ADDENDUM NO. 1

PROJECT NAME: **12th Street Mall Extension**
UNL PROJECT NUMBER: **C904P158**
BID INVITATION NUMBER: **2159-13-7200**

CONSULTANT: The Clark Enersen Partners
ADDRESS: 1010 Lincoln Mall, Suite 200, Lincoln, NE 68508

DATE OF ISSUANCE: May 20, 2013
DATE OF BID OPENING: May 23, 2013

The bid documents dated May 1, 2013 and May 3, 2013 for the above referenced project are amended by this addendum.

NOTICE: This Addendum is issued to all interested prospective bidders as an amendment to the project manual or other parts of the bidding (contract) documents for the above named project. Reference to this Addendum must be included in the Bid proposal. The information contained herein shall be fully incorporated into the contract documents as though originally included therein.

QUESTIONS AND MODIFICATIONS

PRE-BID QUESTIONS:

1. QUESTION: Will the trees be removed by the Owner and stumps by the Contractor?
   RESPONSE: The entire tree and stump shall be removed and disposed of by the contractor.

2. QUESTION: Are there any parking stall signs to be reinstalled by the Contractor?
   RESPONSE: The Owner will reinstall the parking stall signs.

3. QUESTION: When will the site be available to start Work?
   RESPONSE: The site will be available June 25, 2013 to begin Work.

4. QUESTION: When is Substantial Completion?
   RESPONSE: Site needs to be Substantially Complete by August 18, 2013.

MODIFICATIONS TO THE PROJECT MANUAL:

SECTION 09 96 00 – HIGH PERFORMANCE COATINGS

1. Refer to the project specifications. Add the following specification to the project manual, Section 099600 – High Performance Coatings.

SECTION 12 93 00 – SITE ACCESSORIES

1. Refer to specification section 129300 Site Accessories, subparagraph 2.1 B. Remove Fixed Stainless Steel Bollards from the project manual.

MODIFICATIONS TO THE DRAWINGS:

DRAWING N0. L1.01 – SITE DEMOLITION PLAN

1. Refer to Drawing No. L1.01 – Site Demolition Plan. Modify the note and hatch on the drawing for salvaged brick pavers to read "Salvage enough full brick pavers from the existing street to complete the new transitional sections as indicated on the layout plan. All remaining bricks can be demolished."

DRAWING N0. L2.01 – SITE PAVEMENT TYPES AND JOINTING PLAN

1. Refer to Drawing No. L2.01 – Site Pavement Types and Jointing Plan. Replace Detail 1 with Supplemental Drawing SDL-001 attached.

DRAWING NO. L2.02 – SITE LAYOUT AND SILVA CELL PLAN

1. Refer to Drawing No. L2.02 – Site Layout and Silva Cell Plan. Replace the stainless steel bollard note to read, "Painted Steel Bollards, Type of 4".

2. Refer to Drawing No. L2.02 – Site Layout and Silva Cell Plan. Bench Seating shall be by Owner.

END OF ADDENDUM NO. 1

SECTION 099600 - HIGH-PERFORMANCE COATINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section includes surface preparation and application of high-performance coating systems on the following substrates:

1. Exterior Substrates:

a. Steel.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product indicated. Include preparation requirements and application instructions.

B. Samples for Initial Selection: For each type of topcoat product indicated.

C. Samples for Verification: For each type of coating system and in each color and gloss of topcoat indicated.

1. Submit Samples on rigid backing, 8 inches (200 mm) square.
2. Step coats on Samples to show each coat required for system.
3. Label each coat of each Sample.
4. Label each Sample for location and application area.

D. Product List: For each product indicated, include the following:

1. Cross-reference to paint system and locations of application areas. Use same designations indicated on Drawings and in schedules.
2. VOC content.

1.4 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Coatings: **1/2 gal.** of each material and color applied.

1.5 QUALITY ASSURANCE

A. Mockups: Apply mockups of each coating system indicated to verify preliminary selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

1. Architect will select one surface to represent surfaces and conditions for application of each coating system specified in Part 3.

a. Wall and Ceiling Surfaces: Provide samples of at least 100 sq. ft. (9 sq. m).
b. Other Items: Architect will designate items or areas required.

2. Final approval of color selections will be based on mockups.

a. If preliminary color selections are not approved, apply additional mockups of additional colors selected by Architect at no added cost to Owner.

3. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F (7 deg C).

1. Maintain containers in clean condition, free of foreign materials and residue.
2. Remove rags and waste from storage areas daily.

1.7 FIELD CONDITIONS

A. Apply coatings only when temperature of surfaces to be coated and surrounding air temperatures are between 50 and 95 deg F (10 and 35 deg C).

B. Do not apply coatings when relative humidity exceeds 85 percent; at temperatures less than 5 deg F (3 deg C) above the dew point; or to damp or wet surfaces.

C. Do not apply exterior coatings in snow, rain, fog, or mist.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Products: Subject to compliance with requirements, provide one of the products listed in Paragraphs 3.7 and 3.8of this section for the paint category indicated.

2.2 HIGH-PERFORMANCE COATINGS, GENERAL

A. Material Compatibility:

1. Provide materials for use within each coating system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
2. For each coat in a coating system, provide products recommended in writing by manufacturers of topcoat for use in coating system and on substrate indicated.
3. Provide products of same manufacturer for each coat in a coating system.

B. Colors: As indicated on Drawings.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.

B. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.

C. Proceed with coating application only after unsatisfactory conditions have been corrected.

1. Beginning coating application constitutes Contractor's acceptance of substrates and conditions.
2. Notify the Architect of problems anticipated using the coatings specified over substrates primed by others.

3.2 PREPARATION

A. Comply with manufacturer's written instructions and recommendations applicable to substrates indicated.

B. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.

1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection.

C. Clean substrates of substances that could impair bond of coatings, including dust, dirt, oil, grease, and incompatible paints and encapsulants.

1. Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce coating systems indicated.

D. Steel Substrates: Remove rust, loose mill scale, and shop primer if any. Clean using methods recommended in writing by paint manufacturer but not less than the following:

1. SSPC-SP 7/NACE No. 4, "Brush-Off Blast Cleaning."
2. SSPC-SP 11, "Power Tool Cleaning to Bare Metal."
3. SSPC-SP 6/NACE No. 3, "Commercial Blast Cleaning."
4. SSPC-SP 10/NACE No. 2, "Near-White Blast Cleaning."
5. SSPC-SP 5/NACE No. 1, "White Metal Blast Cleaning."

E. Material Preparation: Carefully mix and prepare materials according to the coating manufacturer's directions.

1. Maintain containers used in mixing and application of coatings according to the manufacturer's directions.
2. Stir materials before applying to produce a mixture of uniform density; stir as required during application. Do not stir surface film into the material. Remove film and, if necessary, strain the coating material before using.
3. Use only the type of thinners approved by the manufacturer and only within recommended limits.

3.3 APPLICATION

A. **Provide finish coats compatible with the primers used.**

B. Apply high-performance coatings according to manufacturer's written instructions and recommendations.

1. Use applicators and techniques suited for coating and substrate indicated.
2. Coat surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, coat surfaces behind permanently fixed equipment or furniture with prime coat only.
3. Coat back sides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
4. Do not apply coatings over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
5. Omit primer on metal surfaces that have been shop-pried and touch-up painted.

C. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of the same material are to be applied. Tint undercoats to match color of finish coat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.

D. If undercoats or other conditions show through final coat, apply additional coats until cured film has a uniform coating finish, color, and appearance.

E. Apply coatings to produce surface films without cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections. Produce sharp glass lines and color breaks.

F. The number of coats and film thickness required is the same regardless of the application method. Do not apply succeeding coats until the previous coat has cured as recommended by the manufacturer. Where sanding is required, according to the manufacturer's directions, sand between applications to produce a smooth, even surface.

3.4 CLEANING AND PROTECTION

A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.

B. After completing coating application, clean spattered surfaces. Remove spattered coatings by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.

C. Protect work of other trades against damage from coating operation. Correct damage by cleaning, repairing, replacing, and recoating, as approved by Architect, and leave in an undamaged condition.

D. At completion of construction activities of other trades, touch up and restore damaged or defaced coated surfaces.

E. Provide "Wet Paint" signs to protect newly coated finishes.

F. Refer to the drawings, room finish schedules and notes for paint requirements. Architect shall approve all "match adjacent surfaces" colors before painting begins.

3.5 HIGH-PERFORMANCE COATINGS SCHEDULE

A.

