

Buncombe County Board of Commissioners Request for Board Action Meeting Date: 1/18/2022

New Business

Department: General Services

Presenter(s): Ronnie Lunsford

Contact(s): Ronnie Lunsford

Subject: Construction Manager At Risk (CMAR) construction contract for AB Tech FY21 Capital Plan Maintenance Projects

Brief Summary:

All FY20 maintenance projects at AB Tech have been completed.

In February, a Request for Qualifications for a CMAR for FY21 maintenance projects was advertised; two submissions were received. Vannoy Construction scored the highest of the two firms that submitted qualifications. In May, the Board approved a pre-construction contract with Vannoy to prepare and bid a scope of work that matched the budget for this set of projects. The pre-construction services were performed with Novus Architects.

The County is now ready to begin construction on the FY21 projects. If the contract is approved, material procurement can begin with the expectation that construction will start in the Spring. Below is the list of projects to be completed:

- Bailey Building:
 - HVAC Service Platform Installation
- Dogwood Building:
 - Roof Replacement
 - Window Replacement
 - HVAC Controls Pneumatic to Electronic Switch
 - Welding Exhaust Hood Replacement
 - o Boiler Replacement
- Elm Building:
 - o Boiler Replacement
- Magnolia Building:
 - o Chiller Replacement

Recommended Motion & Requested Action: Recommend executing the Construction Manager at Risk construction contract with Vannoy Construction.

County Manager's Comments and Recommendation: Recommends approval.



A-B TECH FY2021 GMP ESTIMATE ASHEVILLE, NC



Contact: TJ Hollars Date: 12/17/2021 Total SF: -

	WORK TRADE DESCRIPTION:	TOTAL	
1	GENERAL REQUIREMENTS	\$ 26,687	
2	DEMOLITION	\$ -	
3	CONCRETE	\$ -	
4	PRECAST ALLOWANCE	\$ 5,000	
5	MASONRY	\$ -	
6	STRUCTURAL STEEL	\$ 151,595	
7	ROUGH CARPENTRY	\$ -	
8	FINISH CARPENTRY, MILLWORK, & CASEWORK	\$ 30,152	
9	ROOFING	\$ 1,057,780	
10	SPRAY FIREPROOFING	\$ -	
11	SIDING	\$ -	
12	CAULKING, WATERPROOFING, FIRESTOPPING	\$ -	
13	DOORS, FRAMES, & HARDWARE	\$ -	
14	GLASS & GLAZING SYSTEMS	\$ 138,005	
15	SPECIAL DOORS	\$ -	
16	DRYWALL ASSEMBLIES	\$ -	
17	CEILING TREATMENTS	\$ -	
18	FLOORING & ACCESSORIES	\$ -	
19	PAINTING	\$ 39,295	
20	SPECIALTIES	\$ -	
21	EQUIPMENT & APPLIANCES	\$ -	
22	WINDOW TREATMENTS	\$ -	
23	SPECIAL CONSTRUCTION	\$ -	
24	CONVEYING SYSTEMS	\$ -	
25	FIRE SPRINKLERS	\$ -	
26	PLUMBING SYSTEMS	\$ -	
27	HVAC & MECHANICAL SYSTEMS	\$ 1,042,636	
28	ELECTRICAL SYSTEMS	\$ 129,091	
	SITE WORK	\$ -	
30	DEEP FOUNDATIONS	\$ -	
	SITE CONCRETE	\$ -	
32	SITE IMPROVEMENTS	\$ -	
33	FENCING & SECURITY	\$ -	
34	LANDSCAPING ALLOWANCE	\$ -	
35	BUILDING PERMIT FEES	\$ 48,436	
	COST OF WORK	\$ 2,668,677	
36	GENERAL CONDITIONS	\$ 213,773	
37	PROJECT INSURANCES (INCL. BR)	\$ 42,301	
38	PERFORMANCE & PAYMENT BOND	\$ 30,676	
39	SUBCONTRACTOR DEFAULT INSURANCE	\$ 33,358	
40	CMAR FEE	\$ 145,841	
41	CONTRACTOR CONTINGENCY	\$ 94,434	
42	OWNER/ DESIGN CONTINGENCY	\$ -	
	TOTAL	\$ 3,229,060	

Alternates:

