

Addendum #3

Project Name: LPS Early Childhood Additions -
Roper Elementary School
SHA Project No.: 23004
LPS Bid No.: 10889
Issued: December 8, 2023
Bid Date: 2:00 pm, Thursday, December 14, 2023
Bid Opening: LPS Operations Facility
Location: 800 South 24th Street, Lincoln, NE 68510

This Addendum is issued to all known bidders before receipt of proposals. This Addendum is to authorize the use of the following information in preparing proposals for the above named project. The bidder **must** enter the number of this Addendum on the **Bid Form**.

GENERAL QUESTIONS AND CLARIFICATIONS

ADD 1-1. Fire Alarm Panel Manufacturer

Question: *What is the model of the existing fire alarm panel?*

Response: Simplex 4020 – See attached picture.

ADD 1-2. Existing Panels

Question: *Who is the manufacturer of the existing electrical panels?*

Response: Siemens

ADD 1-3. Light Fixture Type #5 Mounting

Question: *How to mount fixture type #5.*

Response: Mount fixture behind front cabinet reveal and route low voltage cabling up through cabinet, behind cabinet face. Mount driver above accessible ceiling.

ADD 1-4. Existing Clocks

Question: Do you know what type of existing clocks they have at the school?

Response: Simplex model 6310-9231

MODIFICATIONS TO THE SPECIFICATIONS

ADD 1-5. Section 230993 – Sequence of Operations, change section to read as follows:

Item 3.3- HEAT RECOVERY UNIT #7

- a. The energy recovery fresh air unit #7 shall be controlled by the BMS system. The control contractor shall control all functions of the unit. Provide graphic of the unit.
- b. The building control system shall provide an occupied/unoccupied schedule for the unit.
- c. When a signal is received from the BMS, the fresh air and exhaust air motorized dampers shall open. The supply and exhaust air blowers shall start.
- d. Provide a current sensor for status of the supply and exhaust air blowers. Provide alarm if they fail.
- e. Provide status on the exhaust and fresh air dampers. Provide alarm if they fail to open/close.
- f. Provide supply air, exhaust air and return air temperature sensors.
- g. The fresh air unit shall be turned off to an unoccupied mode when the outside air drops below 10 degrees. (adj).

ADD 1-6. Section 237210- Heat Recovery Unit

- a. Unit shall have 1" double wall foam construction.

ADD 1-7. Refer to the new Section 329200, Turf and Grasses, for seeding specifications.

ARCHITECTURAL PRIOR APPROVALS / SUBSTITUTIONS

ADD 1-8. The manufacturers listed herein will be considered approved for bidding. However, the proposed substitution must meet the intent of the specifications and will be subject to shop submittal approval during construction. Burden of Proof is on Proposer. Bidders shall bear all responsibility for coordinating and performing related changes in the Work necessitated by such substitution and include such costs in the Bid:

<u>Specification Section</u>	<u>Manufacturer / Proposed Product</u>
a. 072100 – Thermal Insulation	Atlas EnergyShield XR Continuous Below Grade Insulation
b. 072100 – Thermal Insulation	Atlas EnergyShield Pro Continuous Wall Insulation

- c. 072726 – Fluid Applied Air Barrier Soprema SopraSeal LM202VP

ADD 1-9. The following substitutions have NOT been approved for use on this Project:

- a. 075552 – SBS Modified Bituminous Membrane Roofing, Soprema SBS
Modified Bituminous Roofing

Reason: Proposed Product is not compatible with existing SBS modified bituminous membrane roofing products.

MECHANICAL PRIOR APPROVALS / SUBSTITUTIONS

ADD 1-10. The manufacturers listed herein will be considered approved for bidding. However, the proposed substitution must meet the intent of the specifications and will be subject to shop submittal approval during construction. Burden of Proof is on Proposer. Bidders shall bear all responsibility for coordinating and performing related changes in the Work necessitated by such substitution and include such costs in the Bid:

<u>Proposed Equipment</u>	<u>Manufacturer</u>
h. 233700 – Registers/grills/diffusers	Price, Nailor
i. 237210 – Heat Recovery Units	Greenheck

ELECTRICAL PRIOR APPROVALS / SUBSTITUTIONS

ADD 1-11. The manufacturers listed herein will be considered approved for bidding. However, the proposed substitution must meet the intent of the specifications and will be subject to shop submittal approval during construction. Burden of Proof is on Proposer. Bidders shall bear all responsibility for coordinating and performing related changes in the Work necessitated by such substitution and include such costs in the Bid:

<u>Proposed Equipment / Fixture</u>	<u>Manufacturer</u>
a. 265100 – Light Fixture #5	Interlux
b. 265100 – Light Fixtures #6, 6E	Cooper
c. 265100 – Light Fixtures #9, 9E	Pinnacle

