

BACKBONE STATE PARK
CABIN AND MUSEUM ROAD RECONSTRUCTION
DELAWARE COUNTY, IOWA
PROJECT NO. 21-03-28-02

November 14, 2022

This Addendum is issued to modify, explain or correct the original Drawings and Specifications, and is hereby made a part of the Contract Documents. Please attach this Addendum to the Project Manual in your possession. Insert the number and issue date of this Addendum in the blank space provided on the Proposal Form.

SPECIFICATIONS

- A. The following bid item has been added in the schedule of prices in Section 00300 Proposal.
 - 45 Bollard EACH 4

- B. Addendum 1 and the date have been added to the acknowledgement section of Section 00300 Proposal.

PLANS

- A. C.01
 - a. The following bid item has been added.
 - 45 Bollard EACH 4

 - b. The following notes have been added/updated in the Estimate Reference Information
 - 2 Removal of Existing Pavement and Base
 - 3 Removal of Existing Sidewalk and Base
 - 4 Removal of Existing Parking Lot and Base
 - "F. Existing roadway and parking lot pavement and base assumed to be an average of 6" thick each.
 - Existing sidewalk pavement assumed to be an average of 4" thick."
 - 16 Intake Grate
 - "A. Shall consist of 14- 3/16"x1 1/2"x 36" angle irons placed 4" on center attached with 3/8" wedge anchors. Angle iron and hardware shall be galvanized."

- B. C.02
 - a. The following note has been removed in the Estimate Reference Information
 - 22 Reinforced Concrete Pipe, 18"
 - 23 Reinforced Concrete Pipe, 24"
 - 24 Reinforced Concrete Pipe, 30"
 - "E. Dewatering including, but not limited to, all equipment such as generators, pumps, rock for sump pits, discharge piping, and any extra excavation needed to facilitate dewatering according to stormwater regulations, as applicable shall be considered incidental."

 - b. The following notes have been added/updated in the Estimate Reference Information
 - 37 Detectable Warning Panel
 - "A. Surface area applied truncated dome constructed of cast iron, 24 inches long and full width of the concrete."

Time and Date of Letting **11:00 AM, Novemer 17, 2022**

PROPOSAL

Project Description and Location

Project No. **21-03-28-02**

**CABIN AND MUSEUM ROAD RECONSTRUCTION
BACKBONE STATE PARK
DELAWARE COUNTY, Iowa**

Proposal of: _____
(Name of Bidder)

Located at: _____
(Address) (Telephone include area code)

Amount of Proposal Guarantee	Specified completion date or Number of Working Days	Approx. or Specified Starting Date or Number of Working Days	Liquidated Damages Per Day
\$100,000.00	August 31, 2023	N/A	\$650.00

The undersigned hereby agrees, if awarded the contract, to execute the proposed contract and to furnish an approved performance bond in a amount not less than 100 percent of the contract award within 30 days after the date of approval of award of the contract, and to provide all labor, materials, and equipment required to complete the project designated above, for the price hereinafter set forth, in strict compliance with the contract documents prepared by the Iowa Department of Natural Resources.

The undersigned agrees, if awarded the contract, to commence the work within a reasonable time after the preconstruction conference or by the specific starting date, if so specified, and to complete the work within the contract period, or to pay liquidated damages in the amount stipulated herein for each calendar day the work remains uncompleted after the expiration of the contract period or any authorized reduction thereof.

A proposal guarantee in the amount stipulated herein is included with this proposal, to be forfeited to the Iowa Department of Natural Resources if the undersigned fails to execute the contract and furnish an approved performance bond, if awarded the contract.

By virtue of statutory authority, preference will be given to products and provisions grown and coal produced within the state of Iowa, and also, a resident bidder shall be allowed a preference against a nonresident bidder from a state or foreign country which gives or requires a preference to bidders from that state or foreign country on projects in which there are no federal funds involved.

BY

(Iowa Contractor Registration No.)

(Signed)

(Date)

(Phone Number)

(Fax Number)

(Email Address)

By signing and submitting the proposal, the bidder:

1. Gives an unsworn declaration on behalf of each person, firm, association, partnership, or corporation has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract, and is not under debarment currently by the Federal government for a criminal violation which is reasonably related to bidding and contracting procedures; and

2. Affirms to have examined the plans, specifications, and job site to become acquainted with the adjacent areas, means of approach to the site, conditions of the actual job site, and the facilities for delivering, storing, placing, and handling of materials and equipment.

