

REQUEST FOR BOARD ACTION

HENDERSON COUNTY BOARD OF COMMISSIONERS

MEETING DATE: December 2, 2019

SUBJECT: Hendersonville High School

PRESENTER: John Mitchell, Business and Community Development Director

ATTACHMENTS: Yes
(1) Cover Letter from Vannoy
(2) GMP-2

SUMMARY OF REQUEST:

At the February 4, 2019 meeting of the Board of Commissioners, the Board approved a contract for PFA and LS3P to design and proceed with renovating Hendersonville High School. Vannoy Construction (Vannoy) is acting as the Construction Manager at Risk (CMR) for the project. Part of the CMR process is to provide a Guaranteed Maximum Price (GMP).

The approved schedule is for the school to be completed for the fall term of 2023. To meet the schedule, the architects have broken the project into three separate bid packages, GMP-1, GMP-2 and GMP-3, which together will form the final Guaranteed Maximum Price (GMP).

GMP-2, an early structural and site package, is attached for the Board's consideration. Requests for proposals were properly advertised according to North Carolina General Statute, and bids were opened on November 14, 2019. The total cost of the work is \$15,828,847. This number is within the total approved budget.

BOARD ACTION REQUESTED:

Accept or decline Guaranteed Maximum Price – 2 and direct staff to continue the project.

Suggested Motion(s):

I move to accept/decline the Guaranteed Maximum Price and direct staff to continue the project.



November 25, 2019

Mr. John Mitchell
Henderson County
Business and Community Director
100 North King Street
Hendersonville, North Carolina 28792

Re: Henderson County
Hendersonville High School
GMP #2 – Early Structural/Site Package

Dear John,

Please find the Guaranteed Maximum Price (GMP) #2 for the Hendersonville High School project attached to this letter for your review and approval. Along with the accompanying packet i.e. GMP #2; we ask the following clarifications and or qualifications be reviewed used to compute the attached Guaranteed Maximum Price proposal relative to this early procurement package.

Early Structural/Site Package as outlined by PFA/LS3P 95% Documents, Dated 10/18/2019, and addendums 01 – 04.	\$ 15,828,847.00.00
Guaranteed Maximum Price #2 Total	\$ 15,828,847.00.00

GMP #2 – Hendersonville High School – Clarifications:

1. Site development permit fee is excluded from estimate, to be provided by Other
2. Tap and or impact fees are excluded from estimate, to be provided by Other
3. Building permit fee is excluded from estimate, to be provided by Other
4. Allowance No. 1 of 6,250 CY of unsuitable soils is included in base bid.
5. Allowance No. 2 of \$10,000.00 is included in base bid for dewatering measures specifically related to groundwater.
6. Allowance No. 3 of 70CY of mass rock excavation is included in base bid. Trench rock excavation is not included, but a unit price is provided.
7. Allowance No. 8 of 575SF of removal of spalling plaster at existing walls other than as specifically noted in the drawings is included in base bid.
8. Allowance No. 10 of 830SY of track/asphalt repair is included in base bid.
9. Allowances 4, 5, 6, 7, and 9 are either not used, or not included in this GMP2 base bid.
10. Unit Prices:

Unit Price No. 1 – unsuitable soils excavation	\$ 37.76/ CY
Unit Price No. 2 – mass rock excavation	\$ 64.73/ CY
Unit Price No. 3 – removal of spalling plaster	\$ 4.32/ SF

www.jrvannoy.com

551 Brevard Road Suite 111 Asheville, NC 28806 OFFICE 828-575-1300 FAX 828-575-1374
NC GENERAL CONTRACTORS LICENSE NO. 3810 (UNLIMITED)



Unit Price No. 4 – repair of spalling plaster	N.A. to GMP#2
Unit Price No. 5 – track/asphalt repair	\$ 70.12/ SY
Unit Price CR6 – trench rock excavation	\$ 269.70/ CY
Unit Price CR10 – removal/abate asbestos floor tile	\$ 2.43/ SF
Unit Price CR11 – removal/abate asbestos floor tile mastic	\$ 2.43/ SF
Unit Price CR12 – removal/abate asbestos window/brick caulk	\$ 21.58/ LF
Unit Price CR13 – removal/abate asbestos window glazing	\$ 21.58/ LF
Unit Price CR14 – lead paint removal (if above exposure limit)	\$ 86.30/ SF
Unit Price CR15 – Not Used	
Unit Price CR16 – soil conditioning (e.g. lime)	\$ 80.91/ CY

Additionally, the following requested Alternate pricing options have been included separately for the Owner's consideration. These are NOT included in the base bid amounts listed above.

