ROCKFORD BOARD OF EDUCATION
INVITATION FOR BID ON SUPPLIES, MATERIALS, EQUIPMENT OR SERVICES FOR SCHOOL DISTRICT NO. 205 ROCKFORD, ILLINOIS

IFB No. **18-59 Install of Modular Classroom at Hillman Elementary School**

DATE: **June 12, 2018**

RE: **ADDENDUM NO. 3**

To All Bidders:

Included are modifications, clarifications and/or corrections for the Project Manual and are hereby made a part of the contract documents. Please attach this addendum to the Project Manual(s) in your possession. Please note the receipt of this addendum on the bid form. Bidders shall review changes to all portions of this work as changes to one portion may affect the work of another.

If you plan to hand deliver your IFB submission on the due date, please note you must check in on the 2nd floor prior to coming to the bid opening. Please allow time for this as late submission will not be accepted.

Refer all questions relative to the business aspect, Instructions to Bidders, Special Conditions, and questions concerning the technical aspect of the documents to the Director of Purchasing by email at purchasingdeptstaff@rps205.com.

ROCKFORD BOARD OF EDUCATION

By: Dane Youngblood
Director of Purchasing

ADDENDUM THREE

RPS205 Project No.: **18-59**

RLJA Project No.: **18-020**

Date: **June 12, 2018**

Subject: **CHANGES to the BIDDING DOCUMENTS**

Project: **INSTALL OF MODULAR CLASSROOM AT HILLMAN ELEMENTARY SCHOOL**
3701 GREEN DALE DRIVE
ROCKFORD, ILLINOIS 61109

Bids Due: **2:00PM (CST), TUESDAY, JUNE 19, 2018**

From: **RICHARD L. JOHNSON ASSOCIATES, INC.**
4703 CHARLES STREET
ROCKFORD, IL 61108

To: **ALL PROJECT DOCUMENT HOLDERS**

Please reproduce this Addendum as needed and attach to the Project Manuals for the above project.

Bidders shall indicate receipt of this and all Addenda in the space provided on the Bid Form. Failure to do so may be sufficient cause to reject the bid.

Sincerely,
RICHARD L. JOHNSON ASSOCIATES, INC.

Richard L. Johnson, Principal

This Addendum consists of:

a. Pages 1 thru 2
b. Revised Bid Offer Form - 6-12-18
c. 057114 Aluminum Ramp & Stair System 5 pages

CHANGES to THE PROJECT MANUAL & DRAWINGS

1. GENERAL ITEMS

1.1. The Contractor may submit an Alternate Bid for an aluminum ADA ramp and stair system per the attached specification in lieu of wood.

1.2. The Contractor cannot submit a proposed substitution for a different foundation design.

1.2 The Contractor shall base the foundation plan on 2,000 PSF per Section 131200 Modular Classroom, Part 1.2.1.

END ADDENDUM NUMBER 3

BOARD OF EDUCATION
ROCKFORD SCHOOL DISTRICT NO. 205

REVISED BID OFFER FORM - 6-12-18

Bid # IFB-18-59_____Project at Hillman Elementary School.

BID SUBMITTED BY: _____

Date _____

The undersigned, having become familiar with the local conditions affecting cost of work and with the Bidding Documents, including the advertisement of the Invitation for Bid, the Instructions and Supplementary Instructions to Bidders, this Bid Offer Form, the General and Supplementary Conditions, the Drawings and Specifications, and Addenda issued thereto, as prepared and issued by the Board of Education of Rockford School District No. 205, Winnebago and Boone Counties, Illinois hereby agrees to furnish all labor, material and equipment necessary to do the Work required for the project and IFB identified above, for the amount shown below:

Note: Contractor to write "No Bid" in the dollar amount section for any line items not bid.

BASE BID:

TOTAL: _____ DOLLARS ($_____)

ALTERNATE BID #1: - ALUMINUM RAMP & STAIR SYSTEM IN LIEU OF WOOD

TOTAL: _____ (ADD / DEDUCT) DOLLARS ($_____)

ADDENDA RECEIVED

The undersigned acknowledges receipt of Addenda _____ to _____ inclusive.

PRE-BID MEETING ATTENDANCE

A Bidder representative attended the Pre-Bid Meeting? YES_____ OR No_____.

