



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia Purchase Order

Order Date: 03-27-2024

CORRECT ORDER NUMBER MUST APPEAR
 ON ALL PACKAGES, INVOICES, AND
 SHIPPING PAPERS. QUESTIONS
 CONCERNING THIS ORDER SHOULD BE
 DIRECTED TO THE DEPARTMENT
 CONTACT.

Order Number:	CPO 0603 0603 ADJ240000001 3	Procurement Folder:	1237724
Document Name:	Buckhannon Readiness Center Renovations & Addition	Reason for Modification:	
Document Description:	CHANGE ORDER NO 2-To increase contract amount & extend	Change Order No. 2- To increase contract amount & extend contract time per the attached documentation	
Procurement Type:	Central Purchase Order		
Buyer Name:	David H Pauline		
Telephone:	304-558-0067		
Email:	david.h.pauline@wv.gov		
Shipping Method:	Best Way	Effective Start Date:	2023-09-14
Free on Board:	FOB Dest, Freight Prepaid	Effective End Date:	2025-10-03

VENDOR				DEPARTMENT CONTACT	
Vendor Customer Code:	000000201494			Requestor Name:	Charles A Bowman
CITY CONSTRUCTION COMPANY INC				Requestor Phone:	(304) 561-6654
284 FACTORY ST STE 101				Requestor Email:	charles.a.bowman26.nfg@army.mil
CLARKSBURG	WV	26301		<div style="font-size: 48pt; font-weight: bold;">24</div> <div style="font-weight: bold;">FILE LOCATION _____</div>	
US					
Vendor Contact Phone:	304-624-9457	Extension:			
Discount Details:					
	Discount Allowed	Discount Percentage	Discount Days		
#1	No	0.0000	0		
#2	Not Entered				
#3	Not Entered				
#4	Not Entered				

INVOICE TO	SHIP TO
DIVISION ENGINEERING & FACILITIES ADJUTANT GENERALS OFFICE 1707 COONSKIN DR CHARLESTON WV 25311 US	BUILDING TRADES SPECIALIST BUCKHANNON READINESS CTR 929 BRUSHY FORK RD BUCKHANNON WV 26201-2497 US

4462462

Total Order Amount: \$19,957,118.7

Purchasing Division's File Copy

JA 3-29-24

PURCHASING DIVISION AUTHORIZATION	ATTORNEY GENERAL APPROVAL AS TO FORM	ENCUMBRANCE CERTIFICATION
DATE: 4/1/2024	DATE: John S. Gray	DATE: 4-5-24
ELECTRONIC SIGNATURE ON FILE	ELECTRONIC SIGNATURE ON FILE	ELECTRONIC SIGNATURE ON FILE

4/5/2024

Extended Description:

CHANGE ORDER NO. 2 - To increase the contract amount and extend the contract time to allow for the completion of excavation and installation of Geogrid and shot rock to resolve unsuitable soil, in the motor pool area, according to all terms, conditions, and specifications contained in the original contract including all authorized change orders. The contract (unit prices, hourly rates, annual fee, etc.) is increased as defined in the attached documentation.

Original Contract Price: \$19,242,003.00
Change Order No. 2 Increase: \$715,115.70
Contract New Total: \$19,957,118.70

To Extend Contract completion date to October 3, 2025.

EFFECTIVE DATE OF CHANGE: December 14, 2023

All provisions of the original Contract and subsequent Change Orders not modified herein shall remain in full force and effect.

NO OTHER CHANGES.

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
1	72000000	0.00000		0.000000	14445103.00
Service From	Service To	Manufacturer		Model No	
2023-09-14	2025-10-03				

Commodity Line Description: Buckhannon Readiness Center Renovations- BASE BID

Extended Description:

BASE BID-Buckhannon Readiness Center Renovations & Addition per the attached documentation.

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
2	72000000	0.00000		0.000000	129950.00
Service From	Service To	Manufacturer		Model No	
2023-09-14	2025-10-03				

Commodity Line Description: Alternate Bid No. 1- Concrete Sidewalks and paving

Extended Description:

Alternate Bid No. 1- To provide concrete sidewalks, heavy-duty paving, and entrance pads as indicated on the Drawings and as specified.

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
3	72000000	0.00000		0.000000	4650000.00
Service From	Service To	Manufacturer		Model No	
2023-09-14	2025-10-03				

Commodity Line Description: Alternate Bid No. 2- Provide Maintenance Building

Extended Description:

Alternate Bid No. 2- To provide Maintenance Building Area 'D' as indicated on the Drawings and as specified.

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
4	72000000	0.00000		0.000000	16950.00
Service From	Service To	Manufacturer		Model No	
2023-09-14	2025-10-03				

Commodity Line Description: Alternate Bid No. 3- Add Security Fencing & Gates

Extended Description:

Alternate Bid No. 3- To increase the chain link fabric height of the security fencing and gates associated with the Military Equipment Parking Areas to eight (8) feet indicated on the Drawings and as specified.

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
5	72000000	0.00000		0.000000	715115.70
Service From	Service To	Manufacturer	Model No		
2023-12-14	2025-10-03				

Commodity Line Description: CHANGE ORDER NO. 2- To increase contract amount & extend

Extended Description:

Change Order No. 2- To extend contract time and to increase contract amount for the over excavation of the motor pool area because of poor soil conditions, per the attached documentation.



DEPARTMENT OF THE ARMY
ADJUTANT GENERAL'S OFFICE
JOINT FORCES HEADQUARTERS WEST VIRGINIA
1707 COONSKIN DRIVE
CHARLESTON, WEST VIRGINIA 25311-1026

APPROVED
[Signature]
3/29/24

NGWW-FMO

27 March 2024

TO: Mr. David Pauline, Senior Buyer
West Virginia Division of Purchasing

FROM: Mr. Dean Wingerd, Procurement Analyst
Office of the Adjutant General, State of West Virginia

RE: Change Order Justification
CPO-ADJ2400000001
CO#2 Buckhannon Readiness Center Renovations & Addition
City Construction Company, Inc.

This change order request for the project noted above is to increase the contract amount for the extra excavation and installation of Geogrid and shot rock to resolve unsuitable soil, in the motor pool area, and to extend the contract time to October 3, 2025. The AIA Document G701-2017 (Change Order) signed by all parties is attached to this submission. The letter dated February 12, 2024, from the agency project manager reflects this request for a cost increase and time extension to the contract and is attached to this submission. The submission of this request was delayed because of obtaining federal funds to complete this change order from the National Guard Bureau, staff vacations & illness, the Christmas holidays, the receipt of a properly executed Bond Rider and staff workload.

Per this justification, we respectfully request the approval of Change Order #2 as submitted.

The point of contact for this correspondence is the undersigned at 304-561-6629 or email at claude.d.wingerd.nfq@army.mil.

Dean Wingerd
Procurement Analyst
WV Military Authority
Construction & Facilities Management Office

AIA® Document G701® – 2017

Change Order

PROJECT: (Name and address) WVARNG Buckhannon Readiness Center	CONTRACT INFORMATION: Contract For: General Construction Date: September 14, 2023	CHANGE ORDER INFORMATION: Change Order Number: 002 Date: Dec. 15, 2023
OWNER: (Name and address) WV Army National Guard 1704 Coonskin Drive Charleston, WV 25302	ARCHITECT: (Name and address) ZMM Inc. 222 Lee Street West Charleston, WV 25302	CONTRACTOR: (Name and address) City Construction Company, Inc. 284 Factory Street, Suite 101 Clarksburg, WV 26301

THE CONTRACT IS CHANGED AS FOLLOWS:
(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

Provide all labor, materials and equipment necessary to complete the following:

CP #1: Over Excavating \$715,115.70



CP #2: No Cost Time Extension Add 210 Days

Total: \$715,115.70 Add 210 Days

The original Contract Sum was	\$ 19,242,003.00
The net change by previously authorized Change Orders	\$ 0.00
The Contract Sum prior to this Change Order was	\$ 19,242,003.00
The Contract Sum will be increased by this Change Order in the amount of	\$ 715,115.70
The new Contract Sum including this Change Order will be	\$ 19,957,118.70
The Contract Time will be increased by Two-Hundred Ten (210) days.	
The new date of Substantial Completion will be October 3, 2025	

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ZMM Inc. ARCHITECT (Firm name)  SIGNATURE Nathaniel Spencer Project Manager PRINTED NAME AND TITLE 12.15.23 DATE	City Construction Company, Inc. CONTRACTOR (Firm name)  SIGNATURE Beau T. Henderson, President PRINTED NAME AND TITLE 12/20/23 DATE	WV Army National Guard OWNER (Firm name)  SIGNATURE Beau T. Henderson PRINTED NAME AND TITLE 22 MAR 24 DATE
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City Construction Company, Inc. West Virginia Proud Since 1965