1 Dogwood: 80 mil TPO ILO 60 mil PVC

2 Dogwood: Sarnafil GX410 PVC Roof ILO 60 mil TPO

Not Accepted Included in Base Bid



A-B TECH FY2021 DD ESTIMATE ASHEVILLE, NC



Contact: TJ Hollars Date: 12/17/2021 Total SF: -

	WORK TRADE DESCRIPTION:		DD ESTIMATE 08/24/2021		GMP ESTIMATE		Variance
1	GENERAL REQUIREMENTS	\$	21,495	\$	26,687	\$	5,192
2	DEMOLITION	\$	-	\$	-	\$	-
3	CONCRETE	\$	-	\$	-	\$	-
4	PRECAST ALLOWANCE	\$	3,300	\$	5,000	\$	1,700
5	MASONRY	\$	-	\$	-	\$	-
6	STRUCTURAL STEEL	\$	96,110	\$	151,595	\$	55,485
7	ROUGH CARPENTRY	\$	-	\$	-	\$	-
8	FINISH CARPENTRY, MILLWORK, & CASEWORK	\$	-	\$	30,152	\$	30,152
9	ROOFING	\$	761,046	\$	1,057,780	\$	296,734
10	SPRAY FIREPROOFING	\$	-	\$	-	\$	-
11	SIDING	\$	-	\$	-	\$	-
12	CAULKING, WATERPROOFING, FIRESTOPPING	\$	-	\$	-	\$	-
13	DOORS, FRAMES, & HARDWARE	\$	-	\$	-	\$	-
14	GLASS & GLAZING SYSTEMS	\$	161,517	\$	138,005	\$	(23,512)
15	SPECIAL DOORS	\$	-	\$	-	\$	-
16	DRYWALL ASSEMBLIES	\$	-	\$	-	\$	-
17	CEILING TREATMENTS	\$	-	\$	-	\$	-
18	FLOORING & ACCESSORIES	\$	-	\$	-	\$	-
19	PAINTING	\$	24,472	\$	39,295	\$	14,823
20	SPECIALTIES	\$	-	\$	-	\$	-
21	EQUIPMENT & APPLIANCES	\$	-	\$	-	\$	-
22	WINDOW TREATMENTS	\$	-	\$	-	\$	-
23	SPECIAL CONSTRUCTION	\$	-	\$	-	\$	-
24	CONVEYING SYSTEMS	\$	-	\$	-	\$	-
25	FIRE SPRINKLERS	\$	-	\$	-	\$	-
26	PLUMBING SYSTEMS	\$	-	\$	-	\$	-
27	HVAC & MECHANICAL SYSTEMS	\$	1,088,640	\$	1,042,636	\$	(46,004)
28	ELECTRICAL SYSTEMS	\$	65,400	\$	129,091	\$	63,691
29	SITE WORK	\$	-	\$	-	\$	-
30	DEEP FOUNDATIONS	\$	-	\$	-	\$	-
31	SITE CONCRETE	\$	-	\$	-	\$	-
32	SITE IMPROVEMENTS	\$	-	\$	-	\$	-
33	FENCING & SECURITY	\$	-	\$	-	\$	-
34	LANDSCAPING ALLOWANCE	\$	-	\$	-	\$	-
35	BUILDING PERMIT FEES	\$	47,185	\$	48,436	\$	1,251
	COST OF WORK	\$	2,269,164		2,668,677	\$	399,513
36	GENERAL CONDITIONS	\$	197,756		213,773	\$	16,017
37	PROJECT INSURANCES (INCL. BR)	\$	41,208	\$	42,301	\$	1,093
38	PERFORMANCE & PAYMENT BOND	\$	29,884	\$	30,676	\$	792
39	SUBCONTRACTOR DEFAULT INSURANCE	\$	27,775	-	33,358	-	5,584
40	CMAR FEE	\$	135,458	-	145,841	\$	10,383
41	CONTRACTOR CONTINGENCY	\$	111,099	\$	94,434	\$	(16,665)
42	OWNER/ DESIGN CONTINGENCY	\$	111,099	\$	-	\$	(111,099)
	SUBTOTAL	\$	2,923,442	\$	3,229,060		
43	MATERIAL ESCALATION CONTINGENCY	\$	222,198	\$	-	\$	(222,198)
	τοται	ć.	2 145 640	ć	2 220 000	\$	02 410
	TOTAL	Ş	3,145,640	\$	3,229,060	Ş	83,419

Alternates:

1 Dogwood: 80 mil TPO ILO 60 mil PVC

2 Dogwood: Sarnafil GX410 PVC Roof ILO 60 mil TPO

Not Accepted Included in Base Bid

1

A-B TECH FY2021 GMP ESTIMATE Estimate Clarifications

Item Description

Division 1 - General

- 1.1 Pricing based upon drawings and specifications for the 2021 Capital Improvements for Dogwood Building, Bailey Building, Elm Building & Magnolia Building as prepared by NOVUS Architects.
- 1.2 Construction, materials and special inspection testing to be by Owner
- 1.3 Third party MEP commissioning is excluded from estimate
- 1.4 Pricing includes construction contingency
- 1.5 Owner/ design team contingency is not included.
- 1.6 Pricing includes building permit fees and inspections
- 1.7 Pricing excludes all sitework.
- 1.8 Pricing includes performance and payment bond
- 1.9 Pricing includes builders risk insurance
- 1.10 Design fees are not included.

Division 2 - Sitework/Deep Foundations

Not Applicable

Division 3 - Concrete

Not Applicable

Division 4 - Masonry

4.1 Repair/replacement of damaged precast stools at the Dogwood Building is included.

Division 5 - Metals

- 5.1 Exterior bollards are included.
- 5.2 New Dogwood Building roof access ladders are included.
- 5.3 Removal and replacement of existing Dogwood Building metal decking, where indicated, is included.
- 5.4 New mechanical access platforms for the Bailey Building are included.

Division 6 - Carpentry

Not Applicable

Division 7 - Moisture Control

- 7.1 Removal of existing Dogwood Building roof membrane and new 60 mil PVC roof per Alternate #2 is included. Existing insulation to remain except as noted on the drawings.
- 7.2 Removal/replacement of existing roof drains as noted is included.
- 7.3 New roof overbuilds are included as noted.
- 7.4 New roof blocking/nailers are included as noted.

