Addendum No. 1
To
Specifications
For Project No. ENG2003724395

Description: Bank Stabilization to Protect Parking Lot
Location: Charlestown State Park

FOR AGENCY: Department of Natural Resources

The information contained in this Addendum shall become a part of the basic plans and specifications the same as if original incorporated therein. The original plans and specifications shall remain in their entirety, except as modified by this Addendum. The items herein shall supersede information in the specifications and on the plans.

ITEM No. 1: Plan Sheets 1 and 10 have been updated as follows:

- Plan Sheet 1 – Revisions Table has been added

- Plan Sheet 10 - Balled and burlapped trees have been removed from the plan set. Canopy Trees have been changed from 3 & 5 Gallon Stock Trees to 1”-2” Caliper Trees. Total Number of Canopy Trees to be planted has changed from 24 to 36. Bald Cypress has been updated to Red Maple. Total Number of Shrubs and Understory Trees has been updated from 12 to 18. Buttonbush has been updated to Pale Dogwood.

Please substitute the attached sheets for like numbered sheets that now appear in your copy of the plan set.

ITEM No. 2: Include the attached Supplemental Unit Price sheet with your bid.

Unit price is an amount proposed by bidders as a price per unit of measurement for materials or services added to or deducted from the Contract Lump Sum by appropriate modification, if estimated
quantities of Work required by the Contract Documents are increased or decreased.

Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.

ITEM No. 3: Pre-bid Meeting Agenda, Minutes, and attendee Sheet attached.

ITEM No. 4: Questions/Comments

Q: Is it required to Bond the road into the look-out areas as well as the existing parking lot?
A: Per Specification 1.14: Any damages to the existing facilities, roads, laws, driveways, or other State-owned property caused by the contractor shall be repaired by the Contractor at his/her expense and in a manner and schedule approved by the Owner.

Q: There seems to be a need for borrow material to construct the project. Is there a borrow area on site?
A: No. Fill shall be per the geotechnical guidelines.

Q: Is it possible to quote a material in place of the subbase currently bid on the project?
A: See ITEM No. 5 for an approved material substitution.

Q: It appears the existing conditions have changed since the plans were produced. How will additional quantities be paid for?
A: Lump Sum bids shall be based on the bidding documents. Any substantiated changes in site conditions from the bidding documents will be paid from a Supplemental Unit Price provided with the bid. These unit prices will only be used if there are substantiated changes and not for quantities in the lump sum bid amount. See Item 2.

Q: Are benches required to be installed per the dimensions/locations on cross section sheets?
A: The contractor will adjust the benching to field conditions as necessary.

Q: Is the 24” filter tube to be installed below the OHWM?
A: The contractor is to install the filter tube above the water level at the time of construction and adjust it as field conditions change.

ITEM No. 5: Approved Material Substitution Gradation Analysis

The attached gradation analysis is of a material that has been approved for the substitution of the #2 Stone and #53 Stone (50/50 Blend) subbase as shown in the plans. All Submittals, Quality Assurance, Placement, and Tolerances will conform to those set out in Section 31 05 16 of the specifications.

END OF ADDENDUM
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UTILITIES

- Note: Listed below are the Indiana Underground Plant Protection Services Contacts; Others not listed may exist.
- The surveyor has not physically located the underground utilities although the surveyor does certify that they are located as accurately as possible from information available. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated and can make no guarantees that the underground utilities comprise all such utilities in the area, either in-service or abandoned.
- The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees.

PROJECT DESCRIPTION:

- STABILIZE AND RESTORE THE BANK OF THE OHIO RIVER BETWEEN THE TWO OVERLOOK STRUCTURES IN CHARLESTOWN STATE PARK (APPROX. 56 LF) AND AT THE SOUTHERN OVERLOOK STRUCTURE (APPROX. 375 LF)

- CHARLESTOWN STATE PARK
- CHARLESTOWN

- PROJECT LOCATION SHOWN BY

- INDIANA DEPARTMENT OF TRANSPORTATION
- STANDARD SPECIFICATIONS DATED 2020
- TO BE USED WITH THESE PLANS

- HWC ENGINEERING
- 812-752-0914
- www.hwcengineering.com

- PROJECT LOCATION: CHARLESTOWN STATE PARK
- PARKING LOT STABILIZATION
- PROJECT NO. ENG2003724395

- INDEX SHEET & INDEX SHEET
- TOTALS SHEET
- DESIGN SHEET
- ENGINEERING DRAWINGS
- PLANS SHEET
- DETAILS SHEET
- SECTION SHEET
- EROSION CONTROL
- CROSS SECTIONS
**REPLANTING PLAN**

**INDIANA DEPARTMENT OF NATURAL RESOURCES**

**REPLANTING AREA (0.08 AC)**

**B. PLANT SPACING**

Trees and shrubs should be planted in a random pattern so that a minimum of 15 feet apart for balled and burlapped trees or 194 stems per acre. Avoid a plantation grid if at all possible.