SITE VISIT

Existing premises and conditions were checked by an on-site inspection on _____.

CONTRACTOR'S QUALIFICATION STATEMENT

A fully completed AIA Document A305-1986 Contractor's Qualification Statement is **required** AND MUST BE SUBMITTED WITH THE BID. Include at least three references from projects completed in the past five (5) years with phone number, date of completion, description of work, and project architect (or engineer) contact name with phone number. Projects must be similar to the scope of this bid, and the bidder must have acted in the capacity of prime or general contractor.

Contractor has adequate equipment to perform the work properly and expeditiously: ___Yes ___No.

COMMENCEMENT AND COMPLETION OF CONTRACT

The undersigned agrees, if awarded the Contract, to commence the contract work within five (5) days of receipt of Order to Proceed or if required, upon execution of a formal written contract and to complete said Work within the specified completion time. The undersigned further agrees to execute the Contract, furnish satisfactory performance and payment bond as well as insurance coverage, as specified in strict accordance with the Contract Documents.

Date of Commencement of Construction: June 27, 2018

BOARD OF EDUCATION
ROCKFORD SCHOOL DISTRICT NO. 205

REVISED BID OFFER FORM - 6-12-18

Date of Substantial Completion: August 3, 2018

Date of Final Completion: August 10, 2018

BIDDER: _____
(Corporation) (Partnership) (Individual) Circle One

Address _____
Street

_____
City State Zip Code

_____ _____
Phone No. Email address

BIDDER FEIN/SSN NO. _____

By: _____ _____
Bidder or Authorized Agent Signature Print name

Title: _____

Subscribed and sworn to before be this ___ day of _____, _____.

_____
Notary Public
My commission expires:_____

BID DEPOSIT CERTIFICATION

A Bid Deposit is required in the amount of 5% of the total Bid including Alternate Bids. This Bid Deposit is to be a Bid Bond, Bank Draft or Certified Check made payable to the "Rockford School District No. 205", as a guarantee that if awarded all or part of the Bid, the firm will enter into a contract to perform with the Board of Education.

Amount of Total Bid $_____

Amount of Bank draft or Certified Check $_____

BIDDER: _____

_____
Signature of Bidder or Authorized Agent

REVISED BID OFFER FORM - 6-12-18

SUBCONTRACTOR LISTING

1. Pursuant to bidding requirements for the Work:

   The Bidder, for portions of the Work equaling or exceeding ½ of 1% of the total Contract Sum, proposes to use the following Subcontractors. The Bidder proposes to perform all other portions of the Work with its own forces. The District reserves the right to qualify all Subcontractors. COPY AND ATTACH ADDITIONAL SHEETS AS NECESSARY.

2. Portion of the Work — Subcontractor Name and Address

_____ _____

_____

_____

_____ _____

_____

_____

_____ _____

_____

_____

_____ _____

_____

_____

_____ _____

_____

_____

Bidder:

_____

By: _____
Bidder or Authorized Agent Signature

END OF BID OFFER FORM

SECTION 057114
ALUMINUM RAMP & STAIR SYSTEM

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:

1. Prefabricated aluminum ramp and stair system.
2. Anchorages of type appropriate to the supporting structure and as required to provide a sturdy installation resistant to all reasonable loads.

B. Related Requirements:

1. Section 024119 "Selective Demolition" for removal of existing exterior wood ramp and stair system.

1.3 SUBMITTALS

A. Shop Drawings: Detailed shop drawings including:

1. Overall layout dimensions.
2. Detailed shop weldment drawings.
3. Footer layout drawings when requested.

B. Product specifications and drawings must be submitted as a shop drawing.

C. Engineering: Sealed shop drawings signed by an Illinois licensed Structural Engineer.

1.4 QUALITY ASSURANCE

A. All components (Ramp sections, Platforms and Steps) must be designed such that an access possible. system can be repurposed in new configurations and functions. This includes being able to connect all platforms (originally meant for ramps or steps), together if a new configuration requires.

B. Aluminum welding will be in accordance with ANSI / AWS D1.2/D1.2M: 2008. Welding must be performed solely with Pulsed Gas Metal Arc Welding (Pulse-MIG) processes or Gas Tungsten Arc Welding (TIG) processes by experienced operators."

