addendum

Various DNR Properties – ADA Compliant Playground Improvements IDOA Project #E010-017A

Addendum #5 - January 12, 2018

This addendum is being issued prior to the date for receiving bids.

The modifications, additional data and specifications included herein shall be incorporated into the Project Manual for the above-mentioned project. All other provisions of the Drawings and Specifications shall remain unchanged.

This addendum is issued in accordance with the provisions of Information for Bidders section of the Project Manual. All bids shall be based upon work as modified by this Addendum or Prior Addenda.

Acknowledge receipt of this Addendum on the Bid Form. Failure to do so may subject the bidder to disqualification. This addendum forms a part of the Contract Documents.

PHONE AND EMAIL QUESTIONS AND ANSWERS

<u>QUESTION #1:</u>	In order for the playground subsurface drainage system to perform effectively, should a membrane be provided between the Engineer Wood Fiber and drainage layer?
ANSWER #1:	Contractor shall provide geotextile membrane per detail 6/SD501 and specifications.
<u>QUESTION #2:</u>	In order for the drainage system to perform effectively, should the drainage layer be sloped so that drainage will make its way to the subdrains?
ANSWER #2:	The intent of the design is to provide positive drainage from the playground to a point of discharge. See perimeter drain callout, detail 8/SD501. Site conditions may vary. Therefore, it is anticipated that small field adjustments may be required in order to provide positive drainage.
<u>QUESTION #3:</u>	In order for the drainage system to perform effectively, should a slope be provided along the sub-drains so that drainage will be conveyed to a suitable outlet?
ANSWER #3:	The intent of the design is to provide positive drainage from the playground to a point of discharge. Sub-drains shall have a minimum 0.05% slope towards point of discharge. Site conditions may vary. Therefore, it is anticipated that small field adjustments may be required in order to provide positive drainage.

QUESTION #4:

Where the playground sub-drainage outlets into a drywell system, a single-small pit is currently shown. This may provide only a small fraction of the volume and surface area required to provide proper drainage.

ANSWER #4:

Per addendum #3, the revised detail 6/C504 requires that the Contractor shall provide a minimum of two (2) drywells for each playground. However, site conditions may vary. Contractor shall consult with Project Engineer prior to beginning of construction in order to determine necessary drainage storage capacity requirements.

QUESTION #5:

The Owen-Putnam exhibit issued as part of addendum #3 does not show the recently constructed shelter, road, sewage dump facility, nor the water lines which traverse through proposed location for the playground. We believe that the available area is actually smaller and has more constraints that are shown by the exhibit. Will the DNR be relocating those waterlines ahead of this project, or will the waterlines have to be relocated as part of this project?

ANSWER #5: The playground will be constructed per plans.

QUESTION #6:

At Trine SRA, the conflict between the accessible parking and the existing drain appears to have been sufficiently addressed by the revised Sheet SD210 included as part of Addendum #3. However, "Answer #12" appears to contradict that revised design. Please clarify.

ANSWER #6:

Revisions to sheet SD210 as issued per addendum #3 shall supersede "Answer 12". Answer 12 shall be corrected to read: "Contractor shall remove existing underdrain pipe and casting in its entirety. Contractor shall install new underdrain, inlet, and outfall per sheet SD210.

<u>REVISIONS TO THE SPECIFICATIONS</u>

ITEM #1:

The following products shall be considered an approved equal for the freestanding swing, small composite playground structure, and medium composite playground structure as described in the specification section 11 6800, Part 2, Articles 2.3 and 2.4:

Playworld Systems, Inc. – Proposal No. 17-4197D (Small), Proposal No. 17-4199D, Option 1 (Medium)

a) Contingent upon providing custom 11 gauge steel Nuvo Transfer Station with reinforcing to conform to the Basis-of-Design requirements.

(continued on next page)

Kidstuff Playsystems - Proposal No. 7633-02 (Small) and Proposal No. 7632-02 (Medium)

a) Contingent upon providing aluminum post caps in lieu of polyethylene caps to conform to the Basis-of-Design requirements.

Landscape Structures, Inc. – Proposal No. 111467-2-3 (small) and Proposal No. 111467-1-3 (medium)

a) Contingent upon providing minimum user capacities for the play components during the Shop Drawing and Submittal review process that conform to the Basis-of-Design requirements.

Final approval for substitution is based on review of the materials and information submitted. Final product shall be subject to conditions including, but not limited to, choice of color of all play components from the manufacturer's full range.

This approval for substitution shall be contingent on demonstrating full compliance with the requirements of the Specifications and Drawings throughout the course of this project. If, during the Shop Drawing and Submittal review process, a manufacturer/product, approved for substitution, should fail to be consistent with their submitted substitution request documentation and/or should fail to meet the requirements of the Specifications and Drawings, the State reserves the right to enforce Basis-of-Design at no additional cost to the State.

ITEM #2: REVISE specification 32 1816.13, Part 2, Article 2.3 Paragraph A, Item 3 to read the following:

3. Uncompressed Material Depth: Not less than as required for critical height indicated.

END OF ADDENDUM #5