GENERAL CONTRACTING • REMODELING • COMMERCIAL • CITYCONSTRUCTIONCO@CCCWV.US
284 FACTORY STREET - SUITE 101, CLARKSBURG, WEST VIRGINIA 26301 • PHONE 304-623-2573 • FAX 304-326-2069

March 18th, 2024

Paul Richards
WVARNG
1703 Coonskin Drive
Charleston, WV 25311

Re: Change Order #2 CCC – BUCAA
CRFQ 0603 ADJ23000000300 Buckhannon Readiness Center Addition-Alteration Project
Buckhannon, WV

Dear Paul,

City Construction Company, Inc (CCC) has attached its signed Change Order #2 with the following documents:

- Its bond rider
- Its CP #1 with a cost of \$ 715,115.70
- Its cost breakdown of CP #1 - Over excavation at motor brigade parking lot area
- Its CP #2 with a no cost time extension
- Its cost breakdown of CP #2 – No cost time extension
- Its Certificate of Liability Insurance expiring 08/31/2024
- Its West Virginia Contractor License WV
- Its AIA Document G701-2017 Change Order #2

Sincerely,



Beau Henderson
President

CC: Nathan Spencer, ZMM
Amy Rhodes, ZMM
Jason McQuain, CCC
Rosetta Riggelman, CCC

March 18, 2024

WVARNG-CFMO Office
1707 Coonskin Drive
Charleston, WV 25311

Subject: Wet soils at the Buckhannon Readiness Center



To whom it may concern:

During construction of the Buckhannon Readiness Center addition, the contractor discovered wet soil in the new motor pool location. This area would not pass a proof-roll test in its current condition. The condition of the existing soil will not allow for proper installation of the hardstand paving and would lead to long-term maintenance issues in the motor pool. We contacted Steven Lowden, P.E., a senior engineer with Triad Engineering, Inc. to give us recommendations on how to proceed. Mr. Lowden's recommendations were to over-excavate the area of the entire motor pool a minimum of 38" below the bottom of the hardstand paving. This soil would be exported off-site and replaced with durable shot rock. We agree with these recommendations and believe that this is the best path forward to achieve a functional motor pool area without long-term maintenance issues for the WVARNG.

Please feel free to contact this office with any questions.

Respectfully submitted,
ZMM Architects and Engineers

A handwritten signature in blue ink, appearing to read 'NS' or similar initials, written over a light blue horizontal line.

Nathaniel H. Spencer, AIA
Architect



City Construction Company, Inc.

West Virginia Proud Since 1965

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 284 FACTORY STREET, SUITE 101 CLARKSBURG WEST VIRGINIA 26301 • PHONE 304-623-2573 • FAX 304-326-2069

December 14th, 2023

Buckhannon Readiness Center

ZMM Architects & Engineers
 222 Lee Street
 Charleston, WV 25302

Re: Cost Proposal #1 - Over Excavation and Shot Rock of Brigade Parking Area

Attn: Nathaniel Spencer

Please accept this cost proposal for over excavation of 4'6" of poor soils in the motor brigade parking area. The below costs were associated with direction given by Triad Engineering to over excavate and replace with shot rock stone. I have attached all appropriate back-up for these extra costs.

I.	CCC Onsite Project Manager - 126 hrs.	\$	8,204.00
IV.	Subcontractor - Green River Group LLC (Attached)	\$	605,097.90
V.	Subcontractor - Ascent Consulting & Engineering (Attached)	\$	3,815.00
Subtotal		\$	617,116.90
	GC Mark-Up	10.00%	\$ 61,711.69
	Additional Bonds and Insurance	3.88%	\$ 23,944.77
	B&O Tax	2.00%	\$ 12,342.34
Total Cost Proposal #1		\$	715,115.70

Please add the following number of days to contract completion date for this work:

0

Thanks,

Beau Henderson
 President

CHANGE ORDER REQUEST FORM

DATE: 03/15/24
 PROJECT: Buckhannon Readiness Center
 CONTRACTOR: GREEN RIVER GROUP LLC
 CHANGE ORDER DESCRIPTION: Replacement of Over-Excavation with Shot Rock.

MATERIAL*					
Description	Quantity (Q)	Unit of Measure (U)	Unit Cost (UC)	Total Cost (Q x UC)	Total Material Cost
					\$0.00
4" Crusher Run	11001.78	TON	\$29.13	\$320,468.65	\$0.00
					\$0.00
(A) TOTAL MATERIAL COST					\$320,468.65

SHOP LABOR*					
Trade	No. of Workers	Total Hours (H)	Total Rate w/Fringes (HR)	Total Cost (H x HR)	Total Shop Labor
					\$0.00
					\$0.00
					\$0.00
					\$0.00
(B) TOTAL SHOP LABOR					\$0.00
(C) SUBTOTAL MAT & SHOP LABOR (A+B)				\$320,468.65	
(D) 10% OH & PROFIT (C x 10%)				\$32,047.00	
(E) SUBTOTAL W/OH & PROFIT (C + D)					\$352,516.00

LABOR*					
Trade	No. of Workers	Total Hours (H)	Total Rate w/Fringes (HR)	Total Cost (H x HR)	Total Labor Cost
					\$0.00
Operator	1	484.00	\$65.71	\$31,803.64	
Operator	1	484.00	\$65.71	\$31,803.64	
Skilled Laborer	1	484.00	\$42.67	\$20,652.28	
					\$0.00
(F) SUBTOTAL LABOR					\$84,259.56
(G) 10% O & P (F x 10%)					\$8,426.00
(H) SUBTOTAL W/OH & PROFIT (F + G)					\$92,686.00

EQUIPMENT AND TOOLS*					
Equipment	Quantity (Q)	Total Hours (HR)	Rental Rate (R)	Total Cost (HR x R)	Total Equip. Cost
					\$0.00
Dozer	1	484	\$137.25	\$66,429.00	
Skidsteer	1	484	\$80.00	\$38,720.00	
Roller	1	484	\$72.00	\$34,848.00	
			Delivery Charge (If Applies)		
(I) SUBTOTAL EQUIPMENT COSTS				\$139,997.00	
(J) OH & PROFIT (I x 10%)				\$14,000.00	
(K) SUBTOTAL W/OH & PROFIT (I & J)					\$153,997.00

SUBCONTRACTORS**			
Company	Type of Work Provided	Total Cost**	Total SC Cost**
(L) SUBCONTRACTED SUBTOTAL		\$0.00	
(M) BONDS/SUBGUARD - 1%		\$5,898.90	
(N) INSURANCE			
(O) TAXES OTHER THAN SALES (BUCKHANNON B&O)			
(P) 5.00% OH. & PROFIT (ON SUBTOTAL)		\$0.00	
(Q) TOTAL SUBCONTRTS, BONDS, INS, TAXES (L+M+N+O+P)			\$5,898.90

SUMMARY		
TOTAL MATERIAL & SHOP LABOR (E)	\$352,516.00	
TOTAL LABOR (H)	\$92,686.00	
TOTAL EQUIPMENT (K)	\$153,997.00	
TOTAL SUBCONTRACTS, BONDS, INS & TAXES (Q)	\$5,898.90	
*LESS DEDUCTS (Detail Separately Using Same Format) (R)	\$0.00	
TOTAL PROPOSAL (E+H+K+Q-R):		\$605,097.90

Price/Ton
\$55.00

* TYPE IN A NEGATIVE NUMBER
 **INSERT EXTRA LINES, IF NEEDED.

Contractor's Signature

Crushed Limestone
Asphalt & Asphalt Paving

J.F. ALLEN COMPANY

PO Box 2049, Buckhannon, WV 26201

Phone: (304) 472-8890

Fax: (304) 472-8897

This is your invoice.
We do not itemize again.