Alternate No. 5: Upgraded Walkway Finishes **...ADD \$156,467.00**

Alternate: Provide integral colored concrete finish in addition to the base bid scoring pattern shown on A-001.A, and as further outlined in PFA Architects Addendum #4, for all designated walkway areas in the courtyard.

Base Bid: Provide scored concrete pattern paving, as shown on A-001.A, at all designated walkway areas in the courtyard.

Alternate No. 13: Preferred Supplier CMU Masonry **...ADD \$ 0.00**

Alternate: Provide concrete masonry units (CMU) from an approved manufacturer in accordance with the requirements of the drawings & specifications and supplied by Cason Builders Supply.

Base Bid: Provide concrete masonry units (CMU) from an approved manufacturer in accordance with the requirements of the drawings & specifications

Alternate No. 15: Stone Salvage **...ADD \$394,137.00 ***

Alternate: Salvage all of the existing stone veneer at the Old Aux. Gymnasium. Includes careful removal of stone, preserving stones intact, palletizing and delivering to designated storage location, no greater than ½ mile from the Project Site.

Base Bid: Include salvage of 1,000 SF (measured at the building face) of stone veneer from the Old Aux. Gymnasium. Work includes careful removal of the stone, preserving stones intact, palletizing and delivery to designated storage location at the Project Site.

* If selected, this alternate could have additional impacts to the overall schedule for the Project, including a potential cost impact for General Conditions. The demolition of the existing Aux Gym and foundations for the Area B are critical to the schedule, and this



alternate would increase the duration of the demolition activity for this building substantially.

We are very excited about the opportunity to work with you and service your construction needs for this project. If you should have any comments or questions regarding this topic please direct to my attention at brian.walker@jrvannoy.com or my cell at 828-772-4711.

Sincerely,

A handwritten signature in blue ink that reads 'Brian Walker'.

Brian Walker
Vice President
Vannoy Construction

Enc.

Attch: Hendersonville High School - GMP #2

CC: David Berry – Henderson County
Maggie Carnevale – PFA Architects
Jaime Henderson – LS3P
Erin Renwick – Vannoy Construction
File

Executive Overview

November 22, 2019

Owner:

Henderson County
Hendersonville, North Carolina



Architect

LS3P
110 West North Street
Greenville, South Carolina 29601
(864) 233-4027



PFA Architects, PA
196 Coxe Avenue
Asheville, North Carolina 28801
(828) 254-1963



Contractor

Vannoy Construction
551 Brevard Road, Suite 111
Asheville, North Carolina 28806
(828) 575-1300



Building Type Breakdown

Enclosed Square Footage	180,468 sqft
New Construction	91,400 sqft
Stillwell Renovation	68,166 sqft
Gym Renovation	20,902 sqft

Total Project Budget Comparison

Approved Total Project Budget	\$59,175,605
Current Projected Total Project Costs (thru GMP#2)	<u>\$59,133,268</u>
Variance	(\$42,337)