SCHEDULE OF PRICES

Project Description and Location

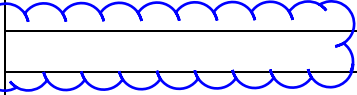
CABIN AND MUSEUM ROAD RECONSTRUCTION, BACKBONE STATE PARK, DELAWARE COUNTY

Name of Bidder

THE "UNIT PRICE" AND "AMOUNT" COLUMNS MUST BE FILLED IN FOR THIS PROPOSAL TO BE CONSIDERED COMPLETE. IF THERE IS A DISCREPANCY BETWEEN UNIT BID PRICES, EXTENSIONS, OR TOTAL AMOUNTS OF BID, THE UNIT PRICES SHALL GOVERN.

Item No.	Description	Estimated Quantity		Unit Price	Amount
1	Clearing and Grubbing	6.80	AC		
2	Removal of Existing Pavement and Base	7,799	SY		
3	Removal of Existing Sidewalk and Base	31	SY		
4	Removal of Existing Parking Lot and Base	148	SY		
5	Removal of Intake	1	EACH		
6	Removal of Sanitary Sewer Manhole	6	EACH		
7	Removal of Existing Reinforced Concrete Pipe < 36"	63	LF		
8	Removal of Existing Corrugated Metal Pipe < 36"	65	LF		
9	Removal of Headwall	1	LS		
10	Removal of Existing Gate	1	LS		
11	Manhole, Sanitary Sewer, SW-303, 48"	6	EACH		
12	Manhole Adjustment, Minor	1	EACH		
13	Intake, SW-513	2	EACH		
14	Intake Investigation	2	EACH		
15	Tile Investigation	50	LF		
16	Intake Grate	1	EACH		
17	Roadway Pavement, 7" PCC	10,725	SY		
18	Parking Lot Pavement, 7" PCC	606	SY		

19	Sidewalk, 6" PCC	26	SY		
20	Special Backfill	4,209	TONS		
21	Granular Shoulder, Type A	606	TONS		
22	Reinforced Concrete Pipe, 18"	72	LF		
23	Reinforced Concrete Pipe, 24"	40	LF		
24	Reinforced Concrete Pipe, 30"	90	LF		
25	Apron, Conc, 18"	1	EACH		
26	Apron, Conc, 30"	1	EACH		
27	Footing for Concrete Pipe Apron	2	EACH		
28	Pipe Apron Guard, 18"	1	EACH		
29	Pipe Apron Guard, 24"	1	EACH		
30	Pipe Apron Guard, 30"	1	EACH		
31	Erosion Control Mat, RECP Type 2.C	24	SQ		
32	Excavation, Class 10, Roadway and Borrow	869	CY		
33	Embankment-In-Place	4,059	CY		
34	Revetment, Class E	25	TON		
35	Painted Pavement Mark, High-Build Waterborne	1	LS		
36	Precast Concrete Parking Wheel Stops	16	EACH		
37	Detectable Warning Panel	40	SF		
38	Seeding, Fertilizing, and Mulching	6.80	AC		
39	Filter Sock, 8"	9,310	LF		
40	Signing	10	EACH		
41	NPDES General Permit #2 & SWPPP	1	EACH		
42	Construction Staking	1	LS		
43	Traffic Control	1	LS		
44	Mobilization	1	LS		
45	Bollard	4	EACH		
				Total	

Bidder Acknowledges Receipt of Any Issued Addenda Below (Number and Date)	List of Subcontractors (Attach additional pages, if necessary)
Addendum #1 11/14/22	
	