Terms: Net 30 Days, Date of Invoice
Finance Charge: 1.5% Per Month (18% Per Annum)

Bill To:
GREEN RIVER GROUP
714 VENTURE DRIVE #180
MORGANTOWN, WV 26508

Invoice: 23115-40433
Date: Nov 13/23
Cust Acct # 37920
Contact:
PO Number: ARMORY

Job Info: Customer Job: 15ARMORY

Ticket #	Tkt Date	Description	Qty	UOM	Price	Subtotal	Fr/Tn	Freight	Total
15712001	Nov 09/23	4" CRUSHER RUN	24.52	TN	19.00	465.88	8.48	207.93	673.81
15712010	Nov 09/23	4" CRUSHER RUN	22.90	TN	19.00	435.10	8.48	194.19	629.29
15712011	Nov 09/23	4" CRUSHER RUN	23.48	TN	19.00	446.12	8.48	199.11	645.23
15712018	Nov 09/23	4" CRUSHER RUN	22.93	TN	19.00	435.87	8.48	194.45	630.12
15712021	Nov 09/23	4" CRUSHER RUN	23.81	TN	19.00	452.39	8.48	201.91	654.30
15712101	Nov 13/23	4" CRUSHER RUN	22.88	TN	19.00	434.72	8.48	194.02	628.74
15712118	Nov 13/23	4" CRUSHER RUN	23.00	TN	19.00	437.00	8.48	195.04	632.04
15712119	Nov 13/23	4" CRUSHER RUN	22.11	TN	19.00	420.09	8.48	187.49	607.58
15712120	Nov 13/23	4" CRUSHER RUN	22.52	TN	19.00	427.88	8.48	190.97	618.85
15712137	Nov 13/23	4" CRUSHER RUN	23.13	TN	19.00	439.47	8.48	196.14	635.61
15712139	Nov 13/23	4" CRUSHER RUN	22.67	TN	19.00	430.73	8.48	192.24	622.97
15712140	Nov 13/23	4" CRUSHER RUN	22.75	TN	19.00	432.25	8.48	192.92	625.17
15712155	Nov 13/23	4" CRUSHER RUN	23.21	TN	19.00	440.99	8.48	196.82	637.81
15712156	Nov 13/23	4" CRUSHER RUN	22.66	TN	19.00	430.54	8.48	192.16	622.70
15712158	Nov 13/23	4" CRUSHER RUN	23.10	TN	19.00	438.90	8.48	195.89	634.79
15712166	Nov 13/23	4" CRUSHER RUN	22.16	TN	19.00	421.04	8.48	187.92	608.96
15712170	Nov 13/23	4" CRUSHER RUN	23.37	TN	19.00	444.03	8.48	198.18	642.21
15712172	Nov 13/23	4" CRUSHER RUN	24.10	TN	19.00	457.90	8.48	204.37	662.27
15712176	Nov 13/23	4" CRUSHER RUN	23.03	TN	19.00	437.57	8.48	195.29	632.86
15712180	Nov 13/23	4" CRUSHER RUN	23.88	TN	19.00	453.72	8.48	202.50	656.22
15712188	Nov 13/23	4" CRUSHER RUN	23.99	TN	19.00	455.81	8.48	203.44	659.25
15712192	Nov 13/23	4" CRUSHER RUN	23.99	TN	19.00	455.81	8.48	203.44	659.25

Blank box for stamp or signature.

Subtotal:
Sales Tax: *6 1/2%*
Total:



GREEN RIVER GROUP_{LLC}
BUCKHANNON READINESS

SHOT ROCK DAILY QUANTITIES

11/13	11/14	11/15	11/16	11/17	
22.88	23.08	24.05	23.07	23.85	
23.00	22.91	22.86	24.89	24.81	
22.11	21.93	24.19	22.91	24.01	
22.52	22.94	24.32	24.92	23.91	
23.13	22.64	24.26	22.63	23.95	
22.67	23.74	24.23	22.93	22.79	
22.75	23.82	22.97	24.29	24.07	
23.21	23.40	23.91	22.85	24.18	
22.66	23.35	24.22	24.67	23.96	
23.10	23.05	23.73	23.53	22.53	
22.16	23.22	24.54	23.86	23.66	
23.37	23.92	23.82	23.56	24.44	
24.10	24.05	23.00	24.22	23.32	
23.03	22.99	25.32	24.17	24.09	
23.88	23.16	24.15	22.90	24.30	
23.99	23.82	23.89	23.45	24.17	
23.99	24.13	23.03	23.83	22.95	
24.35	22.86	25.35	25.01	24.50	
23.79	24.69	23.83	23.94	24.67	
25.03	23.03	24.15	24.16	24.57	
24.17	23.97	23.74	24.77	24.49	
24.07	24.35	24.08	24.37	24.05	
	25.02	24.21	23.40	23.77	
	22.09	24.15	23.67		
	22.16	23.72	24.04		
	23.56	23.07	22.42		
	23.14	25.36	23.65		
	23.60	24.47	23.87		
	23.25	23.93	23.92		
	25.07	24.10	24.39		
	24.11	24.07	24.52		
	24.06				
	23.89				
513.96	775.00	744.72	738.81	551.04	3323.53



GREEN RIVER GROUP^{LLC}
BUCKHANNON READINESS

SHOT ROCK DAILY QUANTITIES

11/20	11/21	11/22	THANKSGIVING		
23.53	23.55	23.99			
24.51	22.98	25.69			
22.43	23.84	23.60			
22.98	23.66	22.21			
22.56	22.95	23.02			
23.06	24.61	23.37			
23.55	23.89	23.71			
23.60	22.91	24.28			
24.82	24.58	22.09			
22.67	23.89	23.07			
23.70	22.74	23.54			
23.03	24.50	23.83			
23.47	23.92	24.94			
24.21	22.98	22.87			
23.16	24.65	22.91			
23.59	24.58	22.36			
22.98	23.97	24.05			
23.83	23.00	24.35			
25.45	25.69	22.54			
23.30	24.70	23.39			
25.45	24.45	25.34			
24.13		23.14			
23.86		24.27			
24.27		23.94			
24.61		23.97			
24.18		22.87			
24.40		22.60			
24.49		23.63			
24.25		23.99			
23.77		23.17			
23.01		24.15			
		23.85			
		22.99			
736.65	502.04	777.72	0.00	0.00	2016.41



GREEN RIVER GROUP_{LLC}

BUCKHANNON READINESS

SHOT ROCK DAILY QUANTITIES

11/27	11/28	11/29	11/30	12/1	
24.02		24.60	23.14	24.74	
23.04		22.89	23.38	24.35	
24.83		23.41	22.69	22.93	
24.05		23.74	23.61	23.56	
24.07		23.76	23.85	23.67	
23.72		23.78	23.02	24.30	
24.90		24.13	23.46	23.65	
22.80		24.37	23.56	23.82	
24.09		23.70	23.85	24.45	
22.69		24.80	22.99	26.04	
24.53		24.28	23.90	22.07	
24.24		24.07	24.03	22.01	
24.39		23.46	24.17	24.05	
24.07		24.22	24.65	24.15	
22.92		24.14	23.80	23.00	
24.08		24.63	22.35	22.67	
22.80		24.15	24.86	23.60	
24.17		24.36	24.76		
24.28		23.92	24.12		
24.24		25.28	23.96		
22.94		24.80	23.08		
24.08		23.47	25.22		
24.14		24.36	24.20		
22.64		22.49	24.06		
24.24		24.59	24.64		
24.19		24.41	23.96		
22.97		23.37	22.95		
24.23		22.90	23.74		
24.17		23.58	24.10		
24.30		24.67	23.88		
24.64		23.90	24.10		
22.86		22.89	24.43		
24.21		24.95	22.21		
24.32		22.99	23.72		
24.38		24.00	24.93		
24.31		23.88	23.74		
24.15		22.34	23.86		
23.53		24.60	23.51		
25.35		25.34	22.10		
24.13		24.74	23.25		
23.23		24.38	24.09		
24.36		24.03	24.14		
24.46		23.43	23.81		
24.94		24.56	22.89		
24.54		24.45	24.81		
24.26		25.37			
24.92					
25.37					
24.82					
1178.61	0.00	1106.18	1069.57	403.06	3757.42



GREEN RIVER GROUP, LLC

BUCKHANNON READINESS

SHOT ROCK DAILY QUANTITIES

12/4	12/5	12/6	12/7	12/8	
24.49	24.09				
23.82	23.99				
24.50	24.21				
24.58	22.88				
24.38	24.83				
24.45	24.41				
22.88	24.68				
24.25	25.11				
24.00	23.06				
23.85					
24.63					
24.45					
22.50					
24.37					
22.80					
23.93					
24.21					
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24.21					
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23.78					
24.42					
22.68					
24.66					
24.02					
24.37					
22.20					
23.74					
24.14					
24.56					
24.49					
24.69					
1008.00	217.26	0.00	0.00	0.00	1225.26



November 3, 2023

Mr. Jeremy Sayre
ZMM Architects & Engineers
222 Lee Street,
West Charleston, WV 25302

RE: Post Design Service - Geotechnical Recommendations
Buckhannon ARFC Addition
Buckhannon, West Virginia
Triad Proposal No. 01-23-0408 (04-21-0076 CO)

Dear Mr. Sayre:

Triad Engineering (Triad) has completed an engineering evaluation for the parking area subgrade and the unheated Storage Building subgrade. You provided authorization to proceed with this project by our receipt of the Professional Services Agreement, dated November 1, 2023. The purpose of this investigation is to assess subgrade problems and provide a solution.