LOCATION	**SHEEN**	**COATINGS SYSTEM**
Exterior Ferrous Metal	Semi-Gloss	EFM-1X

3.6 EXTERIOR HIGH-PERFORMANCE COATINGS

A. System EFM-1X for application on Exterior Ferrous Metal (Solid Color):

1. Semi-Gloss Acrylic Polymer: 1 finish coats over 1 intermediate coat and organic primer. (Primer to be applied by metal fabricator in shop.)
2. Metal Primer: Organic primer used to touch-up primed interior ferrous metal surfaces. (See Sections 05120 and 05500 for shop priming requirements.)

a. Thickness: 2.5 to 3.5 mils.
b. PPG: Coraflon ADS Epoxy Primer, 573.
c. Tnemec: Tneme-Zinc 90-97.
d. Or equal, if and as specifically approved by Architect by Addendum during bidding period.

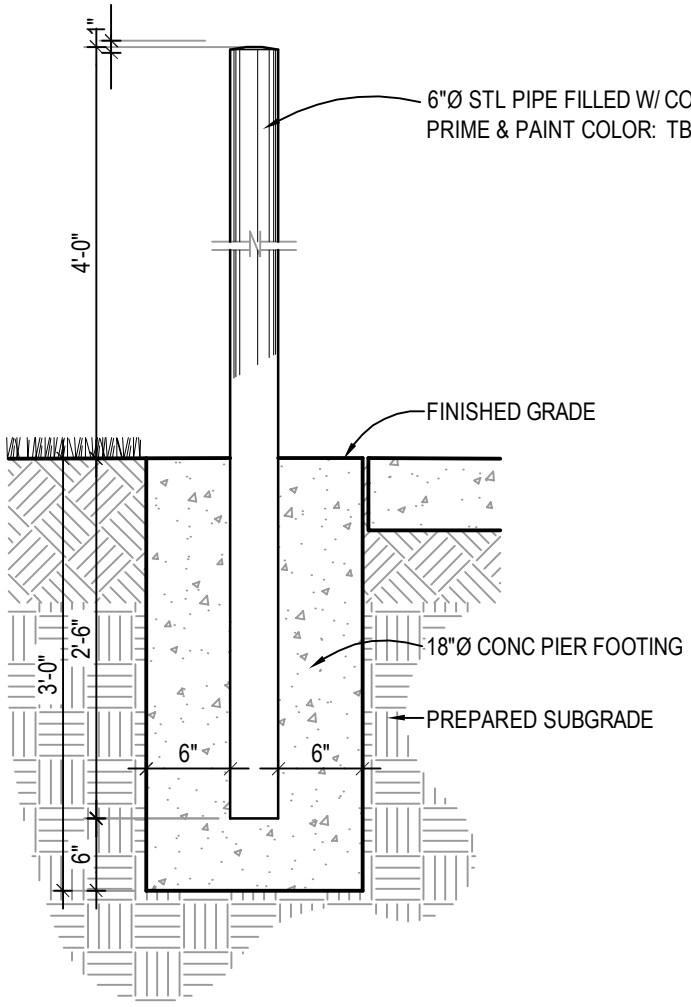
3. Aliphatic Acrylic Semi-Gloss Polyurethane Intermediate Coat: Weather-resistant clear coat for use over primed, zinc-coated metal surfaces:

a. Thickness: 3 – 4 mils.
b. PPG: Coraflon ADS Semi-Gloss.
c. Tnemec: Endura-Shield II, Series 73.
d. Or equal, if and as specifically approved by Architect by Addendum during bidding period.

4. Thermoset Fluoro-Polymer: Weather-resistant fluoro-polymer solutions for use over primed, zinc-coated metal surfaces: Color as selected by Architect from manufacturer's standards.

a. Thickness: 3 – 4 mils.
b. PPG: Coraflon ADS Semi-Gloss.
c. Tnemec: Fluoronar, Series 1071, Semi-Gloss (Solid Color).
d. Or equal, if and as specifically approved by Architect by Addendum during bidding period.

END OF SECTION 099600



1 PERMANENT BOLLARD

SCALE: 3/4"=1'-0"

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UNL 12th Street Mall Extension
Lincoln, Nebraska
TCEP Project No.: 018-196-13

Addendum #01
Supplemental Drawing: SDL-001
Revision of Sheet: L2.01
Date: May 14, 2013