procedures: Submittal procedures.
- B. Shop Drawings: Indicate plan layout, spacing of components, post foundation dimensions, hardware anchorage, gates, and schedule of components.
- C. Product Data: Submit data on fabric, posts, accessories, fittings and hardware.

1.5 CLOSEOUT SUBMITTALS

- A. Section 01700 - Execution Requirements: Closeout procedures.

1.6 QUALITY ASSURANCE

- A. Supply material in accordance with CLFMI - Product Manual.
- B. Perform installation in accordance with ASTM F567.

1.7 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing Products specified in this section with minimum three years documented experience.

1.8 DELIVERY, STORAGE AND HANDLING

- A. Section 01600 - Product Requirements: Product storage and handling requirements.
- B. Deliver fence fabric and accessories in packed cartons or firmly tied rolls.

PART 2 PRODUCTS

2.1 MANUFACTURERS:

- A. Manufacturers:
 - 1. Anchor Fence Inc.
 - 2. Cyclone Inc.
 - 3. Substitutions: Section 01600 - Product Requirements.

2.2 MATERIALS AND COMPONENTS:

- A. Conform to CLFMI Product Manual.
- B. Fabric Size: CLFMI Heavy Industrial service.
- C. Intermediate Posts: Type IA round.
- D. Terminal, Corner, Rail, Brace, and Gate Posts: Type IA.
- E. Fabric Wire (Steel): ASTM A392 zinc coated wire fabric.
- F. Barbed Wire: ASTM A121 galvanized steel strands with galvanized steel barbs; 12 gage thick wire, 3 strands, 4 points at 3 inch oc.

- G. Concrete: ASTM C94; Normal Portland Cement, 2,500 psi strength at 28 days, 3 inch slump; 3/4 inch nominal sized coarse aggregate.

2.3 COMPONENTS

- A. Line Posts: 2.38 inch diameter.
 B. Corner and Terminal Posts: 2.88 inch.
 C. Gate Posts: 4.5 inch diameter.
 D. Top and Brace Rail: 1.66 inch diameter, plain end, sleeve coupled.
 E. Gate Frame: 1.66 diameter for welded fabrication. Fabric: 2 inch diamond mesh interwoven wire, 6 gage thick, top salvage knuckle end closed, bottom selvage knuckle end closed.
 F. Tension Wire: 6 gage thick steel, single strand.
 G. Tension Band: 1/4" x 3/4" inch thick steel.
 H. Tension Strap: 1/8" x 1" inch thick steel.
 I. Tie Wire: Aluminum alloy steel wire.

2.4 ACCESSORIES

- A. Caps: Malleable iron galvanized; sized to post diameter, set screw retainer.
 B. Fittings: Sleeves, bands, clips, rail ends, tension bars, fasteners and fittings; galvanized steel.
 C. 3 strands of barbed wire.
 D. Gate Hardware: Fork latch with gravity drop and Center gate stop and drop rod; two 180 degree gate hinges for each leaf and hardware for padlock.

2.5 GATES

- A. General
 1. Gate Types, Opening Widths and Directions of Operation: As indicated on Drawings.
 2. Factory assemble gates.
 3. Design gates for operation by one person.
 B. Swing Gates
 1. Fabricate gates to permit 180 degree swing.
 2. Gates Construction: ASTM F900 with welded corners. Use of corner fittings is not permitted.

2.6 FINISHES

- A. Components and Fabric: Galvanized to ASTM A123; ASTM A153 for components; ASTM A392 for fabric; 2.0 oz/sq coating.
 B. Hardware: Galvanized to ASTM A153, 2.0 oz/sq ft coating.
 C. Accessories: Same finish as framing.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Relocate Fencing as indicated in Contract Drawings
 B. Install framework, fabric, accessories and gates in accordance with ASTM F567.
 C. Place fabric on outside of posts and rails.
 D. Set intermediate, terminal, gate, and posts plumb, in concrete footings with top of footing 2" above finish grade. Slope top of concrete for water runoff.
 E. Line Post Footing Depth Below Finish Grade: ASTM F567.
 F. Corner, Gate and Terminal Post Footing Depth Below Finish Grade: ASTM F567.
 G. Brace each gate and corner post to adjacent line post with horizontal center brace rail and diagonal truss rods. Install brace rail one bay from end and gate posts.
 H. Install top rail through line post tops and splice with 6 inch long rail sleeves.
 I. Install center and bottom brace rail on corner gate leaves.
 J. Do not stretch fabric until concrete foundation has cured 28 days.
 K. Stretch fabric between terminal posts or at intervals of 100 feet maximum, whichever is less.
 L. Position bottom of fabric 2 inches above finished grade.
 M. Fasten fabric to top rail, line posts, braces, and bottom tension wire with tie wire at maximum 15 inches on centers.
 N. Attach fabric to end, corner, and gate posts with tension bars and tension bar clips.
 O. Install bottom tension wire stretched taut between terminal posts.
 P. Install support arms sloped outward and attach barbed wire; tension and secure.
 Q. Support gates from gate posts. Do not attach hinged side of gate from building wall.
 R. Install gate with fabric and barbed wire overhang to match fence. Install three hinges on each gate leaf, latch, catches, drop bolt.
 S. Provide concrete center drop to footing depth and drop rod retainers at center of double gate openings.
 T. Install fence with posts vertical and components to line and grade shown on Drawings.