PROJECT DESCRIPTION

We understand that the Military Equipment Parking area will be relocated west of the existing parking area. We also understand that the existing gravel surface and gravel base material are planned to be reused when the parking area is relocated.

After cutting and filling the area to prepare the parking lot subgrade, the proposed parking lot pavement section will consist of a 16-inch section comprised of approximately 3 inches of Crushed Gravel with Silt and Sand (WVDOH Class 8 and Class 3 - WVDOH Standard Specifications for Roads and Bridges Section 704.6.2a) over 13 inches of Gravel (AASHTO No. 1 and No.2 Aggregate - WVDOH Standard Specifications for Roads and Bridges Section 703.4).

Additionally, an unheated Steel Metal Storage Building is planned to be located in the approximate center of the new parking lot. This planned Steel Metal Storage Building will utilize spread foundations at a depth of 30 inches. The proposed finished floor elevation is 1425.70 feet. The final grade elevation of the parking lot ranges from approximately 1423 to 1428.5 feet.

DISCUSSION

During a field visit on October 18, 2023, Triad observed several test pits and excavated areas. The problem soils were observed to pump even without a proofroll test. The observed soils were well above their optimum moisture content. These wet, unstable soils were observed in several locations within the footprint of the proposed parking area. Based on our observations made during our site visit, prepared subgrades will likely not be acceptable for placement of the pavement section or fill without subgrade improvements. In addition, these soils will also be too

wet re-use in site fills without moisture conditioning.

Although no borings were performed in this area during the previous subsurface investigation, the soil stratas sampled in nearby borings U-4 and U-5 from a report prepared by Triad dated May 27, 2021, likely indicate these soils could be 10 to 20 feet deep. Although the moisture of these soils with depth were not evaluated, it is our assessment based on current conditions that an improved subgrade condition would not be encountered immediately below the existing subgrade.

Due to the time of the year, it is unlikely that these wet, unstable soils can be dried back using conventional construction techniques such as discing or wind rowing. It is anticipated that to keep construction moving an alternate borrow source would be required to provide dry material and the excavated soils would need to be spoiled off-site. Based on our conversation with the design and construction team, sufficient properly conditioned soil is unavailable on site to borrow and replace the wet, unstable soils.

Often times during periods of wet weather, lime or Portland cement is mixed with the soil to dry it and enable it to be used as fill. It can also be used to firm up a subgrade to provide a firm base for fill or pavement placement. Mixing of the soils with cement and lime typically requires specialized mixing equipment such as roadway reclaimers and can be labor intensive and result in high material costs. Discussions with the contractor concluded that lime or Portland cement stabilization is not feasible.

Therefore, based on materials readily available to the contractor, two alternatives have been developed to provide a subgrade that will perform well for the proposed parking lot, augmenting the current pavement design section. The first alternative requires some over-excavation in cut areas and replacement with durable shot rock and the use of shot rock as fill in areas that need to be raised. The second alternative requires a geogrid reinforced section in combination with backfilling low areas with shot rock. The first alternative is a more robust alternative which should result in better longevity of the parking lot. The second alternative, a geogrid reinforced alternative will be less robust, repairs and maintenance to the parking lot should be anticipated depending on the loads encountered.

Additionally, separate recommendations have been developed for the footprint of the proposed unheated steel metal storage building, which is planned to be constructed in the center of the proposed parking area.

RECOMMENDATIONS

Alternative One – Durable Shot Rock

A minimum design section of 4.5 feet is recommended for the parking area. This design section will consist of the current 16-inch pavement section underlain by a minimum of 38 inches of durable shot rock. Where the existing topography will not allow for this 4.5-foot design section, over-excavation is recommended to achieve the 4.5-foot thick design section. In low areas that would exceed the 4.5-foot minimum design section, the low areas should also be backfilled with durable shot rock. Specifications for the durable shot rock are provided below. This material should be placed with a maximum lift thickness of 10 inches. The subgrade should be substantially stabilized with the first layer. Subsequent layers of durable shot rock should be compacted to visual non-movement criteria.

Alternative Two – Geogrid Section

This alternative consists of a 16-inch aggregate pavement section over a single layer of Tensar NX850 geogrid. The minimum pavement section is recommended to consist of the original 16-inch pavement section except the bottom 2 inches overlying a layer of Tensar NX850 geogrid is comprised of 2 inches of AASHTO No. 57 Coarse Aggregate (as defined in WVDOH Standard Specifications for Roads and Bridges Section 703.4) to protect the grid from the larger AASHTO No. 1 and No.2 Coarse Aggregate. Low areas are recommended to be filled with durable shot rock in a similar manner as describe in Alternative One.

This alternative is anticipated to rut approximately 1 inch overtime and will need to be periodically maintained to prevent long-term ponding of water which could further degrade the performance of this surface over time. This alternative has the added disadvantage of being more difficult to construct as all work will need to start from a stable location and work out radially. The geogrid will need to be placed by hand without machinery running on the subgrade. Subsequently the layers of gravel will need to be pushed over the geogrid until a stable subgrade is achieved and equipment can operate on the area.

Durable Shot Rock

Durable Shot Rock shall be siltstone, limestone, or sandstone having a maximum weighted loss of 30 percent (30%) when subjected to five cycles of sodium sulfate soundness test, MP 703.00.22. Broken concrete from a source approved by the Engineer may be furnished. The rock shall have dimensions not exceeding 6 inches in any dimension and visually meet the gradation criteria below. Thin Slab-like pieces of rock shall not be used.

DURABLE SHOT ROCK							
Laboratory Sieve Openings	6 " 150 mm	2" 50mm	1.5" 37.5mm	1" 25mm	3/4" 19mm	#40 425um	#200 75um
% by Weight	100		0-20				0-10

Metal Storage Building Foundation Preparation

The area of the Metal Storage Building's footprint plus 5 feet on each side should be treated similar to Alternative One with durable shot rock to a minimum depth of 4.5 feet. The upper 36 inches should be backfilled with AASHTO No. 57 Coarse Aggregate. Excavations for the spread foundations and utilities should be easy after constructing with AASHTO No. 57 or excavating and backfilling this footprint with AASHTO No. 57. Additionally, this should provide the slab on grade with acceptable support.

Limitations

This letter report has been prepared for the exclusive use of ZMM Architects and Engineers for specific application to the Buckhannon AFRC Project in Buckhannon, West Virginia. Triad's responsibilities and liabilities are limited to our Client and apply only to their use of our report for the purposes described above.

The conclusions and recommendations contained in this report are based, in part, upon our field observations and data obtained from the Report of Geotechnical Exploration. The nature and extent of variations which may exist, may not yet be apparent. If variations appear evident, it may be necessary to re-evaluate the recommendations presented herein. Similarly, in the event that any changes in the nature, design, or location of the facilities are planned, the conclusions and recommendations contained herein shall not be considered valid unless the changes are reviewed and the conclusions are modified or verified in writing by Triad.

If you have any questions, or require additional information, please do not hesitate to contact us.

Sincerely,

TRIAD ENGINEERING, INC.



Steven D. Lowden, P.E.
Senior Engineer



David W. Hooper, P.E.
Principal Engineer

Attachments: Tensar InterAx NX850 Specification



Tensor International Corporation reserves the right to change its product specifications at any time. It is the responsibility of the person specifying the use of this product and of the purchaser to ensure that product specifications relied upon for design or procurement purposes are current and that the product is suitable for its intended use in each instance.