C. All exposed surfaces must be free of sharp or jagged surfaces.

D. Warranty: Installer and manufacture warrants its products to be free from defects in material and workmanship for a period of two years beginning at the date of delivery of product. This warranty excludes any defects resulting from abnormal use in installation, service, accidental or intentional damage or any occurrences beyond the manufacturer's control

1.5 MATERIALS

A. All Ramp Sections, Platforms, Steps, Legs, and Guardrails are constructed of mill finish aluminum extrusions and mill finish aluminum sheet. Extrusions are either 6061-T6, 6063-T52, or 6005-T5 aluminum alloy and all aluminum sheet is 5052-H32. Powder coating in color as selected by Architect.

1.6 ENGINEERING

A. The Ramp, Step, and Platform system is designed to be a rigid, free-standing structure. All footplates should bear on ABS pads on top of existing concrete surfaces, asphalt surfaces or existing footings in order to achieve full structural integrity. ABS pads to be properly fastened to asphalt, concrete or earth as required. Fasten all platforms to the building or modular building with lag screws.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: Upside Innovations, LLC, 5470 Spellmire Dr., Phone: (513) 889-2492; Fax: (513) 672-2124, Billy Lippert (513) 260-1844 or other manufacturer approved during the bidding phase.

2.2 COMPONENTS

A. Ramp Sections:

1. Walking surfaces are designed to carry a uniform live load of 100 pounds per square foot and a concentrated vertical load of 300 pounds in an area of one square foot.
2. Ramp sections are fabricated in typical 8' and 10' lengths. Custom lengths can be fabricated as requested.
3. Walking surfaces are designed to have a coefficient of friction no less than 0.50 in the normal direction of travel.
4. All ramp sections are designed to allow a maximum slope of 1:12 or 1" of rise for every 12" of run. The ramp section can be adjusted to accommodate a lesser slope of 1:20 if desired.
5. Walking surfaces are designed and constructed to be continuous, without gaps and must be made using 1-1/2" x 8" extruded decking. The outside legs of each piece of extrusion must be touching the adjacent piece in order to create a hard stop for structural support.
6. Ramp sections are designed to incorporate a 3-1/4" high curb adjacent to the walking surfaces both sides.

7. Ramp sections are designed to allow a clearance of 48" between handrails.

B. Ramp Handrails & Guardrails:

1. All ramp handrails and ramp guardrails are designed to withstand a concentrated load of 200 pounds applied in any direction on the top of the rail.
2. Ramp guardrails are designed to be 42" high measured vertically from the walking surface to the top of the rail.
3. All balusters and other custom rail panels are designed to withstand a load of 50 pounds in the horizontal direction applied in an area of one square foot.
4. All guardrails will not allow a 4" diameter sphere to pass though in any area.
5. Guardrails and handrails are provided on both sides of all ramp sections.
6. All Ramp handrails are designed to be continuous along ramp runs and in between the inside corner of 90 degree and 180 degree turns in ramp direction. Handrails are not interrupted by posts or other obstructions.
7. All handrails must have a clearance of 2-1/4" between the handrail and the guardrail. Handrails are to be constructed of 1-1/4" SCH 40 pipe with an outside diameter of 1.66".
8. All ramp handrails are designed to be 36" high measured vertically from the walking surface to the top of the rail. Ramp handrails extend 12" past the end of the slope parallel to the ground surface and return to the closest rail post or wall, if needed due to door swing interference at the top of the ramp.
9. All guardrail frames are to be constructed at minimum with 2" x 2" aluminum square tube.
10. All balusters are to be constructed at minimum with ¾" x ¾" aluminum square tube.

C. Platforms & Landings

1. Walking surfaces are designed to carry a uniform live load of 100 pounds per square foot and concentrated vertical load of 300 pounds in an area of one square foot.
2. Walking surfaces are designed to have a coefficient of friction no less than 0.50 in all directions of travel.
3. Walking surfaces are designed and constructed to be continuous, without gaps and must be made using 1-1/2" x 8" extruded decking. The outside legs of each piece of extrusion must be touching the adjacent piece in order to create a hard stop for structural support.
4. All platforms are designed to be wider than the ramp section or step leading up to them and at least 60" long in the direction of travel.
5. All platforms are designed to allow at least a 60" diameter area of clearance free of obstructions.
6. Platforms are fabricated in typical 5'-4" x 5'-4" sections. Larger sizes will be fabricated as required by layout.
7. Platforms must be designed as a universal design, so that a common platform can be configured as a resting platform, switchback platform, turning platform, walkway platform, or threshold landing platform.