Hendersonville High School
GMP #2 Estimate
Hendersonville, North Carolina



Contact: Erin Renwick
Date: 11/22/2019
Total SF: 180,468

WORK TRADE DESCRIPTION:	GMP #1	GMP #2	ESTIMATE (BALANCE OF WORK)	TOTAL ESTIMATE (GMP #1 + GMP #2 + BALANCE OF WORK)	COST PER SF:	% OF TOTAL:
1 GENERAL REQUIREMENTS		\$ 398,564	\$ 360,283	\$ 758,847	\$ 2.00	2%
2 DEMOLITION/ABATEMENT		\$ 1,256,540	\$ -	\$ 1,256,540	\$ -	3%
3 CONCRETE		\$ 2,915,845	\$ -	\$ 2,915,845	\$ -	6%
4 PRECAST			\$ -	\$ -	\$ -	0%
5 MASONRY		\$ 1,204,795	\$ 1,396,017	\$ 2,600,812	\$ 7.74	5%
6 STRUCTURAL STEEL		\$ 2,708,398	\$ -	\$ 2,708,398	\$ -	5%
7 ROUGH CARPENTRY/MILLWORK			\$ 332,921	\$ 332,921	\$ 1.84	1%
8 WATERPROOFING & SEALANTS/EXPANSION CONTROL			\$ 478,809	\$ 478,809	\$ 2.65	1%
9 EIFS/STUCCO			\$ -	\$ -	\$ -	0%
10 METAL PANELS			\$ 807,738	\$ 807,738	\$ 4.48	2%
11 ROOFING			\$ 615,264	\$ 615,264	\$ 3.41	1%
12 FIREPROOFING			\$ -	\$ -	\$ -	0%
13 DOORS, FRAMES & HARDWARE			\$ 646,350	\$ 646,350	\$ 3.58	1%
14 OVERHEAD DOORS			\$ 55,500	\$ 55,500	\$ 0.31	0%
15 GLASS & GLAZING			\$ 1,930,983	\$ 1,930,983	\$ 10.70	4%
16 DRYWALL ASSEMBLIES	\$ 25,000		\$ 2,551,401	\$ 2,576,401	\$ 14.14	5%
17 ACOUSTICAL TREATMENT	\$ 10,000		\$ 565,837	\$ 575,837	\$ 3.14	1%
18 HARD TILING			\$ 209,311	\$ 209,311	\$ 1.16	0%
19 WOOD FLOORING			\$ 129,086	\$ 129,086	\$ 0.72	0%
20 RESILIENT FLOORING & CARPET	\$ 5,000		\$ 673,779	\$ 678,779	\$ 3.73	1%
21 SPECIAL FLOORING			\$ -	\$ -	\$ -	0%
22 PAINTING			\$ 398,198	\$ 398,198	\$ 2.21	1%
23 TOILET PARTITIONS			\$ 149,550	\$ 149,550	\$ 0.83	0%
24 TOILET ACCESSORIES			\$ 59,910	\$ 59,910	\$ 0.33	0%
25 MISC. SPECIALTIES			\$ 640,980	\$ 640,980	\$ 3.55	1%
26 SIGNAGE			\$ 100,000	\$ 100,000	\$ 0.55	0%
27 RESIDENTIAL APPLIANCES			\$ 5,000	\$ 5,000	\$ 0.03	0%
28 KITCHEN EQUIPMENT			\$ -	\$ -	\$ -	0%
29 THEATRICAL EQUIPMENT			\$ 350,000	\$ 350,000	\$ 1.94	1%
30 ATHLETIC EQUIPMENT			\$ 143,500	\$ 143,500	\$ 0.80	0%
31 HOODS/LAB EQUIPMENT			\$ 149,680	\$ 149,680	\$ 0.83	0%
32 WINDOW TREATMENTS			\$ 125,146	\$ 125,146	\$ 0.69	0%
33 CASEWORK			\$ 578,482	\$ 578,482	\$ 3.21	1%
34 SEATING-FIXED/MULTIPLE			\$ 271,196	\$ 271,196	\$ 1.50	1%
35 FURNITURE			\$ -	\$ -	\$ -	0%
36 PRESSBOX			\$ 59,315	\$ 59,315	\$ 0.33	0%
37 ELEVATORS			\$ 319,000	\$ 319,000	\$ 1.77	1%
38 FIRE PROTECTION			\$ 882,379	\$ 882,379	\$ 4.89	2%
39 PLUMBING			\$ 1,887,695	\$ 1,887,695	\$ 10.46	4%