Division 8 - Openings

8.1 Removal and replacement of Dogwood Building storefront windows, doors and louvers are included as not

Division 9 - Finishes

- 9.1 Painting of exposed CMU at Dogwood Building covered walks is included per details D4 & F4 on drawing A402.
- 9.2 Painting of new bollards and new roof access ladders is included.
- 9.3 No other finishes are included.

Division 10 - Accessories

Not Applicable

Division 11 - Equipment

Not Applicable

Division 12 - Furnishings Not Applicable

Division 13 - Special Construction

Not Applicable

Division 14 - Conveying Systems

Not Applicable

Division 15 - Mechanical

- 15.1 Dogwood Building boiler replacement and pneumatic controls replacement is included.
- 15.2 Elm Building boiler replacement is included.
- 15.3 Magnolia Building chiller replacement is included.

Division 16 - Electrical

- 16.1 Dogwood Building boiler replacement and pneumatic controls replacement is included.
- 16.2 Elm Building boiler replacement is included.
- 16.3 Magnolia Building chiller replacement is included.



A-B TECH FY2021 GMP ESTIMATE ASHEVILLE, NC



	GMP Presentation - Local and MWSBE Participation								
	WORK TRADE	SUBCONTRACTOR	MWS	BE Participation					
1	SITE DEVELOPMENT								
2	DEEP FOUNDATIONS								
3	PRECAST CONCRETE								
4	CONCRETE								
5	MASONRY								
6	STRUCTURAL STEEL								
7	ROUGH CARPENTRY								
8	GENERAL TRADES								
9	HOISTING, CRANE, EQUIPMENT								
10	FINISH CARPENTRY, MILLWORK, & CASEWORK								
11	ROOFING	Benton Roofing	\$	1,057,780					
12	METAL PANELS								
13	SPRAY APPLIED FIREPROOFING - NIC								
14	CAULKING, WATERPROOFING, FIRESTOPPING								
15	DOORS, FRAMES, & HARDWARE								
16	GLASS & GLAZING SYSTEMS								
17	DRYWALL ASSEMBLIES								
18	CEILING TREATMENTS								
19	FLOORING & ACCESSORIES								
20	TILE								
21	PAINTING								
22	SPECIALTIES								
23	SIGNAGE								
24	EQUIPMENT & FURNISHINGS								
25	WINDOW TREATMENTS								
26	CONVEYING SYSTEMS								
27	FIRE SPRINKLERS								
28	PLUMBING SYSTEMS								
29	HVAC & MECHANICAL SYSTEMS								
30	ELECTRICAL SYSTEMS								
31	LANDSCAPING								
32	COST OF WORK		\$	1,057,780					
	TOTAL - \$		\$	1,057,780					
			Ş	1,057,780					

TOTAL - % (PGMP)	33%

		A-B Tech FY21			
	Cap	ital Improvements to Multiple Bu	ildings		ZIN Tooh
		Guaranteed Maximum Price	0		
CONSTRUCTION					Community College
		Bid Phase:	GMP		community coneye
Bid Date: November 16, 2021		Bid Package No.:	BP 500		
Bid Time: 3:00 PM		Bid Package Description:	Turnkey Steel	Certification By:	
Bids Received:	Bidder #1	Bidder #2	Bidder #3	Bidder #4	Bidder #5
Bidder Name:	Engineered Steel Products	Henard Metal Fabricators, Inc.			
Amount:	\$ 174,652.00	\$ 144,220.00			
Scope of Work					
Misc. undocumented steel supports	\$ 5,500.00	5,500.00			
	+ 0,00000				
	A		Ċ.	¢	6
Bid Proposal (Subtotal)	\$ 180,152.00) \$ 149,720.00	\$ ·	- \$ -	\$ -
Clarifications					
Addendum (Received/Reviewed)	1-3	1-3			
State Sales Tax (Materials)					
Subcontractor P&P Bond	\$ 3,500.00) \$ 1,874.60	\$.	- \$ -	\$ -
Trade Permits					
MWSBE Participation MWSBE 1st Tier	None	None			
MWSBE 1st Tier MWSBE Other					
MWSBE Category					
TOTAL BID	\$ 183,652.00) \$ 151,594.60	\$	- \$ -	\$ -
Alternates					
Alt # PPB-01: Provide Cost of Payment & Performance Bond- Lump Sum	\$ 3,500.00	1,874.60			
Alt # 1: Provide 80 mil TPO ILO 60 mil TPO	5 3,500.00 N/				
	,	· · · ·			
Alt # 2: Provide 60 mil fully adhered single ply (PVC)					
roof membrane over Mech. fastened 1/2" Densdeck					
cover board, over existing polyiso insulation, over metal deck(Sarnafil G410-BoD) ILO 60 mil TPO	N	A			
	N/	A N/A			
Unit Prices	1		1	I	
Unit Price #1: Super/Foreman hourly rate-per MH	\$ 70.00) \$ 95.00			
Unit Price #2: Tradesman hourly rate-per MH	\$ 65.00				
Unit Price #3: Laborer hourly rate-per MH	\$ 60.00) \$ 65.00			
Unit Price #CC01: Composite cleanup crew hourly rate-per MH	\$ 60.00	37.50			
Unit Price #PPB 01: Payment and Performance Bond	v ال	ر ج 37.50	+		
rate-per \$1,000	\$ 20.05	5 \$ 13.00			
Unit Price #1: Provide & install new roof curbs					
(Dogwood Building only)-per Each	N/	A N/A	A		
Allowances Allowance #CC01: Allocate 5% of subcontractor's					
total labor budget for a composite clean-up crew-#					
of MH		2 16	5		
Allowance #1: Provide an Allowance amount for the					
removal, disposal & replacment of 7,700 sf of wet					
and/or damaged existing roof insulation with new 1" rigid polyisocyanurate insulation board - \$ per SF.	N/	A N/A			
Allowance #2: Provide an Allowance amount for the	IN/	N/F	<u> </u>		
removal, disposal & replacment of 200 BF of existing					
deteriorated wood nailers, curbs & miscellaneous					
blocking \$ per BF.	N/	A N/A	A		
Allowance #3: Provide an Allowance amount for the					
removal, disposal & replacment of 100 SF of existing metal roof deck with new metal roof deck \$ per SF.	N/	A \$ 121.00			
	11/	121.00		-	
	1	1	1	I	1