Project Performance Specification

InterAx™ NX850 with Lees approach to Applied Mechanical Stabilization

1. The design shall consist of a Mechanically Stabilized Layer (MSL) of defined thickness 27.25in and target surface rut depth limited to 1in after a dynamically imposed traffic load defined by:
 - A. Critical loading case whereby each unique vehicle is evaluated for the maximum axle load, axle passes, wheel configuration, tire pressure, and wheel wander.
2. The design shall take into account sub-grade soils with low plasticity clay and a CBR of 1%. The specified Subgrade Protection Level of "Protected" shall permit a subgrade rut of ≤ 0.25 in after 2,400 ESALs.
3. An enhanced resilient modulus M_r of 16,000psi at the surface shall be achieved. This value shall be based on a composite resilient modulus model developed for geogrid stabilized sections. The model should be validated by a minimum of 100 automated plate load tests.
4. The Mechanically stabilized Layer (MSL) shall consist of two main components:
 1. The geogrid component NX850 shall be manufactured from a coextruded, composite polymer sheet, which is then punched and oriented. The resulting structure consists of continuous and non-continuous ribs forming three aperture geometries (hexagon, trapezoid, and triangle) and an unimpeded suspended hexagon.
 2. The granular component shall be a well graded granular fill with $25 \text{ mm} \leq D_{100} \leq 90 \text{ mm}$ and $10 \text{ mm} \leq D_{50} \leq 35 \text{ mm}$.
5. The defined mechanically stabilized layer thickness is to act as an unpaved road to carry dynamically imposed loading from the defined wheel loading and wheel configuration to meet the project performance targets defined above. The design assessments are based on the derivation of project specific load transfer efficiency of the resulting mechanically stabilized layer incorporating the specific Tensor stabilization geogrid(s).
6. The load transfer efficiency and general behaviour of the MSL cannot be derived theoretically or by assessment of individual component properties. The composite behaviour of the aggregate and stabilization geogrid composite layer must be determined by all of the following:
 1. A suitable constitutive model to simulate mechanically stabilized aggregate material behaviour. Material parameters are determined using a large 0.5 m diameter triaxial test on the aggregate and geogrid combinations to determine stabilized strength of the resulting composite layer.
 2. Simulation of the application in FEA validated by full-scale testing (to suit the application)
 3. An extensive parametric study to derive relationships between MSL-specific load transfer efficiency and subgrade types and strengths for the design method adopted
 4. Full scale testing of mechanically stabilized aggregate layers with the same geogrid products to bearing capacity failure to demonstrate and quantify the stabilization geogrid benefit
7. To achieve the specified surface rut in the aggregate surface of the unpaved road, the composite behaviour of the MSL should be derived by all of the following:
 1. Testing of a specific mechanically stabilized layer in a large triaxial complemented by cyclic large triaxial testing to an appropriate number of cycles at a range of appropriate confining stresses and cyclic stress amplitudes to determine the characteristics of permanent deformation accumulation in the stabilized aggregate.
 2. Development of a specific hyperbolic relationship between mobilised bearing capacity and permanent deformation of the specific MSL for both subgrade and stabilized aggregate deformation.
 3. Full-scale plate load testing on the specific MSL to full bearing capacity failure without a subgrade to validate the calculation of bearing capacity in the stabilized aggregate.
 4. Assess specific permanent deformation accumulation under trafficking with full scale trafficking on the specific MSL on weaker sub-grade.
8. Any alternative proposals or products shall be submitted as a technical submission including quantified and third party reviewed structural contribution of the proposed geogrid within a trafficking assessment to demonstrate the equivalent performance of the alternative composite construction along with the supporting test data, at least three weeks prior to the required product approval date.
9. The associated characteristics for the Tensor InterAx geogrid are included below. It should be noted that the use of index properties or performance characteristics for any alternative geogrid in isolation, such as tensile properties measured in air, or quality control data, will not be accepted as an adequate demonstration of equivalent trafficking performance.

InterAx™ NX850 Properties	Test/Measurement Method	General
Aperture shapes		Hexagonal, Trapezoidal, & Triangular
Structure		Coextruded & Integrally Formed
Rib shape		Rectangular
Continuous parallel rib pitch	Nominal	80 mm (3.2 in)
Rib aspect ratio ²		> 1.0
Node thickness	Nominal	4.5 mm (0.18 in)
Color identification		White / Black / White

Notes

1. Unless indicated otherwise, values shown are minimum average roll values determined in accordance with ASTM D4759-02
2. Ratio of the mid-rib depth to the mid-rib width

Dimensions and Delivery

The geogrid shall be delivered to the jobsite in roll form with each roll individually identified and nominally measuring 3.6 meters (12.5 feet) in width by 60 meters (197 feet) in length.

Tensar International Corporation
2500 Northwinds Pkwy., Ste. 500
Atlanta, Georgia 30009
Phone: 800-TENSAR-1
www.tensarcorp.com

Limitations of this Report

You undertake to only use the Tensar® software tool and its output solely to evaluate the application of Tensar geogrids, and strictly according to the Terms of Use. The suitability of the software output and Tensar International's geogrids for any project is the sole responsibility of you, and your employees, contractors or other third parties who access the Tensar® software tool and its output ("Your Associates"). The Tensar® software output is merely illustrative and is not a detailed design. You will ensure that you and Your Associates have undergone all necessary training through Tensar International and/or have the necessary expertise and experience to use the Tensar® software tool and its output correctly and safely. Copyright in the Tensar® software output belongs to Tensar International. It may not be reproduced in whole or in part without the prior written permission of Tensar International except to Your Associates provided it is only disclosed for the purpose of evaluating the commercial application for the use of Tensar International's geogrids, and you are fully liable for Your Associates' acts or omissions. The Tensar® software output does not form the whole or any part of a contract.

Jason McQuain

From: Jason McQuain
Sent: Monday, October 30, 2023 12:56 PM
To: Steven Lowden
Subject: Buckhannon Readiness

See unit prices for the 3 options you had asked for at Buckhannon.

1. Replacement of Over excavation with shot rock - \$ 65.00 per ton
2. Replacement of Over excavation with crusher run - \$ 55.00 per ton
3. Replacement of Over excavation with AASHTO #1 stone - \$ 60.00 per ton
4. ACF BX12 Geogrid Supply/Place - \$ 6.50 per sq yd

Thanks,



284 Factory St. Suite 101
Clarksburg, WV 26301
C-304-844-8160
P-304-623-2573
F-304-326-2069

Jason McQuain

From: Steven Lowden <slowden@triadeng.com>
Sent: Wednesday, November 8, 2023 11:09 AM
To: Jason McQuain
Cc: Matthew Shepherd; jfox@greenrivergroupllc.com
Subject: RE: Shot Rock Buckhannon

Confirmed. I spoke to John Fox and approved the use of the Shot rock with 25% fines but otherwise meeting the spec.

I asked John to be prudent and use the cleaner portions of the rock in the lowest areas and where water is obviously going to run.

Steven D. Lowden, P.E.
Senior Engineer

Triad Engineering, Inc.
(724) 591-0567
[LinkedIn](#) | [Facebook](#) | www.triadeng.com

This email is only for the intended recipient and may contain information that is privileged, confidential, or exempt from disclosure under law. If you received this message in error or are not the intended recipient, please notify the sender and destroy this message.

From: Jason McQuain <Jason@cccwv.us>
Sent: Wednesday, November 8, 2023 10:26 AM
To: Steven Lowden <slowden@triadeng.com>
Cc: Matthew Shepherd <mshpherd@greenrivergroupllc.com>; jfox@greenrivergroupllc.com
Subject: Shot Rock Buckhannon

CAUTION: This email originated from an external sender. Do not click any links or open any attachments unless you recognize the sender and know the content is safe!

Steve,

I know you and John Fox spoke about the shot rock being supplied from JF Allen this morning. Can you please verify through this email thread that the shot rock we are getting with a little more fines in it is acceptable to use at Buckhannon.

Thanks,



Ascent Consulting and Engineering, LLC
 1700 Anmoore Road
 Bridgeport, WV 26330
 304-933-3463
 ap@ascentconsultingengineers.com
 www.ascentconsultingengineers.com



#5700.10
 C-3009.100
 B-R-Letter

CITY CONSTRUCTION CO
 accounting@cccwv.us
 284 FACTORY ST
 Clarksburg, WV 26301

Invoice Number: 3544-2
 Date: 11/3/2023
 Project #: 3544

City Construction-Buckhannon Readiness Center

Professional Services

Professional Services

	Date	Hours	Rate	Amount
Materials Testing Technician				
Kropp, William	10/19/2023	4.00	67.00	\$268.00
Kropp, William	10/25/2023	4.00	67.00	\$268.00
Robinson, Nicholas	10/26/2023	2.50	67.00	\$167.50
Total Professional Services		10.50		\$703.50

Other Charges

	Date	Qty	Rate	Amount
Equipment Fee	10/26/2023	3.00	100.00	\$300.00
Total Other Charges				\$300.00

Invoice Amount **\$1,003.50**

Invoice shall be paid within 30 days of billing. A finance charge of 2% may be applied on any outstanding balance over 30 days from invoice date.

Ascent Consulting and Engineering, LLC
 1700 Anmoore Road
 Bridgeport, WV 26330
 304-933-3463
 ap@ascentwv.com
 www.ascentwv.com



CITY CONSTRUCTION CO
 accounting@cccwv.us
 284 FACTORY ST
 Clarksburg, WV 26301

5700.10
 23009.100
 BRL

Invoice Number: 3544-3
 Date: 12/4/2023
 Project #: 3544

11/1/2023

City Construction-Buckhannon Readiness Center

Professional Services

Professional Services

	Date	Hours	Rate	Amount
Materials Testing Technician				
Robinson, Nicholas	11/1/2023	3.00	67.00	\$201.00
Gray, Brian	11/8/2023	4.50	67.00	\$301.50
Total Professional Services		7.50		\$502.50

Other Charges

	Date	Qty	Rate	Amount
Equipment Fee	11/8/2023	2.00	100.00	\$200.00
Total Other Charges				\$200.00
Invoice Amount				\$702.50

Invoice shall be paid within 30 days of billing. A finance charge of 2% may be applied on any outstanding balance over 30 days from invoice date.