- U. Install posts with 6 in maximum clear opening from end posts to buildings, fences and other structures.
- V. Excavate holes for posts to diameter and spacing indicated on Drawings without disturbing underlying materials.
- W. Center and align posts. Place concrete around posts, and vibrate or tamp for consolidation. Verify vertical and top alignment of posts and make necessary corrections.
- X. Extend concrete footings 1 in above grade, and trowel, forming crown to shed water.
- Y. Allow footings to cure minimum 7 days before installing fabric and other materials attached to posts.

3.2 ERECTION TOLERANCES

- A. Section 01400 - Quality Requirements: Tolerances.
- B. Maximum Variation From Plumb: 1/4 inch.
- C. Maximum Offset From Indicated Position: 1 inch.
- D. Minimum distance from property line: 6 inches.

3.3 SCHEDULES

- A. Property Perimeter Extension as indicated: 8 feet total height plus or minus, galvanized fabric and posts, triple strand barbed wire top, in line with fence.

END OF SECTION 02821

**Section 05312
Steel Roof Deck**

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Steel roof deck and accessories.
 - 2. Bearing plates and angles.
- B. Related Sections:
 - 1. Section 03300 - Cast-in-Place Concrete: Concrete topping over metal roof deck.
 - 2. Section 05120 - Structural Steel: Support framing for deck openings.
 - 3. Section 05210 - Steel Joists: Support framing for deck openings.

1.2 REFERENCES

- A. American Society of Civil Engineers:
 - 1. ASCE 3 - Standard Practice for the Construction and Inspection of Composite Slabs.
- B. ASTM International:
 - 1. ASTM A36/A36M - Standard Specification for Carbon Structural Steel.
 - 2. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated

- 3. (Galvannealed) by the Hot-Dip Process. ASTM A924/A924M - Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process.
- 4. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability.

- C. American Welding Society:
 - 1. AWS D1.1 - Structural Welding Code - Steel.
- D. Steel Deck Institute:
 - 1. SDI 29 - Design Manual for Composite Decks, Form Decks and Roof Decks.
- E. SSPC: The Society for Protective Coatings:
 - 1. SSPC Paint 15 - Steel Joist Shop Paint.

1.3 PERFORMANCE REQUIREMENTS

- A. Design metal deck in accordance with SDI 29 Design Manual and ASCE 3.
- B. Calculate to structural working stress design and maximum vertical deck deflection of 1/240.

**Section 05312
Steel Roof Deck**

1.4 SUBMITTALS

- A. Section 01330 - Submittal Procedures: Submittal requirements.
- B. Shop Drawings: Indicate deck plan, support locations, Projections, openings and reinforcement, pertinent details, and accessories.
- C. Product Data: Submit deck profile characteristics and dimensions, structural properties, and finishes
- D. Manufacturer's Installation Instructions: Submit manufacturer's installation instructions.

1.5 QUALITY ASSURANCE

- A. Perform Work in accordance with ASCE 3 for composite decks.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Section 01600 - Product Requirements: Product storage and handling requirements.
- B. Cut plastic wrap to encourage ventilation.
- C. Separate sheets and store deck on dry wood sleepers; slope for positive drainage.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Sheet Steel: ASTM A653, Grade 33 Structural Quality; with G115 galvanized

coating conforming to ASTM A525.

- B. Welding Materials: AWS D1.1.

2.2 FABRICATION

- A. Metal Deck: Sheet steel, configured as follows:
 - 1. Span Design: multiple
 - 2. Minimum Metal Thickness Excluding Finish: 22 gage.
 - 3. Minimum Allowable Diaphragm Shear: 250 plf.
 - 4. Nominal Height: 1-1/2 inch
 - 5. Side Joints: lapped

PART 3 EXECUTION

3.1 EXAMINATION

- A. Section 01300 - Administrative Requirements: Coordination and project conditions.

3.2 INSTALLATION

- A. Erect metal deck in accordance with SDI Manual.
- B. Bear deck on masonry or concrete support surfaces with 4 inch minimum bearing. Align and level.
- C. Bear deck on steel supports with 1-1/2 inch minimum bearing. Align and level.
- D. Reinforce steel deck openings from 6 to 18 inches in size with 2 x 2 x 1/4 inch steel angles. Place framing angles perpendicular to flutes; extend minimum two

**Section 05312
Steel Roof Deck**

flutes beyond each side of opening and mechanically attach to deck at each flute.