			A-B Tech FY21			
	Ca	pital I	mprovements to Multiple Bui	Idings		A Toch
			Guaranteed Maximum Price		4	
CONSTRUCTION					- i	ommunity College
			Bid Phase:	GMP	•	onnunty oonege
Bid Date: November 16, 2021			Bid Package No.:	BP 0750	Contification Dur	
Bid Time: 3:00 PM			Bid Package Description:	Turnkey Roofing	Certification By:	
Bids Received:	Bidder #1		Bidder #2	Bidder #3	Bidder #4	Bidder #5
Bidder Name:	Baker Roofing Company		Benton Roofing	City Scape Roofing, Inc.		
Amount:	\$ 999,085.0	00 \$	\$ 966,964.00	\$ 989,940.00		
Scope of Work						
Misc. Flashings	\$ 8,500.0	nn s	8,500.00	\$ 8,500.00		
	\$ 8,300.0	00 Ş	8,500.00	\$ 8,500.00		
Bid Proposal (Subtotal)	\$ 1,007,585.0	00 \$	975,464.00	\$ 998,440.00	\$ -	\$-
Clarifications	1.2	-	10	10		
Addendum (Received/Reviewed) State Sales Tax (Materials)	1-3	-+	1-3	1-3		
Subcontractor P&P Bond	\$ 11,990.0	00 \$	20,628.00	\$ 9,900.00	\$ -	\$ -
Trade Permits	- 11,090.0		20,020.00	- 5,500.00		<u>τ</u>
MWSBE Participation	None		Access Services	None		
MWSBE 1st Tier			SDVOSB			
MWSBE Other		\$	96,656.00			
MWSBE Category			В			
TOTAL BID	\$ 1,019,575.0	00 Ş	996,092.00	\$ 1,008,340.00	Ş -	\$ -
Alternates						
Alt # PPB-01: Provide Cost of Payment &	1					
Performance Bond- Lump Sum	\$ 11,990.0	00 \$	20,628.00	\$ 9,900.00		
Alt # 1: Provide 80 mil TPO ILO 60 mil TPO	\$ 71,165.0		61,688.00	\$ 62,310.00		
Alt # 2: Provide 60 mil fully adhered single ply (PVC)						
roof membrane over Mech. fastened 1/2" Densdeck						
cover board, over existing polyiso insulation, over metal deck(Sarnafil G410-BoD) ILO 60 mil TPO	\$ 64,925.0	00 \$	61,688.00	\$ 106,450.00		
	Ş 04,923.0	00 Ş	61,088.00	\$ 100,450.00		
Unit Prices					I	
Unit Price #1: Super/Foreman hourly rate-per MH	\$ 88.7	70		\$ 50.00		
Unit Price #2: Tradesman hourly rate-per MH	\$ 55.3	38		\$ 42.00		
Unit Price #3: Laborer hourly rate-per MH	\$ 48.4	44		\$ 30.00		
Unit Price #CC01: Composite cleanup crew hourly						
rate-per MH	\$ 48.4	44 \$	5,400.00	\$ 35.00		
Unit Price #PPB 01: Payment and Performance Bond rate-per \$1,000	\$ 12.0	00 \$	1.80	\$ 10.00		
Unit Price #1: Provide & install new roof curbs			. 1.80	÷ 10.00		
(Dogwood Building only)-per Each	N	/A \$	2,500.00	\$ 1,050.00		
		ĺ				
Allowances		<u> </u>				
Allowance #CC01: Allocate 5% of subcontractor's						
Itotal labor hudget for a composite clean up crew #					1	
total labor budget for a composite clean-up crew-#						
of MH	3	320	120	240		
of MH	3	320	120	240		
of MH Allowance #1: Provide an Allowance amount for the	3	320	120	240		
of MH		320	120	240		
of MH Allowance #1: Provide an Allowance amount for the removal, disposal & replacment of 7,700 sf of wet		85				
of MH Allowance #1: Provide an Allowance amount for the removal, disposal & replacment of 7,700 sf of wet and/or damaged existing roof insulation with new 1" rigid polyisocyanurate insulation board - \$ per SF. Allowance #2: Provide an Allowance amount for the	\$ 2.8					
of MH Allowance #1: Provide an Allowance amount for the removal, disposal & replacment of 7,700 sf of wet and/or damaged existing roof insulation with new 1" rigid polyisocyanurate insulation board - \$ per SF. Allowance #2: Provide an Allowance amount for the removal, disposal & replacment of 200 BF of existing	\$ 2.8					
of MH Allowance #1: Provide an Allowance amount for the removal, disposal & replacment of 7,700 sf of wet and/or damaged existing roof insulation with new 1" rigid polyisocyanurate insulation board - \$ per SF. Allowance #2: Provide an Allowance amount for the removal, disposal & replacment of 200 BF of existing deteriorated wood nailers, curbs & miscellaneous	\$ 2.8	85 \$	\$ 0.50	\$ 2.30		
of MH Allowance #1: Provide an Allowance amount for the removal, disposal & replacment of 7,700 sf of wet and/or damaged existing roof insulation with new 1" rigid polyisocyanurate insulation board - \$ per SF. Allowance #2: Provide an Allowance amount for the removal, disposal & replacment of 200 BF of existing	\$ 2.8	85 \$	\$ 0.50			
of MH Allowance #1: Provide an Allowance amount for the removal, disposal & replacment of 7,700 sf of wet and/or damaged existing roof insulation with new 1" rigid polyisocyanurate insulation board - \$ per SF. Allowance #2: Provide an Allowance amount for the removal, disposal & replacment of 200 BF of existing deteriorated wood nailers, curbs & miscellaneous blocking \$ per BF.	\$ 2.8	85 \$	\$ 0.50	\$ 2.30		
of MH Allowance #1: Provide an Allowance amount for the removal, disposal & replacment of 7,700 sf of wet and/or damaged existing roof insulation with new 1" rigid polyisocyanurate insulation board - \$ per SF. Allowance #2: Provide an Allowance amount for the removal, disposal & replacment of 200 BF of existing deteriorated wood nailers, curbs & miscellaneous blocking \$ per BF. Allowance #3: Provide an Allowance amount for the	\$ 2.3	85 \$	\$ 0.50	\$ 2.30		
of MH Allowance #1: Provide an Allowance amount for the removal, disposal & replacment of 7,700 sf of wet and/or damaged existing roof insulation with new 1" rigid polyisocyanurate insulation board - \$ per SF. Allowance #2: Provide an Allowance amount for the removal, disposal & replacment of 200 BF of existing deteriorated wood nailers, curbs & miscellaneous blocking \$ per BF.	\$ <u>2.8</u> \$ <u>6.0</u>	85 <u>\$</u> 65 \$	\$ <u>0.50</u> \$ <u>4.50</u>	\$ 2.30 \$ 4.50		