Ascent Consulting and Engineering, LLC
 1700 Anmoore Road
 Bridgeport, WV 26330
 304-933-3463
 ap@ascentconsultingengineers.com
 www.ascentconsultingengineers.com



#5700.10
 C23009.100
 BRC

CITY CONSTRUCTION CO
 accounting@cccwv.us
 284 FACTORY ST
 Clarksburg, WV 26301

Invoice Number: 3544-1
 Date: 10/20/2023
 Project #: 3544

City Construction-Buckhannon Readiness Center

Professional Services

115605

Professional Services

	Date	Hours	Rate	Amount
Materials Testing Technician				
Michno, Devon	10/10/2023	7.00	67.00	\$469.00
Santee, Hunter	10/11/2023	9.50	67.00	\$636.50
Harman, Steve	10/12/2023	7.50	67.00	\$502.50
Santee, Hunter	10/12/2023	3.00	67.00	\$201.00
Total Professional Services		27.00		\$1,809.00

Other Charges

	Date	Qty	Rate	Amount
Equipment Fee	10/12/2023	3.00	100.00	\$300.00
Total Other Charges				\$300.00

Invoice Amount **\$2,109.00**

Invoice shall be paid within 30 days of billing. A finance charge of 2% may be applied on any outstanding balance over 30 days from invoice date.

City Construction Company, Inc. *West Virginia Proud Since 1965*

GENERAL CONTRACTING • REMODELING • COMMERCIAL • CITYCONSTRUCTIONCO@CCCWV.US
284 FACTORY STREET - SUITE 101, CLARKSBURG, WEST VIRGINIA 26301 • PHONE 304-623-2573 • FAX 304-326-2069

December 14th, 2023

Zmm Architects Engineers
222 Lee Street, West
Charleston, WV 25302

Re: Buckhannon Readiness Center
Attn: Nathaniel Spencer

Cost Proposal #2

Please except this cost proposal to add 210 days to our contract per the bid form submitted. Bid Form dated 6/29/2023 (attached) stated to list days with each alternate. Alternate bid #1 we submitted 30 additional days to base bid construction period. Alternate bid #2 we submitted 180 days to base bid construction period. This adds up to 210 days that should have been included in our contract once alternates were accepted.

I. City Construction Company No Cost

Subtotal No Cost

Total Cost Proposal 2 No Cost

All of these issues are extremely time sensitive due to cost increase, please respond in a timely fashion. Prices subject to change without notice until firm order or directive are given.

Please add the following number of days to contract completion date for this work: 210

Thanks,
Jason McQuain, Project Manager

BID FORM

DATED: 6/29/2023
(Bidder to insert date bid submitted)

SUBMITTED BY: (Name and Address)

WEST VIRGINIA CONTRACTOR LICENSE NUMBER: WV 001801

SUBMITTED TO: State of West Virginia

The undersigned, being familiar with local conditions affecting the cost of the work and the contract documents, including Instructions to Bidders, Bid Form, General Conditions, Drawings, and Specifications and any Addenda issued, hereby propose to perform everything required to be performed and to provide and furnish all the labor, materials, tools, expendable equipment and all services necessary to complete in a workmanlike manner all the work required for:

**Additions and Renovations To The
Buckhannon Readiness Center
For The
West Virginia Army National Guard
Buckhannon, West Virginia**

all in accordance with the Drawings and Specifications as prepared by ZMM, Inc. Architects and Engineers, 222 Lee Street West, Charleston, West Virginia 25302, (304) 342-0159.

BASE BID:

For the sum of: Fourteen million four hundred forty five thousand one hundred
three dollars (\$ 14,445,103.00).

ALTERNATES:

The stated Base Bid is subject to the following additions or deductions for Alternates which the Owner may select. ('Provide' means 'furnish and install.' Include in bids below all related coordination and modification requirements associated with the Work of each Alternate.) Reference Section 012300 "Alternates".

Add-Alternate Bid No. 1 - To provide concrete sidewalks, heavy-duty paving, and entrance pads as indicated on the Drawings and as specified. If Add-Alternate Bid No. 1 is accepted,

ADD to Base Bid the sum of: One hundred twenty nine thousand nine hundred fifty dollars
(\$ 129,950.00).

For Add-Alternate No.1: ADD 30 days to Base Bid Construction Period.

Add-Alternate Bid No. 2 - To provide Maintenance Building Area 'D' as indicated on the Drawings and as specified. If Add-Alternate Bid No. 2 is accepted,

ADD to Base Bid the sum of: Four million six hundred fifty thousand dollars
_____ (\$ 4,650,000.00).

For Add-Alternate No. 2: ADD 180 days to Base Bid Construction Period.

Add-Alternate Bid No. 3 - To increase the chain link fabric height of the security fencing and gates associated with the Military Equipment Parking Areas to eight feet as indicated on the Drawings and as specified. Force protection gates are not included in the upgrade. If Add-Alternate Bid No. 3 is accepted,

ADD to Base Bid the sum of: Sixteen thousand nine hundred fifty dollars
_____ (\$ 16,950.00).

For Add-Alternate No. 3: ADD 0 days to Base Bid Construction Period.

If awarded contract on Base Bid, I (we) agree to perform the work including base bid to substantial completion (or-beneficial occupancy) within **540 days**.

The Bidder understands that the Owner may impose liquidated damages in the amount stated in and, in accordance with, the Special Conditions, for each day thereafter, Sundays and holidays included, that the Work remains uncompleted, which sum is agreed upon as the proper measure of liquidated damages which the Owner will sustain per diem by the failure of the Bidder to complete the Work in the stipulated time, and the sum is not to be construed in any sense a penalty. Liquidated damages will be assessed at substantial completion for the base bid and all alternates accepted by the Government.

It is hereby certified that the undersigned is the only person(s) interested in this proposal as principal, and the proposal is made without collusion with any person, firm, or corporation. Bidder hereby agrees to execute the contract and furnish surety company bonds, in the forms incorporated in the contract documents, in the amount of one hundred (100%) percent of the contract price for performance, including maintenance, and for payment for labor and materials, respectively at the time required by the bidding documents, and to begin work within five (5) days following receipt of Notice to Proceed.

The Bidder certifies that this bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this bid with any other bidder or with any competitor.

The Bidder agrees that the Owner reserves the right to reject any or all bids, and to waive any formalities in the bidding. The Bidder agrees that this bid shall be good and may not be withdrawn for a period of 90 days.

The Bidder acknowledges receipt of the following Addenda: (Please list by number and date.)

#1 - 6/22/2023 _____

Bidder guarantees that, if awarded the contract, he will furnish and deliver all materials, tools, equipment, tests, transportation, secure all permits and licenses, and perform all labor, superintendence and all means of construction, pay all fees, except those specifically excluded in the Project Manual and do all incidental work to execute, construct, and finish the work.

Work shall progress in an expeditious and workmanlike manner, in accordance with the contract documents to the complete satisfaction and acceptance of the Owner, for the prices stated.

It is understood that the Owner reserves the right to reject any/or all proposals, or part thereof or items therein, and to waive technicalities as required for the best interests of the Owner. It is further understood that competency and responsibility of bidders will receive consideration before the award of the contract.

The undersigned agrees that the contract documents are incorporated herein by reference and shall be construed to be part thereof, with the same affect as if such were repeated at length herein, or where physically attached hereto.

The undersigned further certifies that: (1) this proposal is genuine and is not sham, collusive, or fraudulent; (2) this proposal is not made in the interest or in behalf of any person other than the undersigned; (3) the undersigned has not sought in any manner, by collusion or otherwise, to secure any advantage over any other bidders.

Enclosed herewith is a bid security prepared in accordance with the Instructions to Bidders in the amount of five percent (5%) of the amount of the bid (being not less than 5% of the total of the base bid).

We agree that the above stated amount is the proper measure of liquidated damages which the owner will sustain by our failure to execute the contract and to furnish the performance bond in case this proposal is accepted.

SIGNATURE OF BIDDER:

Firm: City Construction Company, Inc.