ATTACHMENTS

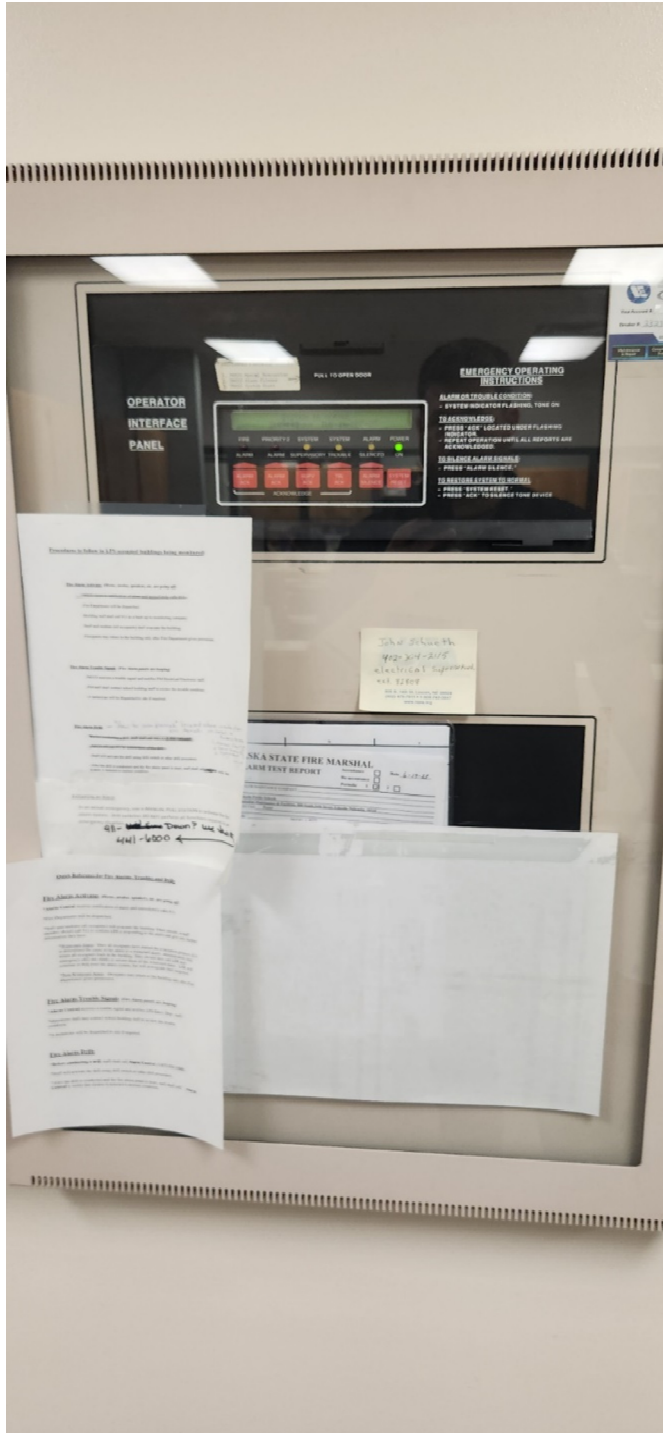
ADD 1-12. The following attachments are included as part of this addendum:

<u>Attachment</u>	<u>Description</u>	<u># of Pages</u>
• Picture #1	Picture of Existing fire alarm panel	1
• Section 329200	Turf and Grasses	4

End of Addendum #3

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Attachment – Picture #1



SECTION 329200 – TURF AND GRASSES

PART 1 - GENERAL

1.1 SUMMARY

- A. The Contractor shall furnish all labor, materials, tools, equipment, supervision, and services necessary to install seed, preparation of soil, fine grading, watering, proper disposal of any excess earth or debris, all in accordance with the accompanying Drawings and these Specifications.

1.2 SECTION INCLUDES

- A. Seeding.

1.3 RELATED SECTIONS

- A. Section 312000 – Earth Moving

1.4 INFORMATIONAL SUBMITTALS

- A. Prior to delivery to the job site, contractor shall submit to the Engineer the source and supplier of all grass sod, seed, fertilizer and other materials along with the type of equipment to be used on this project.
- B. Certification of grass seed.
- C. Product certificates.

1.5 QUALITY ASSURANCE

- A. Regulatory Requirements
 - 1. Comply with applicable requirements of Federal, State, and Local laws, regulations and codes having jurisdiction at the project site.
 - 2. Contractor shall be responsible for certificates of inspection of plant material that may be required by Federal and Local authorities to accompany shipments of plants.
- B. Reference Standards
 - 1. "Standardized Plant Names" by the American Joint Committee of Horticultural Nomenclature.
 - 2. American National Standards Institute (ANSI); Publication Z60.1.
- C. Coordination
 - 1. Work in conjunction with other trades as directed, taking all reasonable precautions to avoid disturbance or interference with any other operation or installation on the site.

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Contractors shall be responsible for the cost of replacing any material damaged as a result of his/her negligence.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Storage of Materials

1. All materials delivered to the job shall be stored so as to keep them in new condition and free from deterioration. Peat moss, fertilizer, etc., shall be stored in temporary sheds off-site at Contractor's expense.