		A-B Tech FY21			
	Capi	tal Improvements to Multiple Bu	ildings		ZINToch
VANNOY		Guaranteed Maximum Price			
CONSTRUCTION				i i i i i i i i i i i i i i i i i i i	ommunity College
		Bid Phase:	GMP		ommunity oonege
Bid Date: November 16, 2021		Bid Package No.:	BP 840		
Bid Time: 3:00 PM		Bid Package Description:	Aluminum Framed Openings, G	Certification By:	
Bids Received:	Bidder #1	Bidder #2	Bidder #3	Bidder #4	Bidder #5
Bidder Name:	Blue Ridge Glass Inc.	Miller Glass of NC, Inc.			
Amount:	\$ 162,950.00	\$ 131,532.00			
Scope of Work					
Misc. Flashings	\$ 3,500.00	\$ 3,500.00			
Bid Proposal (Subtotal)	\$ 166,450.00	\$ 135,032.00	\$ -	\$-	\$ -
Clarifications					
Addendum (Received/Reviewed)	1 - 3	1-3			
State Sales Tax (Materials)					
Subcontractor P&P Bond	\$ 3,178.00	\$ 2,973.00	\$-	\$-	\$-
Trade Permits					
MWSBE Participation	Kiser Glass Works, Inc.	None			
MWSBE 1st Tier	\$ 40,000.00				
MWSBE Other MWSBE Category	\$ 40,000.00 F				
NWODE Category	1				
TOTAL BID	\$ 169,628.00	\$ 138,005.00	\$-	\$-	\$-
Alternates	1	1	1	1	
Alt # PPB-01: Provide Cost of Payment &					
Performance Bond- Lump Sum Alt # 1: Provide 80 mil TPO ILO 60 mil TPO	\$ 3,178.00 N/				
	IN/	N/#			
Alt # 2: Provide 60 mil fully adhered single ply (PVC)					
roof membrane over Mech. fastened 1/2" Densdeck					
cover board, over existing polyiso insulation, over					
metal deck(Sarnafil G410-BoD) ILO 60 mil TPO	N/	A N/A			
Unit Prices					
Unit Price #1: Super/Foreman hourly rate-per MH	\$ 75.00	65.00			
Unit Price #2: Tradesman hourly rate-per MH	\$ 65.00				
Unit Price #3: Laborer hourly rate-per MH	\$ 55.00				
Unit Price #CC01: Composite cleanup crew hourly					
rate-per MH	\$ 25.00	\$ 36.00			
Unit Price #PPB 01: Payment and Performance Bond rate-per \$1,000	ć 10.50	\$ 25.00			
Unit Price #1: Provide & install new roof curbs	\$ 19.50	25.00			
(Dogwood Building only)-per Each	N/	A N/A			
	, ,	<u> </u>			
Allowances	1		1	1	
Allowance #CC01: Allocate 5% of subcontractor's					
total labor budget for a composite clean-up crew-# of MH	-	-			
	5	5 28			
Allowance #1: Provide an Allowance amount for the					
removal, disposal & replacment of 7,700 sf of wet					
and/or damaged existing roof insulation with new 1"					
rigid polyisocyanurate insulation board - \$ per SF.	N/	A N/A			
Allowance #2: Provide an Allowance amount for the					
removal, disposal & replacment of 200 BF of existing deteriorated wood nailers, curbs & miscellaneous					
blocking \$ per BF.	N/	A N/A			
······································	117	11/7			
Allowance #3: Provide an Allowance amount for the					
removal, disposal & replacment of 100 SF of existing					
metal roof deck with new metal roof deck \$ per SF.	N/	A N/A			