40 HVAC & MECHANICAL SYSTEMS			\$ 5,565,471	\$ 5,565,471	\$ 30.84	11%
41 ELECTRICAL	\$ 75,000	\$ 131,896	\$ 3,963,408	\$ 4,170,304	\$ 21.96	8%
42 SITE WORK	\$ 603,000	\$ 4,383,412	\$ -	\$ 4,986,412	\$ -	10%
43 SHORING			\$ -	\$ -	\$ -	0%
44 SPECIAL FOUNDATIONS			\$ -	\$ -	\$ -	0%
45 REPAVE OAKLAND STREET			\$ -	\$ -	\$ -	0%
46 SITE CONCRETE			\$ -	\$ -	\$ -	0%
47 SITE FURNISHINGS			\$ 66,000	\$ 66,000	\$ 0.37	0%
48 FENCING & SECURITY			\$ 364,940	\$ 364,940	\$ 2.02	1%
49 LANDSCAPING			\$ 154,251	\$ 154,251	\$ 0.85	0%
50 SITE DOMESTIC WATER			\$ -	\$ -	\$ -	0%
51 SITE SANITARY SEWER			\$ -	\$ -	\$ -	0%
52 SITE STORM SEWER			\$ -	\$ -	\$ -	0%
53 NATURAL GAS			\$ -	\$ -	\$ -	0%
54 SITE ELECTRICAL SERVICE & COMMUNICATION			\$ -	\$ -	\$ -	0%
55 RELOCATE COURTYARD SEWER LINE	\$ 400,000		\$ -	\$ 400,000	\$ -	1%
56 RELOCATE 36" STORM LINE	\$ 50,000		\$ -	\$ 50,000	\$ -	0%
57 BALANCE TO APPROVED BUDGET	\$ (38,165)		\$ -	\$ (38,165)	\$ -	0%
COST OF WORK	\$ 1,129,835	\$ 12,999,452	\$ 26,987,380	\$ 41,116,667	\$ 149.54	83%
58 GENERAL CONDITIONS	\$ 54,564	\$ 1,253,843	\$ 2,059,371	\$ 3,367,778	\$ 11.41	7%
59 LIABILITY INSURANCE	\$ 14,059	\$ 182,032	\$ 375,948	\$ 572,040	\$ 2.08	1.15%
60 SUBCONTRACTOR DEFAULT INSURANCE	\$ 15,282	\$ 194,992	\$ 404,811	\$ 615,084	\$ 2.24	1.23%
61 BUILDERS RISK	\$ 2,445	\$ 31,658	\$ 65,382	\$ 99,485	\$ 0.36	0.20%
62 BOND/CORP GUARANTEE	\$ 11,614	\$ 150,374	\$ 310,566	\$ 472,554	\$ 1.72	0.9%
CONSTRUCTION COST SUBTOTAL	\$ 1,227,799	\$ 14,812,350	\$ 30,203,458	\$ 46,243,608	\$ 167.36	93%
63 CONTINGENCY-DESIGN	\$ -	\$ -	\$ -	\$ -	\$ -	0%
64 CONTINGENCY-STILLWELL GROUNDWATER ISSUES/UNKNOWN:	\$ -	\$ -	\$ 400,000	\$ 400,000	\$ 2.22	1%
65 CONTINGENCY-CONSTRUCTION	\$ 36,677	\$ 444,370	\$ 906,104	\$ 1,387,151	\$ 5.02	3%
66 CM FEE	\$ 48,849	\$ 572,127	\$ 1,181,609	\$ 1,802,585	\$ 6.55	3.62%
CONSTRUCTION COST TOTAL	\$ 1,313,325	\$ 15,828,847	\$ 32,691,170	\$ 49,833,344	\$ 181.15	100%
67 ESCALATION						
ESTIMATED CONSTRUCTION COST TOTAL				\$49,833,344	\$276.13	100%
Estimated Soft Costs						
Design Fees				\$2,415,000		
Technical/Inspections & Fees - ALLOWANCE				\$1,100,000		
ERRC Allowance- New Construction Only				\$56,151		
FFE & Technology - ALLOWANCE				\$3,517,141		
Permit Fees				\$300,000		
Electrical utility relocations				\$50,000		
Design Contingency				\$653,823		
Owner Contingency				\$966,247		
Precon Fee				\$241,562		
ESTIMATED TOTAL PROJECT BUDGET				\$59,133,268		