ESTIMATED PROJECT QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
1	Clearing and Grubbing	AC	6.80
2	Removal of Existing Pavement and Base	SY	7,799
3	Removal of Existing Sidewalk and Base	SY	31
4	Removal of Existing Parking Lot and Base	SY	148
5	Removal of Intake	EACH	1
6	Removal of Sanitary Sewer Manhole	EACH	6
7	Removal of Existing Reinforced Concrete Pipe < 36"	LF	63
8	Removal of Existing Corrugated Metal Pipe < 36"	LF	65
9	Removal of Headwall	LS	1
10	Removal of Existing Gate	LS	1
11	Manhole, Sanitary Sewer, SW-303, 48"	EACH	6
12	Manhole Adjustment, Minor	EACH	1
13	Intake, SW-513	EACH	2
14	Intake Investigation	EACH	2
15	Tile Investigation	LF	50
16	Intake Grate	EACH	1
17	Roadway Pavement, 7" PCC	SY	10,725
18	Parking Lot Pavement, 7" PCC	SY	606
19	Sidewalk, 6" PCC	SY	26
20	Special Backfill	TONS	4,209
21	Granular Shoulder, Type A	TONS	606
22	Reinforced Concrete Pipe, 18"	LF	72
23	Reinforced Concrete Pipe, 24"	LF	40
24	Reinforced Concrete Pipe, 30"	LF	90
25	Apron, Conc, 18"	EACH	1
26	Apron, Conc, 30"	EACH	1
27	Footing for Concrete Pipe Apron	EACH	2
28	Pipe Apron Guard, 18"	EACH	1
29	Pipe Apron Guard, 24"	EACH	1
30	Pipe Apron Guard, 30"	EACH	1
31	Erosion Control Mat, RECP Type 2.C	SQ	24
32	Excavation, Class 10, Roadway and Borrow	CY	869
33	Embankment-In-Place	CY	4,059
34	Revetment, Class E	TON	25
35	Painted Pavement Mark, High-Build Waterborne	LS	1
36	Precast Concrete Parking Wheel Stops	EACH	16
37	Detectable Warning Panel	SF	40
38	Seeding, Fertilizing, and Mulching	AC	6.80
39	Filter Sock, 8"	LF	9,310
40	Signing	EACH	10
41	NPDES General Permit #2 & SWPPP	EACH	1
42	Construction Staking	LS	1
43	Traffic Control	LS	1
44	Mobilization	LS	1
45	Bollard	EACH	4

NOTES

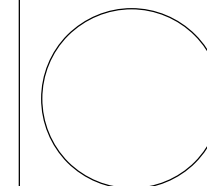
No weekend work shall be allowed.

The parking lot for the lodge, shelter and playground must be accessible weekly from Friday at 5 pm through Sunday.