Amount: \$ 33.0965.00 \$					T	· · · · · · · · · · · · · · · · · · ·
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Data factor District data ministric District data ministric District data ministric Bit Data factor Bit Data factor P PAD Community College Bit Data factor Bit Data factor P PAD External Bit Data factor P PAD Bit Data factor B	- •	Canit		Idings		ZIK Toob
L CONTRACTOR INCOMENTAL INCOMENTA		Capit		liuliigs		
Bits Dr. 2004	CONSTRUCTION		Guaranteeu Waximum Frice			
hi dote, front of a set of a			Bid Phase:	GMP	(Community College
Bit This: 100 PM Bit Recruited: Bit R	Bid Date: November 16, 2021					
Bide Recived:Bider #Bider #2Bider #3Bider #3Bider As:Roward:Souther MCSouther MCSouther MCBider As:Souther MCSouther MCSouther MCSouthe					Certification Bv:	
mathemmathemmathemmathemmathemmathemmathemmathemAmount\$30.995.00\$ $24.035.00$,	
Biddle Name: Roderos & G. Parine, Inc. Southern Parine, R. Manesteruer, Souches, Inc. Inc. Name: N 30.950.0 \$ 24.005.00 Inc. Inc. Source Marine Inc. Inc. Inc. Inc. Mine - Mech & Points Inc. Inc. Inc. Inc. Mine - Mech & Points Inc. Inc. Inc. Inc. Mine - Mech & Points Inc. Inc. Inc. Inc. Mine - Mech & Points Inc. Inc. Inc. Inc. But Points Inc. Inc. Inc. Inc. Inc. Inc. But Points Inc. Inc. Inc. Inc. Inc. Inc. But Points Inc. Inc. Inc. Inc. Inc. Inc. <td>Bids Received:</td> <td>Bidder #1</td> <td>Bidder #2</td> <td>Bidder #3</td> <td>Bidder #4</td> <td>Bidder #5</td>	Bids Received:	Bidder #1	Bidder #2	Bidder #3	Bidder #4	Bidder #5
Annuari: \$ 36.985.00 \$ 24.035.00 State 14 Mathem						
Construction Construction Construction Construction Construction S 2,300.00 S 2,300.00 Mich Park B Print purchase S 2,300.00 S S S Mich Proposal Eduction S 2,000.00 S S S S Definition	Bidder Name:	Robinson & Co. Painting, Inc.	Southern Painting & Maintenan	ce Specialists, Inc.		
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Contractions Image: Control (Received) 1 - 3 Image: Control (Received) Image: Contro (Received) Image: Contro (Received)						
Addendum (Received) 1 - 3 1 - 3	Bid Proposal (Subtotal)	\$ 39,295.00	\$ 26,335.00	ş -	ş -	ş -
Addendum (Received) 1 - 3 1 - 3						
State State Two (Material)	Clarifications				1	1
Subcontractor P2P Bond S 925.00 S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S<		1 - 3	1 - 3			
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Ait # PP301: Provide Cost of Payment & s 925.00 \$ 360.00 Ait # 1 Provide 80 mil TP0 ILO 80 mil TP0 N/A	TOTAL BID	\$ 40,220.00		\$ -	\$ -	Ş -
Ait # PP301: Provide Cost of Payment & s 925.00 \$ 360.00 Ait # 1 Provide 80 mil TP0 ILO 80 mil TP0 N/A	Alternates	1	1	1	1	
Performance Bond - Lump Sum S 925.00 \$ 360.00 Image: Control of Control Control of Control of Control of Control of Control of Control						
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Alt 2: Provide 60 ml fully athered single ply (PVC) roof membrane over Mech. Statend 1/2' Desideck cover baard, over existing polytico insulation, over metal dext[strammliG4126 abo]. LO 60 ml TPO N/A N/A Unit Price 81: Statend 1/2' Desideck cover baard, over existing polytico insulation, over N/A N/A Unit Price 81: Statend 1/2' Desideck Unit Price 81: Statend 1/2' Desideck Unit Price 81: Statend 1/2' Desideck Cover baard, cover existing polytico Unit Price 81: Statend 1/2' Desideck Unit Price 81: Statend 1/2' Desideck Unit Price 81: Statend Price Price Net S 45: 00 \$ 46:00 Unit Price 81: Statend Price Net S 40: 00 \$ 25:00 N/A 00 S 25:00 S 25:00 N/A 00 S 25:00 S 25						
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Unit Price #3: Laborer hourly rate-per MH \$ 45.00 \$ 40.00 Unit Price #C01: Composite cleanup crew hourly rate-per MI \$ 40.00 \$ 25.00 Unit Price #PPB 01: Payment and Performance Bond rate-per \$1,000 N/A Unit Price #1: Provide & install new roof curbs (Clogwood Building only)-per Each N/A N/A Allowance #1: Provide an Allowance amount for the removal, disposal & replacement of 20.00 \$ 000 \$ 25.00 Allowance #2: Provide an Allowance amount for the removal, disposal & replacement of 20.00 \$ 000 \$ 0000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 000 \$ 0	Unit Price #1: Super/Foreman hourly rate-per MH	\$ 55.00	\$ 50.00			
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rate-per \$1,000 \$ 25.00 N/A Image: Control of Curbs (Control of C	rate-per MH	\$ 40.00	\$ 25.00			
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metal roof deck with new metal roof deck \$ per SF. N/A N/A Allowance #4: Provide a hourly unit rate to be applied to a 120 man hour Allowance inclusive of all consumables such as primers, paint, tape, etc \$ Image: Consumable such as primers, paint, tape, etc \$	removal, disposal & replacment of 100 SF of existing					
Allowance #4: Provide a hourly unit rate to be applied to a 120 man hour Allowance inclusive of all consumables such as primers, paint, tape, etc \$	metal roof deck with new metal roof deck \$ per SF.	N/A	N/A			
applied to a 120 man hour Allowance inclusive of all consumables such as primers, paint, tape, etc \$	Allowance #4: Provide a hourly unit rate to be					
	applied to a 120 man hour Allowance inclusive of all					
per MH. \$ 60.00 \$ 50.00	consumables such as primers, paint, tape, etc \$					
	per MH.	\$ 60.00	\$ 50.00			