PROPRIETARY ALTERNATES	TOTAL:	COST/ SF:	%
Alt1 New Press Box with Fence	\$ -	\$ -	0.0%
Alt2 New Press Box with Screen Wall	\$ -	\$ -	0.0%
Alt3 Metal Panels at Main Gym	\$ -	\$ -	0.0%
Alt4 Upgraded Floor Finishes	\$ -	\$ -	0.0%
Alt5 Upgraded Walkway Finishes	\$ 156,467	\$ -	0.0%
Alt6 Batting Cage	\$ -	\$ -	0.0%
Alt7 Preferred Brand Hardware	\$ -	\$ -	0.0%
Alt8 Preferred Brand Plumbing Fixtures	\$ -	\$ -	0.0%
Alt9 Preferred Brand HVAC Controls	\$ -	\$ -	0.0%
Alt10 Preferred Brand VRF	\$ -	\$ -	0.0%
Alt11 Preferred Brand Generator	\$ -	\$ -	0.0%
Alt12 Preferred Brand Fire Alarm	\$ -	\$ -	0.0%
Alt13 Preferred Supplier CMU Masonry	No Change	\$ -	0.0%
Alt14 Ticket Booth	\$ -	\$ -	0.0%
Alt15 Stone Salvage	\$ 394,137	\$ -	0.0%