ESTIMATE REFERENCE INFORMATION

ITEM NO.	DESCRIPTION
1	<p>Clearing and Grubbing</p> <p>A. Cutting shall be performed between October 1st and March 31st.</p> <p>B. Root removal will be required for all trees removed. In areas with construction, all trunks and roots that have a diameter of 1 inch or larger shall be grubbed out to a depth of at least 3 feet below ground surface. In areas outside of the construction, trunks and roots shall be grubbed to a depth of at least 4 inches below the ground surface.</p> <p>C. Includes the removal and disposal of trees and shrubs as shown in the plans and as directed by the DNR Inspector.</p> <p>D. Burning may take place in the north cul-de-sac at cabins 11-12. Off-site disposal shall be the responsibility of the contractor. No payment for overhaul will be allowed.</p>
2	Removal of Existing Pavement and Base
3	Removal of Existing Sidewalk and Base
4	<p>Removal of Existing Parking Lot and Base</p> <p>A. The contractor shall remove the existing pavement and base as indicated in the plan sheets.</p> <p>B. All saw cuts shall be incidental.</p> <p>C. Off-site disposal is the responsibility of the contractor.</p> <p>D. No payment for overhaul will be allowed.</p> <p>E. Regrading to drain shall be incidental.</p> <p>F. Existing roadway and parking lot pavement and base assumed to be an average of 6" thick each. Existing sidewalk pavement assumed to be an average of 4" thick.</p>
5	Removal of Intake
6	Removal of Sanitary Sewer Manhole
7	Removal of Existing Reinforced Concrete Pipe < 36"
8	Removal of Existing Corrugated Metal Pipe < 36"
9	<p>Removal of Headwall</p> <p>A. Off-site disposal is the responsibility of the contractor.</p> <p>B. No payment for overhaul will be allowed.</p>
10	<p>Removal of Existing Gate</p> <p>A. Salvage post and give to DNR Inspector or park staff.</p>
14	<p>Intake Investigation</p> <p>A. Inspect Intakes 1 and 4 for cracking and notify the DNR Inspector of the results</p> <p>B. Remove the earth on the east exterior face of Intake 1 and repair tile as necessary.</p> <p>C. Clean outsides of Intakes 1 and 4 of debris.</p> <p>D. Regrade around Intakes 1 and 4 to match existing ground.</p>
16	<p>Intake Grate</p> <p>A. Shall consist of 14- 3/16"x1 1/2"x 36" angle irons placed 4" on center attached with 3/8" wedge anchors. Angle iron and hardware shall be galvanized.</p>
17	<p>Roadway Pavement 7" PCC</p> <p>A. Non-reinforced concrete pavement with IDOT C4 mix.</p> <p>B. Joints shall be sawcut at 14' maximum spacing.</p> <p>C. An expansion joint shall be installed between the sidewalk and the roadway.</p> <p>D. Joints shall be cut to a maximum width of 1/8" +/- 1/16" and not sealed.</p> <p>E. PCC testing to be handled by a separate DNR contract.</p> <p>F. Earth shoulders at the Museum shall be incidental.</p>
18	<p>Parking Lot Pavement 7" PCC</p> <p>A. Non-reinforced concrete pavement with IDOT C4 mix.</p> <p>B. Joints shall be sawcut at 14' maximum spacing.</p> <p>C. An expansion joint shall be installed between the sidewalk and the parking lot.</p> <p>D. Joints shall be cut to a maximum width of 1/8" +/- 1/16" and not sealed.</p> <p>E. PCC testing to be handled by a separate DNR contract.</p> <p>F. Earth shoulders shall be incidental.</p>
19	<p>Sidewalk, 6" PCC</p> <p>A. Reinforced concrete pavement with IDOT C4 mix.</p> <p>B. Contraction joints shall be sawcut at 5' maximum spacing. Expansion joints shall be between the sidewalk around the building and the sidewalks leading up to the building.</p> <p>C. Expansion joints shall be installed between the sidewalk, roadway and parking lot.</p> <p>D. PCC testing to be handled by a separate DNR contract.</p> <p>E. Earth shoulders shall be incidental.</p>

CONSULTANT:



IOWA DEPARTMENT OF
NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034



QUANTITIES AND GENERAL INFORMATION

Cobh and Museum Road Reconstruction For:

BACKBONE STATE PARK

DELAWARE COUNTY

NO. BY DATE REVISION

DRAWN BY: PROJECT NUMBER:
21-03-28-02

CHK'D BY: DATE:
November 17, 2022

SHEET NO:

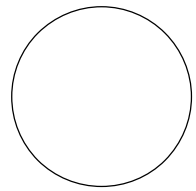
C.01

ESTIMATE REFERENCE INFORMATION	
ITEM NO.	DESCRIPTION
20	<p>Special Backfill</p> <p>A. Contractor shall install 6" special backfill under all roadways, parking lots, and sidewalks.</p> <p>B. The contractor may crush ACC from the pavement removal and use as recycled material provided it meets the gradation requirements. Gradation shall be per the Standard Specifications for Bridge and Highway Design, Series 2015, Section 4123. No payment for overhaul will be allowed.</p> <p>C. Preparation of subgrade shall be incidental.</p>
22	Reinforced Concrete Pipe, 18"
23	Reinforced Concrete Pipe, 24"
24	<p>Reinforced Concrete Pipe, 30"</p> <p>A. Furnishing and placing of Class "B" Bedding shall be considered incidental.</p> <p>B. Trench excavation shall be considered incidental.</p> <p>C. Removal and disposal of unsuitable backfill material encountered during trench excavation shall be considered incidental.</p> <p>D. Placing and compacting backfill material shall be considered incidental.</p> <p>E. (Left Blank)</p> <p>F. Sheeting, shoring, and bracing shall be considered incidental.</p> <p>G. Temporary support for existing water, sewer, gas, telephone, electric, and other utilities or services that cross the trench.</p> <p>H. Type 2 connected pipe joints shall be incidental.</p>
32	<p>Excavation, Class 10, Roadway and Borrow</p> <p>A. Removal of signs is incidental.</p> <p>B. Adjustment of hydrant is incidental.</p>
33	<p>Embankment-In-Place</p> <p>A. Contractor shall furnish borrow material.</p>
35	<p>Painted Pavement Mark, High-Build Waterborne</p> <p>A. Includes parking lot striping and stop lines.</p>
36	<p>Precast Concrete Parking Wheel Stops</p> <p>A. Contractor shall install the wheel stops in the parking stalls at the bathroom/shower building.</p> <p>B. Wheel stops shall be tied to the paved surface via metal pins.</p>
37	<p>Detectable Warning Panel</p> <p>A. Surface area applied truncated dome constructed of cast iron, 24 inches long and full width of the concrete.</p>
38	<p>Seeding, Fertilizing, and Mulching</p> <p>A. Contractor shall seed, fertilize, and mulch all disturbed areas.</p> <p>B. All rural seeding shall be completed per the /64Standard Specifications for Bridge and Highway Design, Series 2015, Section 9010.</p> <p>C. All rural seeding shall be completed using DOT Urban or Class "C" seed mixture.</p>
39	<p>Filter Sock, 8"</p> <p>A. Filter sock shall be installed as detailed to prevent sediment from exiting the project site and shall remain in place and be maintained during construction. DNR Park staff will remove once the site is stabilized.</p>
40	<p>Signing</p> <p>A. All signage shall be meet the requirements of the MUTCD.</p> <p>B. Sign locations shown are approximate.</p> <p>C. Includes 4-15 MPH signs, 1 handicap parking sign, 1 Not A Through Street sign and 3 stop signs.</p>