_ V	Сарі		A-B Tech FY21 mprovements to Multiple Buil	Idings		ABTech
CONSTRUCTION			Guaranteed Maximum Price	 		Community College
				GMP	+	Johnnunny conogo
Bid Date: November 16, 2021		+	0	BP1550		
Bid Time: 3:00 PM	+	+-'	Bid Package Description:	HVAC & Controls	Certification By:	+
Bids Received:	Bidder #1		Bidder #2	Bidder #3	Bidder #4	Bidder #5
Bidder Name:	Haynes Heating & Cooling	╄	HVAC, Inc.	MSS	SK MES, Inc.	<u> </u>
Amount:	\$ 1,254,700.00				,	+
	· · · ·	Ť		, I	ļ'	<u> </u>
Scope of Work		÷				
Curb Relocations/Misc. Field Coordination	\$ 7,500.00)\$	7,500.00	\$ 7,500.00	\$ 7,500.00	
		\pm		 	ļ'	<u> </u>
		Ļ				
Bid Proposal (Subtotal)	\$ 1,262,200.00)\$	1,094,365.00	\$ 1,034,420.00	\$ 1,082,500.00	\$ -
Clarifications	1 1 2	—	4.0	10	1 1 2	
Addendum (Received/Reviewed) State Sales Tax (Materials)	1-3	+	1-3	1-3	1-3	
State Sales Tax (Materials) Subcontractor P&P Bond	\$ 7,407.00	n ş	9,235.00	\$ 8,216.00	\$ 5,913.00	+
Trade Permits	· · · · · · · · · · · · · · · · · · ·	+		····	····	t
MWSBE Participation	None	\$	53,746.00	None	\$ 7,877.00	Ľ
MWSBE 1st Tier		1		!	'	
MWSBE Other	-	+	Kirby-Cundiff Insulation	,J	Palmetto Air & Balance	
MWSBE Category	+	+	F	ا	F	+
TOTAL BID	\$ 1,269,607.00	0\$	1,103,600.00	\$ 1,042,636.00	\$ 1,088,413.00	s
Alternates						
Alt # PPB-01: Provide Cost of Payment &			0.335.00	L. 8.216.00	I. 5013.00	
Performance Bond- Lump Sum Alt # 1: Provide 80 mil TPO ILO 60 mil TPO	\$ 7,407.00 N/A	-	9,235.00 N/A			
		<u>A</u>		1	·····	+
Alt # 2: Provide 60 mil fully adhered single ply (PVC)			I	ı I	1	
roof membrane over Mech. fastened 1/2" Densdeck			l. I	, I	1	
cover board, over existing polyiso insulation, over			 	۱	1	
metal deck(Sarnafil G410-BoD) ILO 60 mil TPO	N/A	A	N/A	N/A	N/A	·
Unit Prices			/	, /	11	1
Unit Prices Unit Price #1: Super/Foreman hourly rate-per MH	\$ 58.00	als	75.00	\$ 86.50	\$ 45.00	1
Unit Price #1: Super/Foreman hourly rate-per MH	\$ 58.00	-	65.00			
Unit Price #3: Laborer hourly rate-per MH	\$ 54.00		55.00			
Unit Price #CC01: Composite cleanup crew hourly						
rate-per MH	\$ 54.00	0\$	30.00	\$ 29.00	\$ 35.00	<u> </u>
Unit Price #PPB 01: Payment and Performance Bond rate-per \$1,000			8 25	ا ۱۰۰ ۵۵۵	1. 550	
rate-per \$1,000 Unit Price #1: Provide & install new roof curbs	\$ 7.92	2\$	8.25	\$ 0.08	\$ 5.50	+
(Dogwood Building only)-per Each	N/A	Α	N/A	N/A	N/A	<u>.</u>
Allowances					·	l
Allowance #CC01: Allocate 5% of subcontractor's		Т	I	,I	· · · · · · · · · · · · · · · · · · ·	
total labor budget for a composite clean-up crew-# of MH	160	50	190	160	205	
		T	I	ı	1	
Allowance #1: Provide an Allowance amount for the			l. I	ı I	1	
removal, disposal & replacment of 7,700 sf of wet and/or damaged existing roof insulation with new 1"	,		l. I	ı I	1	
rigid polyisocyanurate insulation board - \$ per SF.	N/A	/∆	N/A	N/A	N/A	
Allowance #2: Provide an Allowance amount for the		+	+	·+	···· ,	+
removal, disposal & replacment of 200 BF of existing			I	ı I	1	
deteriorated wood nailers, curbs & miscellaneous			l. I	ı I	1	
blocking \$ per BF.	N/A	А	N/A	N/A	N/A	
· · · · · · · · · · · · · · · · · · ·]	I	· · ·	1	
			1	,	1 '	
Allowance #3: Provide an Allowance amount for the removal disposal & replacment of 100 SE of existing		1	1	``````````````````````````````````````		
Allowance #3: Provide an Allowance amount for the removal, disposal & replacment of 100 SF of existing metal roof deck with new metal roof deck \$ per SF.			N/A	N/A	N/A	