D. Platform Guardrails:

1. All platform guardrails are designed to withstand a concentrated load of 200 pounds applied in any direction on the top of the rail.

2. Platform guardrails are designed to be 42" high measured vertically from the walking surface to the top of the rail.
3. All balusters and other custom rail panels are designed to withstand a load of 50 pounds in the horizontal direction applied in an area of one square foot.
4. All guardrails will not allow a 4" diameter sphere to pass though in any area.
5. Guardrails are provided on all open sides of each platform.
6. All guardrail frames are to be constructed at minimum with 2" x 2" aluminum square tube.
7. All balusters are to be constructed at minimum with ¾" x ¾" aluminum square tube.

E. Ramp & Platform Legs

1. All legs are designed to support the ramp sections and platforms / landings.
2. Ramp legs are designed to include 28" of adjustability in order have enough adjustment so that a compliant installation can be made with the minimum number of parts.
3. Ramp legs include a 6" x 12" x 0.250" welded foot pad.
4. Platform legs must be designed using a minimum of 3" x 3" x 0.125" aluminum square tube that connects to the platform and a telescoping 2.7" x 2.7" x 0.125" aluminum square tube with a 6" x 6" x 0.250" welded foot pad. The legs must be bolted wall to wall with two 18-8 stainless steel bolts The telescoping feature allows leg adjustment in order to meet elevation changes.

F. Steps

1. Step treads and stringers are designed to carry a uniform live load of 100 pounds per square foot and a concentrated vertical load of 300 pounds in an area of one square foot.
2. Walking surfaces are designed to have a coefficient of friction no less than 0.50 in the normal direction of travel.
3. Steps are designed to allow a minimum clearance of 48" between handrails.
4. All step treads are designed to have a uniform depth of 12" with a 1" nosing for an effective run of 11" minimum per step, INCLUDING THE TOP STEP ONTO THE PLATFORM / LANDING.
5. All step nosings have a uniform radius of ¼" and an underside angle of 60 degrees from the horizontal.
6. Step treads are designed to have a uniform height of either 6", 6-½", or 7" depending on the overall height of the step assembly. All step risers are closed between treads.
7. Step tread widths are designed to allow a clearance of 48" between handrails.

G. Step Rails

1. All step rails are designed to withstand a concentrated load of 200 pounds applied in any direction on the top of the rail.
2. **Steps over 30"**: Step rails for steps with a vertical rise over 30" must have a 42" guardrail in addition to the 36" handrail.
3. **Steps 30" or under**: Step rails for steps at 30" or under do not require a 42" guardrail.
4. All baluster panels and other custom rail panels are designed to withstand a load of 50 pounds in the horizontal direction applied in an area of one square foot.
5. All step rails will not allow a 4" diameter sphere to pass though in any area.

6. Step rails are provided on both sides of the step treads.
7. All step handrails are designed to be continuous along step runs and in between the inside corner of 90 degree and 180 degree turns in step direction. Handrails are not interrupted by posts or other obstructions.
8. All handrails must have a clearance of 2-1/4" between the handrail and the guardrail. Handrails are to be constructed of 1-1/4" SCH 40 pipe with an outside diameter of 1.66".
9. Step handrails are designed to be 36" high measured vertically from the top of the step nosing to the top of the rail.
10. Step handrails extend 12" past the top step nosing parallel to the ground surface and return to the closest rail post or wall if needed due to door swing interference at the top of the step. Step handrails also extend one tread width past the bottom step tread (11") and return to the closest rail post.
11. All step rail frames are to be constructed at minimum with 1-¾" x 1-¾" aluminum square tube.
12. All baluster panels are to be constructed at minimum with ¾" x ¾" aluminum square tube

2.3 ALUMINUM FINISHES

A. Clear anodized aluminum finish.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Ramp and stair system shall include composite decking, guardrails, handrails and other components in compliance to meet the applicable ADA Code.

END OF SECTION 057114