ESTIMATE REFERENCE INFORMATION	
ITEM NO.	DESCRIPTION
41	<p>NPDES GENERAL PERMIT #2 & SWPPP</p> <p>A. Contractor is responsible for obtaining the necessary permit, SWPPP, inspecting and maintaining the log.</p>
42	<p>Contractor Construction Staking</p> <p>A. Contractor is responsible for the survey staking of the construction of the project.</p>

GENERAL NOTES	
Verify actual locations and elevations with DNR Engineer.	
All work shall conform to and be performed in accordance with all applicable codes and ordinances.	
The contractor shall visit the site and inspect the project area and thoroughly familiarize themselves with the actual job conditions prior to bidding and the start of work. Failure to visit the project site shall not relieve the contractor from performing the work in accordance to the plans, specification, special provisions and contract.	
The contractor shall verify, at the site, all dimensions and conditions shown on the plans and shall notify the DNR Engineer of any discrepancies, omissions, and/or conflicts prior to proceeding with the work.	
It shall be the contractor's responsibility to provide waste areas or disposal sites for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for material hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the DNR Engineer.	
The contractor shall not disturb desirable grass areas and desirable trees outside the construction limits. The contractor will not be permitted to park or service vehicles and equipment or use these areas for storage of materials. Storage, parking and service areas will be subject to the approval of the DNR Engineer.	
Where utilities and fixtures are shown as Existing on the plans or encountered within the construction area, it shall be the responsibility of the contractor to notify the DNR Engineer of those utilities prior to the beginning of any construction. The contractor shall be afforded access to these facilities for necessary modification of services. Underground facilities, structures and utilities have been plotted from available surveys and records and therefore their locations must be considered approximate only. It is possible there may be others, the existence of which is presently not known or shown. It is the contractor's responsibility to determine their existence and exact location and to avoid damage thereto. No claims for additional compensation will be allowed to the contractor for any interference or delay caused by such work.	
The contractor shall shape graded area to maintain surface drainage. All elevations are to finish grade.	
The contractor is expected to have materials, equipment, and labor available on a daily basis to install and maintain erosion control features on the project. This may involve seeding, silt fence, rock ditch checks, silt basins or silt dikes.	

CONSULTANT:



IOWA DEPARTMENT OF NATURAL RESOURCES
 ENGINEERING SERVICES - WALLACE BUILDING
 502 E. 9TH ST., DES MOINES, IA 50319-0034



QUANTITIES AND GENERAL INFORMATION

Cobth and Museum Road Reconstruction For:

BACKBONE STATE PARK

DELAWARE COUNTY

NO.	BY	REVISION

DRAWN BY: PROJECT NUMBER: 21-03-28-02
 CHK'D BY: DATE: November 17, 2022
 SHEET NO: **C.02**