**C. SURVIVAL RATES**

Trees shall be planted so the root collar is no deeper than ½ inch below the ground surface. Roots will not be forced into an improper planting hole, which would restrict their ability to grow and support the saplings thereby reducing the overall survival rate.

**D. WOODY VEGETATION**

This project consists of replanting 0.12 acres of woody vegetation.

**A. WOODY VEGETATION**

Replanting area is to be staked and approved by INDOT.

**INDOT SEED MIXES R, U, SEED MIXTURE GRASS TYPES 1 AND 2, AND SEED MIXTURE LEGUME TYPES 1 AND 2 ARE NOT ACCEPTABLE FOR USE ANYWHERE WITHIN THE FLOODWAY.**

**NOTE: TREE LOCATIONS ARE TO BE STAKED & APPROVED BY INDOT.**
CHARLESTOWN STATE PARK
Bank Stabilization to Protect Parking Lot

SUPPLEMENTAL UNIT PRICE

The contractor agrees to accept the following unit prices to adjust the amount of the contract, if actual site conditions or later changes in the design require additional work. These unit prices shall be submitted with the lump sum bid.

1. CLASS 1 RIPRAP

$ /TON

2. CRUSHED #2 STONE & #53 STONE (50/50 BLEND)

$ / CUBIC YARD

3. EXCAVATION

$ / CUBIC YARD

4. B-BORROW

$ / CUBIC YARD

Name of bidder:______________________________

Date:______________________________
1. **Introductions and Sign-in Sheet**

2. **Project Description**
   Stabilization and restoration of the bank of the Ohio River between the two overlook structures in Charlestown State Park and at the southern overlook structure.

3. **Bid Date and Time**
   - Bids are due by Thursday February 13, 2020 at the Bid Desk, Department of Administration, Public Works Division, 402 W. Washington St., Room W467, Indianapolis, Indiana, 46204 until 1:31 P.M. EST, after which bids will be opened.
   - Provide all the documents required with the bid.

4. **Contract Times**
   - Contract Times
     - Final Completion – December 31, 2020

5. **Clarifications/Addenda**
   - All requests for clarification should be made in writing to:
     Attn: Daniel Warren
     HWC Engineering
     Email: dwarren@hwcengineering.com
   - Any changes to the project documents will be made by written addendum.
     - Last day for questions will be Monday February 3, 2020 by 12:00 PM Noon
     - A final addendum, if required, will be issued by Tuesday February 4, 2020.

6. **Questions/Comments**
   Following the project overview the floor was opened to questions and comments. The following reflects the discussion at the meeting:
   - Jomary Baller is the DNR Project Manager
   - Lucas Green is the DNR Charlestown Park Property Manager
   - Todd Sterns is the DNR Code Inspector
• Trees over 5” dbh must be cut by April 1, but work on the rest of the project is not anticipated to begin until late July/August when water levels are typically low.
• Work other than tree cutting cannot begin until permits are received. Permits (IDNR, IDEM, USACE) are under review by the regulatory agencies and are anticipated soon. Rule 5 Erosion Control Plan will be submitted soon. Expected Regulatory requirements are included in the bid documents.
• Since the parking lot and overlooks will be closed during construction, it is important that once the Contractor starts, work must be continuous so that the closure is not reasonably long.
• Tree removal is not limited, but should be selective. Coordination with DNR on tree removal is expected.
• All Contractors must be pre-qualified by IDOA in one of the 3 categories as listed on the Notice to Bidders.
• The Contractors should note the work at both overlooks. Where the work at the northern overlook shall consist of flowable-fill underneath the sidewalk due to a loss of material, and the work at the southern overlook shall consist of a sidewalk cover plate to fix a discontinuity between the sidewalk and overlook.
• The work at the toe of the project is anticipated to be done when the water level is at or below low pool. If the contractor installs the rock at the toe first, it will be acceptable as an erosion control method to prevent sediment from leaving the project. The Contractor’s means or methods to complete this work is to their discretion.

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<th>Name</th>
<th>Organization</th>
<th>Email</th>
<th>Phone #</th>
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<tbody>
<tr>
<td>Jomary Baller</td>
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<td><a href="mailto:jballer@dnr.in.gov">jballer@dnr.in.gov</a></td>
<td>317-234-8731</td>
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**Comments**

**Estimated Production**

- **Weather Conditions**
  - Material
  - Customer Run Ledges
  - Normal
  - Stockpile
  - Backload

**Supervisor Signature**

**Technician Signature**

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**Daily Log of Aggregate**

**Test ID**

**Date**: 1/24/2020

**Source**: 5342

**Selengag, Indiana 47172**

**Samplng - INDOT Cap Program**