By: 

Print or Type Name of person authorized to sign contract on behalf of Bidder:

Beau Henderson

Address: 284 Factory Street, Suite 101

Title: President

Address: Clarksburg, WV 26301

Phone: 304-623-2573

Address: _____

Fax: 304-326-2069

END OF BID FORM

December 15, 2023



Mr. Beau Henderson
City Construction Company, Inc.
284 Factory Street, Ste. 101
Clarksburg, WV 26301

VIA EMAIL

RE: WVARNG Buckhannon Readiness Center - 20072

Dear Mr. Henderson:

Attached is a copy of Change Order 002 for work changes by City Construction Co., Inc. at the above referenced project. Upon approval, please return a signed color copy to this office.

Please contact ZMM, Inc. with any questions.

Thank you,

Amy L. Rhodes
Construction Administrative Assistant

Blacksburg
200 Country Club Drive SW
Plaza One, Building E
Blacksburg, Virginia 24060
540-552-2151

Charleston
222 Lee Street West
Charleston, West Virginia 25302
304-342-0159
www.zmm.com

Martinsburg
5550 Winchester Avenue
Berkeley Business Park, Suite 5
Martinsburg, West Virginia 25405
304-342-0159

**West Virginia Army National Guard
Construction & Facilities Management Office**

1703 Coonskin Drive
Charleston, West Virginia, 25311-1085

FMO-OTR-

12 February 2024

Mrs. Lyle,

Please find the following change order packet for the subject contract (CPOADJ240000001). This change order is for unsuitable soil conditions at the Buckhannon Readiness Center Addition / Alteration Readiness Center. The project is located in Buckhannon, West Virginia. A description of the services is provided below.

We request a courtesy call if there are any problems associated with the attached change order so that we may have an opportunity to address the issue in a timely manner. The point of contact for this change order is Paul Richards at (304) 561-6548.

1. Itemized Changes:

a. Item #1: Unsuitable Soil Conditions at the Buckhannon Readiness Center Addition / Alteration

1. Description of work: Over excavate the area beyond what was designed (4.5 ft beyond). Install Geogrid (Geosynthetic material) and fill the affected area with shot rock.

1. Justification for Change:

- (a) Facts: Unsuitable soil was found at the job site in the location of the new motor pool. This condition was not discovered during the initial GEO Tech investigation (unforeseen conditions). During the start of excavation, it was determined that the soil is extremely saturated with moisture and is not stable enough to support the weight of the number of military vehicles that will be parked in that location.
 - (b) Recommendation: Approve change order and fund the repair of the unsuitable soil condition.

b. Item #2: Time Extension to the Buckhannon Readiness Center Addition / Alteration Contract

2. Description of work: No Cost Time Extension

1. Justification for Change:

- (a) Additional time of 210 days is required to successfully build the Alternate Bid Items that were accepted during the contract award.
- (b) Recommendation: Grant the 210-day time extension to the original contract.

- 2. Cost: \$715,115.70
- 3. Funding: 100% Federal

2. Accounting Summary:

CONSOLIDATED PRICING OF CHANGE ORDER		
Description	Federal Funds	State Funds
Item #1: Unsuitable Soil Condition	\$715,115.00	\$0
Item #2: No-Cost Time Extension	\$0	\$0
Total	\$715,115.00	\$0

Respectfully



PAUL RICHARDS

Project Manager

Concurrence,

Cc:

COL Beckner, FMO

Attachments:

BUCAA-CP.005.FMO-OTR.
BUCAA-DP.2

INCREASE PENALTY RIDER

BOND AMOUNT \$19,242,003.00 BOND NO. 4421212

To be attached and form a part of Bond No. 4421212 dated the 20th Day of July, 2023, executed by Great American Insurance Company as surety, on behalf of City Construction Company, Inc. as current principal of record, and in favor of State of West Virginia, Department of Administration, Purchasing Division, as Obligee for CRFQ ADJ23*30 - Buckhannon Readiness Center Renovations, and in the amount of Nineteen Million Two Hundred Forty Two Thousand Three Dollars and 00/100 (\$19,242,003.00).

In consideration of the agreed premium charged for this bond, it is understood and agreed that Great American Insurance Company hereby consents that effective from the 13th Day of March, 2024, said bond shall be amended as follows:

THE BOND PENALTY SHALL BE INCREASED:

FROM: Nineteen Million Two Hundred Forty Two Thousand Three Dollars and 00/100 (\$19,242,003.00)

TO: Nineteen Million Nine Hundred Fifty Seven Thousand One Hundred Eighteen Dollars and 70/100 (\$19,957,118.70)

The INCREASE of said bond penalty shall be effective as of the 13th Day of March, 2024, and does hereby agree that the continuity of protection under said bond subject to changes in penalty shall not be impaired hereby, provided that the aggregate liability of the above mentioned bond shall not exceed the amount of liability assumed by it at the time the act and/or acts of default were committed and in no event shall such liability be cumulative.

Signed, sealed and dated this 13th Day of March, 2024



City Construction Company, Inc.
PRINCIPAL

BY

Handwritten signature of Beau Henderson in blue ink.

Beau Henderson, President

Great American Insurance Company
SURETY

BY

Handwritten signature of Kimberly L. Miles in blue ink.

Kimberly L. Miles, ATTORNEY-IN-FACT

THE ABOVE BOND IS HEREBY AGREED TO AND ACCEPTED BY:

State of West Virginia, Department of Administration,
Purchasing Division
OBLIGEE

BY

Handwritten signature in blue ink, likely representing the State of West Virginia.



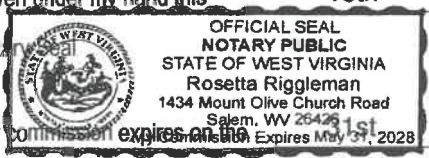
ACKNOWLEDGMENTS

Acknowledgment by Principal if individual or Partnership

1. STATE OF _____
2. County of _____ to-wit:
3. I, _____, a Notary Public in and for the
4. county and state aforesaid, do hereby certify that _____
whose name is signed to the foregoing writing, has this day acknowledged the same before me in my said county.
5. Given under my hand this _____ day of _____ 20 _____
6. Notary Seal 7: _____
(Notary Public)
8. My commission expires on the _____ day of _____ 20 _____

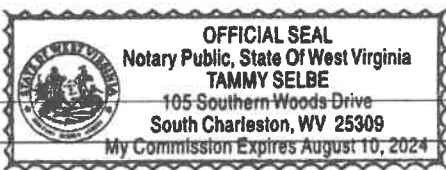
Acknowledgment by Principal if Corporation

9. STATE OF West Virginia
10. County of Harrison to-wit:
11. I, Rosetta Riggleman, a Notary Public in and for the
12. county and state aforesaid, do hereby certify that Beau Henderson
13. who as, President signed the foregoing writing for
14. a corporation, has this day, in my said county, before me, acknowledged the said writing to be the act and deed of the said corporation.
15. Given under my hand this 13th day of March 20 24
16. Notary Seal 17: Rosetta Riggleman
(Notary Public)
18. My commission expires on the 31st day of May 20 28



Acknowledgment by Surety

19. STATE OF West Virginia
20. County of Kanawha to-wit:
21. I, Tammy Selbe, a Notary Public in and for the
22. county and state aforesaid, do hereby certify that Kimberly L. Miles
23. who as, Attorney-in-fact signed the foregoing writing for
24. Great American Insurance Company a corporation,
has this day, in my said county, before me, acknowledged the said writing to be the act and deed of the said corporation.
25. Given under my hand this 13th day of March 20 24
26. Notary Seal 27: Tammy Selbe
(Notary Public)
28. My commission expires on the 10th day of August 20 24



Sufficiency in Form and Manner of Execution Approved

This 5th day of April 20 24

By: John S. Gray
Attorney General
(Deputy Attorney General)

GREAT AMERICAN INSURANCE COMPANY®

Administrative Office: 301 E 4TH STREET • CINCINNATI, OHIO 45202 • 513-369-5000 • FAX 513-723-2740

The number of persons authorized by this power of attorney is not more than 1

Bond No. 4421212

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the GREAT AMERICAN INSURANCE COMPANY, a corporation organized and existing under and by virtue of the laws of the State of Ohio, does hereby nominate, constitute and appoint the person or persons named below its true and lawful attorney-in-fact, for it and in its name, place and stead to execute on behalf of the said Company, as surety, the specific bond, undertaking or contract of suretyship referenced herein; provided that the liability of the said Company on any such bond, undertaking or contract of suretyship executed under this authority shall not exceed the limit stated below. The bond number on this Power of Attorney must match the bond number on the bond to which it is attached or it is invalid.