- E. Install wet concrete stops at roof edge upturned to top surface of slab to contain wet concrete. Install stops of sufficient strength to remain stationary under wet concrete without distortion.
- F. Install sheet steel closures and angle flashings to close openings between deck and walls, columns, and openings.
- G. Position roof sump pans with flange bearing on top surface of deck. Fusion weld at each deck flute.
- H. Place metal cant strips in position and mechanically attach.
- I. Immediately after welding deck and other metal components in position, coat welds, burned areas, and damaged surface coating, with touch-up prime paint.

3.3 FIELD QUALITY CONTROL

- A. Welding: Inspect welds in accordance with AWS D1.1.

END OF SECTION

**SECTION 09650
RESILIENT FLOORING**

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Resilient base.
- B. Resilient reducer strips- vinyl to concrete / tile.

1.2 RELATED SECTIONS

- A. Section 03300 - Cast-in-Place Concrete: Concrete floor to receive flooring.
- B. Section 09260 - Gypsum Board System

1.3 REFERENCES

- A. ASTM E84 - Surface Burning Characteristics of Building Materials.
- B. ASTM F1066 - Standard Specification for Vinyl Composition Floor Tile.
- C. FS L-F-475 - Floor Covering Vinyl, Surface Tile with Backing.
- D. FS RR-T-650 - Treads, Metallic and Nonmetallic, Skid Resistant.

1.4 REGULATORY REQUIREMENTS

- A. Conform to 1997 Southern Building Code for flame/fuel/smoke rating requirements in accordance with ASTM E84.

1.5 SUBMITTALS

- A. Submit shop drawings and Product Data under provisions of Section 01330.
- B. Provide product data on specified products, describing physical and performance characteristics; including sizes, patterns and colors available.
- C. Submit two sample selector boxes, illustrating manufacturer's full line of colors and patterns.
- D. Submit two sample selectors of base material and edge strips specified.
- E. Submit manufacturer's installation instructions under provisions of Section 01330.

1.6 OPERATION AND MAINTENANCE DATA

- A. Submit maintenance procedures and recommended maintenance materials for each product.

1.7 DELIVERY, STORAGE, AND PROTECTION

- A. Section 01600 -Product Requirements: Transport, handle, store, and protect products.

1.8 ENVIRONMENTAL REQUIREMENTS

- A. Maintain temperature in storage area between 55 degrees F and 90 degrees F.
- B. Store materials for not less than 48 hours prior to installation in area of installation at a temperature of 70 degrees F to achieve temperature stability. Thereafter, maintain conditions above 55 deg. F.

PART 2 PRODUCTS

2.1 MANUFACTURERS - BASE MATERIALS

- A. Johnsonite
- B. Burke
- C. Substitutions: Under provisions of Section 01600.

2.2 MATERIALS - BASE

- A. Rubber Base Material – roll stock to meet the following criteria:
 - 1. Type: 1, Rubber.
 - 2. Height: 4 in.
 - 3. Gauge: 1/8 in.
 - 4. Top profile: coved.
 - 5. Color: Color to be selected by Architect from full range.
- B. Base Accessories: to be same material size and color of base.
 - 1. Premolded end stops
 - 2. Premolded external corners.

2.3 ACCESSORIES

- A. Primers and Adhesives: Waterproof; types recommended by flooring manufacturer.
- B. Rubber Flooring Reducer at concrete: Johnsonite RRS-XX-D.
- C. Sealer and Wax: Types recommended by flooring manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that surfaces are smooth and flat with a maximum variation of 1/8 inch in 10 ft. and are ready to receive work.
- B. Verify concrete floors are dry to maximum moisture content of 7 percent and exhibit negative alkalinity, carbonization and dusting.
- C. Verify that surfaces are free of substances that may impair adhesion of new adhesive and finish materials.

3.2 PREPARATION

- A. Remove ridges and bumps. Fill minor spots, cracks, joints, holes, and other defects with filler to achieve smooth, flat, hard surface.
- B. Prohibit traffic until filler is cured.
- C. Vacuum clean substrate.
- D. Apply primer as recommended by manufacturer.

3.3 INSTALLATION - TILE FLOORING

- A. Install in accordance with manufacturer's instructions.
- B. Spread only enough adhesive to permit installation of materials before initial set.
- C. Install edge strips at unprotected or exposed edges and where flooring terminates.
- D. Install edge moldings and reducers at transitions from VCT flooring and concrete.

3.4 INSTALLATION - BASE

- A. Fit joints tightly and make vertical.
- B. Miter internal corners. At external corners, use premolded units. At exposed ends, use premolded units.
- C. Install base on solid backing. Bond tightly to wall and floor surfaces.
- D. Scribe and fit to doorframes and other interruptions.

3.5 PROTECTION

- A. Protect finished work under provisions of Section 01700.

3.6 CLEANING

- A. Remove excess adhesive from floor, base, and wall surfaces without damage.
- B. Clean, seal, and wax resilient flooring products in accordance with manufacturer's instructions.

3.7 SCHEDULE

- A. Refer to Contract Drawings and to Room Finish Schedule for locations of specified materials.

END OF SECTION 09650