B. Packaged Materials

1. Deliver packaged materials in unopened containers showing weight, analysis, and name of manufacturer. Protect materials from deterioration during delivery and while stored at site.

C. Seed and Other Packaged Materials: Deliver packaged materials in original, unopened containers showing weight, certified analysis, name and address of manufacturer, and indication of compliance with state and Federal laws, as applicable.

1.7 SEQUENCING AND SCHEDULING

A. Planting Time: Proceed with and complete planting as rapidly as portions of the site become available, working within seasonal limitations for each kind of landscape work required.

B. Planting Dates:

1. Recommended dates for seeding shall be May 15 - July 15 for spring planting and September 1 - December 15 for fall planting.

1.8 MATERIALS CLEAN-UP

A. The Contractor shall keep the premises free from rubbish and all debris associated with their work at all times and all unused materials and debris shall be removed from the site.

PART 2 - PRODUCTS

2.1 SEED

A. Miller Seed, Preferred Turf Plus, or approved equal.

2.2 FERTILIZERS

A. Commercial Fertilizer: Commercial-grade complete fertilizer of neutral character, conforming to the applicable State Fertilizer Laws, consisting of fast- and slow-release nitrogen, 50 percent derived from natural organic sources of urea formaldehyde, phosphorous, and potassium in the following composition:

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1. Composition: Not less than 13% phosphoric acid and not less than 13% potassium, and percentage of nitrogen required to provide not less than 1 lb. of actual nitrogen per 1,000 sq. ft. of lawn area or as recommended by the County Extension Agent based on soil test results. Provide nitrogen in a form that will be available to lawn during period of growth.

PART 3 - EXECUTION

3.1 TURF AREA PREPARATION

A. General:

1. Clearing
 - a. All areas of turf establishment are to be cleared by the Contractor.
 - b. Clearing shall consist of the satisfactory removal and disposal of brush, rubbish, and other vegetative growth occurring within all proposed turf areas unless turf is being overseeded. All debris associated with this work shall be gathered and removed from the project by the Contractor.
2. Preparation of Planting Mixture
 - a. Mix recommended soil amendments and fertilizers with topsoil at rates recommended by the soil test results. Delay addition of fertilizer if planting mixture will not be used within two (2) days.
3. Protection of Existing Vegetation
 - a. All areas under drip lines of existing trees shall be kept free of construction equipment, trailers, material storage, and vehicles.
 - b. Exercise extreme care when working around existing trees to remain. No soil scarification or compaction from construction vehicles shall occur under any existing tree dripline.
 - c. In areas of established turf, the surrounding turf area shall be covered in a manner that will provide protection before excavations begin for sodded turf.

- B. Moisten prepared area before planting if soil is dry. Water thoroughly and allow surface to dry before planting. Do not create muddy soil.

3.2 SEEDING

1. All established turf areas damaged during landscape installation and areas to be seeded as indicated on the plan shall be have temporary cover removed, fine graded and seeded as specified herein and in strict accordance with standard horticultural practices
2. Seed shall be applied by drill seeding as specified below.
 - a. Newly seeded areas shall received straw mulch crimped in place to protect against erosion and washout. Provide turf erosion control matting and slopes 3:1 or steeper.
 - b. All areas which do not show a satisfactory catch of grass shall be reseeded at intervals of 21 days until a dense lawn of permanent grasses, free from any bare spots, areas of washout or erosion damage has been established.
 - c. Watering: Seeded areas shall be watered daily to insure good germination. Once seeds have germinated, watering may be decreased but the seedlings must never be allowed to dry out completely. Frequent watering should be continued for approximately three (3) weeks after germination or until grass has become sufficiently established to warrant watering on an "as needed" basis.

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- d. Seeded areas shall be guaranteed by the Contractor for the specified period (a minimum of one year) or longer if necessary to establish a dense cover as specified above.

3.3 SATISFACTORY TURF

- A. Turf installations shall meet the following criteria as determined by Landscape Architect:
 - 1. Satisfactory Seeded Turf: At end of maintenance period, a healthy, uniform, close stand of grass has been established, free of weeds and surface irregularities, with coverage exceeding 90 percent over any 10 sq. ft. and bare spots not exceeding 5 by 5 inches.
- B. Use specified materials to reestablish turf that does not comply with requirements and continue maintenance until turf is satisfactory.

3.4 MAINTENANCE

- A. The Contractor shall maintain seed areas by weeding and mowing as required for healthy growth until issuance of the letter of Substantial Completion for the entire site and scope of work.
- B. The Contractor shall be responsible for watering by hand seed areas and areas not covered by the irrigation system. Hand watering of these areas shall continue until letter of Substantial Completion has been issued. Watering shall supplement natural rainfall and shall assure that the seed areas receive a minimum of one (1) inch of water per week. Seed shall be watered daily during the first week and in sufficient quantities to maintain moist soil to a depth of four inches (4"). After the first week seed shall be watered as necessary to maintain adequate moisture.

END OF SECTION 329200