Name	Address	Limit of Power
Kimberly L. Miles	300 Kanawha Blvd East, Suite 300 Charleston, WV 25301	\$100,000,000.00

Principal: City Construction Company, Inc.
Obligee: State of West Virginia, Department of Administration, Purchasing Division

IN WITNESS WHEREOF the GREAT AMERICAN INSURANCE COMPANY has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 13th day of March, 2024.
Attest

GREAT AMERICAN INSURANCE COMPANY



Stephen C. Beraha
Assistant Secretary

Mark Vicario
Divisional Senior Vice President
MARK VICARIO (877-577-2405)

STATE OF OHIO, COUNTY OF HAMILTON - ss:

On this 13th day of March, 2024, before me personally appeared MARK VICARIO, to me known, being duly sworn, deposes and says that he resides in Cincinnati, Ohio, that he is a Divisional Senior Vice President of the Bond Division of Great American Insurance Company, the Company described in and which executed the above instrument; that he knows the seal of the said Company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by authority of his office under the By-Laws of said Company, and that he signed his name thereto by like authority.



SUSAN A KOHORST
Notary Public
State of Ohio
My Comm. Expires
May 18, 2025

Susan A Kohorst

This Power of Attorney is granted by authority of the following resolutions adopted by the Board of Directors of Great American Insurance Company by unanimous written consent dated June 9, 2008.

RESOLVED: That the Divisional President, the several Divisional Senior Vice Presidents, Divisional Vice Presidents and Divisional Assistant Vice Presidents, or any one of them, be and hereby is authorized, from time to time, to appoint one or more Attorneys-in-Fact to execute on behalf of the Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof; to prescribe their respective duties and the respective limits of their authority; and to revoke any such appointment at any time.

RESOLVED FURTHER: That the Company seal and the signature of any of the aforesaid officers and any Secretary or Assistant Secretary of the Company may be affixed by facsimile to any power of attorney or certificate of either given for the execution of any bond, undertaking, contract of suretyship, or other written obligation in the nature thereof, such signature and seal when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company; to be valid and binding upon the Company with the same force and effect as though manually affixed.

CERTIFICATION

I, STEPHEN C. BERAHA, Assistant Secretary of Great American Insurance Company, do hereby certify that the foregoing Power of Attorney and the Resolutions of the Board of Directors of June 9, 2008 have not been revoked and are now in full force and effect.

Signed and sealed this 13th day of March, 2024.



Stephen C. Beraha
Assistant Secretary

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West Virginia Secretary of State — Online Data Services

Business and Licensing

Online Data Services Help

Business Organization Detail

NOTICE: The West Virginia Secretary of State's Office makes every reasonable effort to ensure the accuracy of information. However, we make no representation or warranty as to the correctness or completeness of the information. If information is missing from this page, it is not in the The West Virginia Secretary of State's database.

CITY CONSTRUCTION COMPANY, INC

Organization Information								
Org Type	Effective Date	Established Date	Filing Date	Charter	Class	Sec Type	Termination Date	Termination Reason
C Corporation	8/16/1966		8/16/1966	Domestic	Profit			

Organization Information			
Business Purpose	2362 - Construction - Construction of Buildings - Nonresidential Building Construction (industrial, commercial & institutional building)		Capital Stock 10000.0000
Charter County	Harrison	Control Number	0
Charter State	WV	Excess Acres	0
At Will Term		Member Managed	
At Will Term Years		Par Value	100.000000
Authorized Shares	100	Young Entrepreneur	Not Specified

Addresses

Type	Address
Local Office Address	284 FACTORY STREET SUITE 101 CLARKSBURG, WV, 26301
Mailing Address	284 FACTORY STREET SUITE 101 CLARKSBURG, WV, 26301 USA
Notice of Process Address	BEAU HENDERSON 1109 CORBIN BRANCH ROAD 1109 CORBIN BRANCH ROAD BRIDGEPORT, WV, 26330
Principal Office Address	284 FACTORY STREET SUITE 101 CLARKSBURG, WV, 26301 USA

Type	Address
------	---------

Officers

Type	Name/Address
Director	BEAU HENDERSON 1109 CORBIN BRANCH ROAD BRIDGEPORT, WV, 26330
Incorporator	ORAL HENDERSON JR. 790 LOCUST STREET CLARKSBURG, WV, 26301 USA
Incorporator	MARY JANET HENDERSON 790 LOCUST STREET CLARKSBURG, WV, 26301 USA
President	BEAU HENDERSON 1109 CORBIN BRANCH ROAD BRIDGEPORT, WV, 26330
Secretary	SCOTT HENDERSON 47 ST. JAMES DRIVE CLARKSBURG, WV, 26301
Treasurer	BEAU HENDERSON 1109 CORBIN BRANCH ROAD BRIDGEPORT, WV, 26330
Vice-President	SCOTT HENDERSON 47 ST. JAMES DRIVE CLARKSBURG, WV, 26301

Type	Name/Address
------	--------------

DBA

DBA Name	Description	Effective Date	Termination Date
CITY MECHANICAL	TRADENAME	7/6/2017	
CITY ROOFING	TRADENAME	2/15/2021	
CITY WINDOW & CONSTRUCTION	TRADENAME	3/27/2013	
CITY WINDOW SYSTEMS	TRADENAME	3/27/2013	
DBA Name	Description	Effective Date	Termination Date

Name Changes

Date	Old Name
12/30/2008	CITY WINDOW COMPANY
Date	Old Name

Date	Amendment
12/30/2008	AMENDMENT FILED CHANGING NAME FROM CITY WINDOW COMPANY
Date	Amendment

Annual Reports

Filed For
2023
2022
2021
2020
2019
2018
2017x
2017
2016
2015
2014
2013
2012


Keyword Search

For more information on how to use our keyword search, visit our help guide

Simple Search

Search Editor

Any Words 

All Words 

Exact Phrase 

e.g. 123456789, Smith Corp

"CITY CONSTRUCTION COMPANY INC" 

Entity 

Location 

Status 

Active

Inactive

Reset 



No matches found

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Would you like to include inactive records in your search results?

Search inactive

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COMPLIANCE VERIFICATION CHECKLIST FOR REQUISITION SUBMISSION

<i>Purchasing Division Use:</i> Buyer: <u><i>J. Hager (w)</i></u> Date: <u><i>3.29.24</i></u> Solicitation No. <u><i>CPO ADJ 24001</i></u> <u><i>clo #2</i></u>	Agency: Adjutant Generals Office Procurement Officer Submitting Requisition: Dean Wingerd Requisition No. CPO-ADJ24*1 Change Order #2- Price Increase & Time Extension PF No.: 1237724
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This checklist **MUST** be completed by a state agency's designated procurement officer and submitted with the Purchase Requisition to the Purchasing Division. The purpose of the checklist is to verify that an agency procurement officer has obtained and included required documentation necessary for the Purchasing Division to process the requisition without future processing disruptions. At the agency's preference, the agency **MUST** either submit the checklist by attaching it to the requisition's Header **OR** by placing it in the requisition's Procurement Folder.

FOR ALL SOLICITATION TYPES:

	Compliance Check Type	Required	Provided, if Required	Not Required	Purch. Div. Confirmation
1	Specifications and Pricing Page included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Use of correct specification template	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Use of correct requisition type [CRQS → CCT or CPO] or [CRQM → CMA]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Use of most current terms and conditions (www.state.wv.us/admin/purchase/TCP.pdf)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Maximum budgeted amount in wvOASIS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Suggested vendors in wvOASIS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Capitol Building Commission pre-approval	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	Financing (Governor's Office) pre-approval	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Fleet Management Division pre-approval	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Compliance Check Type	Required	Provided, if Required	Not Required	Purch. Div. Confirmation
10	Insurance requirements				
	Commercial General Liability	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Automobile Liability	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Workers' Compensation/Employer's Liability	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Cyber Liability	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Builder's Risk/Installation Floater	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Professional Liability	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Other (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Office of Technology CIO pre-approval	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Treasurer's Office (banking) pre-approval	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

FOR CHANGE ORDERS/RENEWALS:

1	Two-party agreement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Standard change order language	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Office of Technology CIO approval	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Justification for price increases/backdating/other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	Bond Rider (Construction)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Secretary of State Verification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	State debarment verification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8	Federal debarment verification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

*The items pre-checked are required before a Purchase Requisition may be submitted to the Purchasing Division. Failure to complete and verify this documentation may result in rejection of the requisition back to the agency. It is up to the agency procurement officer to determine if pre-approvals, insurance, or other documentation is needed for the purchase. The referenced information below may be used to make this determination.

For Purchasing Division Use Only:

I have reviewed the requisition identified above and find that it is sufficient to advertise publicly to the vendor community. My review does not preclude the possibility that the vendor community, or some other entity, will identify an area of concern; however, should such issues or concerns arise, they will be reviewed and addressed as may be appropriate.

Signature: _____