Hendersonville High School
GMP #2 Estimate
Hendersonville, North Carolina

Contact: Erin Renwick
Date: 11/22/2019
Total SF: 180,468

WORK TRADE DESCRIPTION:	DD ESTIMATE 09/09/2019	GMP #1	GMP #2	ESTIMATE (BALANCE OF WORK)	TOTAL ESTIMATE (GMP #1 + GMP #2 + BALANCE OF WORK)	COST PER SF:	% OF TOTAL:	Variance (TOTAL PROJECTED vs DD)	Notes
1 GENERAL REQUIREMENTS	\$ 758,847		\$ 398,564	\$ 360,283	\$ 758,847	\$ 2.00	2%	\$ -	
2 DEMOLITION	\$ 1,793,000		\$ 1,256,540	\$ -	\$ 1,256,540	\$ -	3%	\$ (536,460)	Site demo included in site bid package
3 CONCRETE	\$ 1,954,424		\$ 2,915,845	\$ -	\$ 2,915,845	\$ -	6%	\$ 961,421	Includes site concrete, fdn wall wp, backfill, moisture barrier admix
4 PRECAST	\$ -		\$ -	\$ -	\$ -	\$ -	0%	\$ -	
5 MASONRY	\$ 2,411,220		\$ 1,204,795	\$ 1,396,017	\$ 2,600,812	\$ 7.74	5%	\$ 189,592	Includes waterproofing, insulation to grade
6 STRUCTURAL STEEL	\$ 2,520,568		\$ 2,708,398	\$ -	\$ 2,708,398	\$ -	5%	\$ 187,830	Includes site misc steel
7 ROUGH CARPENTRY/MILLWORK	\$ 332,921		\$ -	\$ 332,921	\$ 332,921	\$ 1.84	1%	\$ -	
8 WATERPROOFING & SEALANTS/EXPANSION CONTROL	\$ 624,532		\$ -	\$ 478,809	\$ 478,809	\$ 2.65	1%	\$ (145,723)	Bought wall/fdn waterproofing in concrete
9 EIFS/STUCCO	\$ -		\$ -	\$ -	\$ -	\$ -	0%	\$ -	
10 METAL PANELS	\$ 807,738		\$ -	\$ 807,738	\$ 807,738	\$ 4.48	2%	\$ -	
11 ROOFING	\$ 615,264		\$ -	\$ 615,264	\$ 615,264	\$ 3.41	1%	\$ -	
12 FIREPROOFING	\$ -		\$ -	\$ -	\$ -	\$ -	0%	\$ -	
13 DOORS, FRAMES & HARDWARE	\$ 646,350		\$ -	\$ 646,350	\$ 646,350	\$ 3.58	1%	\$ -	
14 OVERHEAD DOORS	\$ 55,500		\$ -	\$ 55,500	\$ 55,500	\$ 0.31	0%	\$ -	
15 GLASS & GLAZING	\$ 1,930,983		\$ -	\$ 1,930,983	\$ 1,930,983	\$ 10.70	4%	\$ -	
16 DRYWALL ASSEMBLIES	\$ 2,576,401	\$ 25,000	\$ -	\$ 2,551,401	\$ 2,576,401	\$ 14.14	5%	\$ -	
17 ACOUSTICAL TREATMENT	\$ 575,837	\$ 10,000	\$ -	\$ 565,837	\$ 575,837	\$ 3.14	1%	\$ -	
18 HARD TILING	\$ 209,311	\$ -	\$ -	\$ 209,311	\$ 209,311	\$ 1.16	0%	\$ -	
19 WOOD FLOORING	\$ 129,086	\$ -	\$ -	\$ 129,086	\$ 129,086	\$ 0.72	0%	\$ -	
20 RESILIENT FLOORING & CARPET	\$ 705,138	\$ 5,000	\$ -	\$ 673,779	\$ 678,779	\$ 3.73	1%	\$ (26,359)	Bought floor mitigation in concrete (additive)
21 SPECIAL FLOORING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	
22 PAINTING	\$ 398,198	\$ -	\$ -	\$ 398,198	\$ 398,198	\$ 2.21	1%	\$ -	
23 TOILET PARTITIONS	\$ 149,550	\$ -	\$ -	\$ 149,550	\$ 149,550	\$ 0.83	0%	\$ -	
24 TOILET ACCESSORIES	\$ 59,910	\$ -	\$ -	\$ 59,910	\$ 59,910	\$ 0.33	0%	\$ -	
25 MISC. SPECIALTIES	\$ 640,980	\$ -	\$ -	\$ 640,980	\$ 640,980	\$ 3.55	1%	\$ -	
26 SIGNAGE	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 0.55	0%	\$ -	
27 RESIDENTIAL APPLIANCES	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ 5,000	\$ 0.03	0%	\$ -	
28 KITCHEN EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	
29 THEATRICAL EQUIPMENT	\$ 350,000	\$ -	\$ -	\$ 350,000	\$ 350,000	\$ 1.94	1%	\$ -	
30 ATHLETIC EQUIPMENT	\$ 143,500	\$ -	\$ -	\$ 143,500	\$ 143,500	\$ 0.80	0%	\$ -	
31 HOODS/LAB EQUIPMENT	\$ 149,680	\$ -	\$ -	\$ 149,680	\$ 149,680	\$ 0.83	0%	\$ -	
32 WINDOW TREATMENTS	\$ 125,146	\$ -	\$ -	\$ 125,146	\$ 125,146	\$ 0.69	0%	\$ -	
33 CASEWORK	\$ 578,482	\$ -	\$ -	\$ 578,482	\$ 578,482	\$ 3.21	1%	\$ -	
34 SEATING-FIXED/MULTIPLE	\$ 271,196	\$ -	\$ -	\$ 271,196	\$ 271,196	\$ 1.50	1%	\$ -	
35 FURNITURE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	
36 PRESSBOX	\$ 59,315	\$ -	\$ -	\$ 59,315	\$ 59,315	\$ 0.33	0%	\$ -	
37 ELEVATORS	\$ 319,000	\$ -	\$ -	\$ 319,000	\$ 319,000	\$ 1.77	1%	\$ -	
38 FIRE PROTECTION	\$ 882,379	\$ -	\$ -	\$ 882,379	\$ 882,379	\$ 4.89	2%	\$ -	
39 PLUMBING	\$ 1,887,695	\$ -	\$ -	\$ 1,887,695	\$ 1,887,695	\$ 10.46	4%	\$ -	
40 HVAC & MECHANICAL SYSTEMS	\$ 5,565,471	\$ -	\$ -	\$ 5,565,471	\$ 5,565,471	\$ 30.84	11%	\$ -	