		A-B Tech FY21			
	Capit	al Improvements to Multiple Bu	ildings		ZIN Tooh
		Guaranteed Maximum Price		4	
CONSTRUCTION					Community Collogo
		Bid Phase:	GMP		Community College
Bid Date: November 16, 2021		Bid Package No.:	BP 1600		
Bid Time: 3:00 PM		Bid Package Description:	Electrical Systems	Certification By:	
Bids Received:	Bidder #1	Bidder #2	Bidder #3	Bidder #4	Bidder #5
bids neceived.	Diddel #1	Diddel #2	Diddel #5	Diddei #4	biddel #5
Bidder Name:	Emory Electric, Inc.	Haynes Electric			
Amount:	\$ 127,901.00	\$ 126,100.00			
Scope of Work	¢ 2,000,00	¢ 3,000,00			
Misc. Repairs/Disconnects	\$ 2,000.00	\$ 2,000.00			
Bid Proposal (Subtotal)	\$ 129,901.00	\$ 128,100.00	\$-	\$-	\$-
Clarifications	1 4-5	1 4-	1		
Addendum (Received/Reviewed)	1-3	1-3			
State Sales Tax (Materials) Subcontractor P&P Bond	\$-	\$ 991.00	s -	\$ -	\$ -
Trade Permits	_ _	5 551.00			
MWSBE Participation	None	None			
MWSBE 1st Tier					
MWSBE Other					
MWSBE Category					
TOTAL BID	\$ 129,901.00	\$ 129,091.00	Ş -	\$ -	\$-
Alternates					
Alt # PPB-01: Provide Cost of Payment &					
Performance Bond- Lump Sum	N/A	\$ 991.00			
Alt # 1: Provide 80 mil TPO ILO 60 mil TPO	N/A	N/A			
Alt # 2: Provide 60 mil fully adhered single ply (PVC)					
roof membrane over Mech. fastened 1/2" Densdeck cover board, over existing polyiso insulation, over					
metal deck(Sarnafil G410-BoD) ILO 60 mil TPO	N/A	N/A			
Unit Prices	1		1		
Unit Price #1: Super/Foreman hourly rate-per MH	\$ 68.00	\$ 80.00			
Unit Price #2: Tradesman hourly rate-per MH	\$ 48.00	\$ 62.00			
Unit Price #3: Laborer hourly rate-per MH	\$ 40.00	\$ 40.00			
Unit Price #CC01: Composite cleanup crew hourly rate-per MH	\$ 30.00	\$ 33.59			
Unit Price #PPB 01: Payment and Performance Bond					
rate-per \$1,000	\$ 10.00	\$ 0.704			
Unit Price #1: Provide & install new roof curbs					
(Dogwood Building only)-per Each	N/A	N/A			
Allowances					
Allowance #CC01: Allocate 5% of subcontractor's total labor budget for a composite clean-up crew-#					
of MH	35	71			
Allowance #1: Provide an Allowance amount for the					
removal, disposal & replacment of 7,700 sf of wet					
and/or damaged existing roof insulation with new 1"					
rigid polyisocyanurate insulation board - \$ per SF. Allowance #2: Provide an Allowance amount for the	N/A	N/A			
removal, disposal & replacment of 200 BF of existing					
deteriorated wood nailers, curbs & miscellaneous					
blocking \$ per BF.	N/A	N/A			
	,	, í			
Allowance #3: Provide an Allowance amount for the					
removal, disposal & replacment of 100 SF of existing					
metal roof deck with new metal roof deck \$ per SF.	N/A	N/A			
	i i	1	1		