41 ELECTRICAL	\$ 4,170,304	\$ 75,000	\$ 131,896	\$ 3,963,408	\$ 4,170,304	\$ 21.96	8%	\$ -	
42 SITE WORK	\$ 3,294,040	\$ 603,000	\$ 4,383,412	\$ -	\$ 4,986,412	\$ -	10%	\$ 1,692,372	Includes unsuitables, soil nails, shoring, site concrete
43 SHORING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	
44 SPECIAL FOUNDATIONS	\$ 227,055	\$ -	\$ -	\$ 227,055	\$ 227,055	\$ -	0%	\$ (227,055)	Included in site work
45 REPAVE OAKLAND STREET	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ -	0%	\$ (200,000)	Included in site work
46 SITE CONCRETE	\$ 1,357,926	\$ -	\$ -	\$ 1,357,926	\$ 1,357,926	\$ -	0%	\$ (1,357,926)	Included in site work and concrete
47 SITE FURNISHINGS	\$ 279,200	\$ -	\$ -	\$ 66,000	\$ 66,000	\$ 0.37	0%	\$ (213,200)	Included in masonry bid package
48 FENCING & SECURITY	\$ 381,815	\$ -	\$ -	\$ 364,940	\$ 364,940	\$ 2.02	1%	\$ (16,875)	Partial included in concrete
49 LANDSCAPING	\$ 154,251	\$ -	\$ -	\$ 154,251	\$ 154,251	\$ 0.85	0%	\$ -	
50 SITE DOMESTIC WATER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	
51 SITE SANITARY SEWER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	
52 SITE STORM SEWER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	
53 NATURAL GAS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	
54 SITE ELECTRICAL SERVICE & COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	
55 RELOCATE COURTYARD SEWER LINE	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ 400,000	\$ -	1%	\$ -	
56 RELOCATE 36" STORM LINE	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ -	0%	\$ -	
57 BALANCE TO APPROVED BUDGET	\$ 33,816	\$ (38,165)	\$ -	\$ -	\$ (38,165)	\$ -	0%	\$ (71,981)	GMP #1 savings included
COST OF WORK	\$ 40,881,028	\$ 1,129,835	\$ 12,999,451	\$ 26,987,380	\$ 41,116,667	\$ 149.54	83%	\$ 235,639	
58 GENERAL CONDITIONS	\$ 3,367,778	\$ 54,564	\$ 1,253,843	\$ 2,059,371	\$ 3,367,778	\$ 11.41	7%	\$ -	
59 LIABILITY INSURANCE	\$ 568,106	\$ 14,059	\$ 182,032	\$ 375,948	\$ 572,040	\$ 2.08	1.15%	\$ 3,934	
60 SUBCONTRACTOR DEFAULT INSURANCE	\$ 610,470	\$ 15,282	\$ 194,992	\$ 404,811	\$ 615,084	\$ 2.24	1.23%	\$ 4,614	
61 BUILDERS RISK	\$ 98,801	\$ 2,445	\$ 31,658	\$ 65,382	\$ 99,485	\$ 0.36	0.20%	\$ 684	
62 BOND/CORP GUARANTEE	\$ 469,305	\$ 11,614	\$ 150,374	\$ 310,566	\$ 472,554	\$ 1.72	0.9%	\$ 3,249	
CONSTRUCTION COST SUBTOTAL	\$ 45,995,488	\$ 1,227,799	\$ 14,812,349	\$ 30,203,459	\$ 46,243,608	\$ 167.36	93%	\$ 248,120	
63 CONTINGENCY-DESIGN	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	
64 CONTINGENCY-STILLWELL GROUNDWATER ISSUES/UNKNOWN	\$ 400,000	\$ -	\$ -	\$ 400,000	\$ 400,000	\$ 2.22	1%	\$ -	
65 CONTINGENCY-CONSTRUCTION	\$ 1,377,548	\$ 36,677	\$ 444,370	\$ 906,104	\$ 1,387,151	\$ 5.02	3%	\$ 9,604	
66 CM FEE	\$ 1,790,221	\$ 48,849	\$ 572,127	\$ 1,181,609	\$ 1,802,585	\$ 6.55	3.62%	\$ 12,364	
CONSTRUCTION COST TOTAL	\$ 49,563,257	\$ 1,313,325	\$ 15,828,847	\$ 32,691,171	\$ 49,833,344	\$ 181.15	100%	\$ 270,088	
67 ESCALATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	
ESTIMATED CONSTRUCTION COST TOTAL	\$49,563,257				\$49,833,344	\$276.13	100%	\$270,088	
Estimated Soft Costs									
Design Fees	\$2,415,000				\$2,415,000			\$ -	
Technical/Inspections & Fees - ALLOWANCE	\$1,100,000				\$1,100,000			\$ -	
ERRC Allowance- New Construction Only	\$56,151				\$56,151			\$ -	
FFE & Technology - ALLOWANCE	\$3,517,141				\$3,517,141			\$ -	
Permit Fees	\$300,000				\$300,000			\$ -	
Electrical utility relocations	\$50,000				\$50,000			\$ -	
Design Contingency	\$966,247				\$653,823			\$ (312,424)	Adjusted based on volume bid
Owner Contingency	\$966,247				\$966,247			\$ -	
Precon Fee	\$241,562				\$241,562			\$ -	
ESTIMATED TOTAL PROJECT BUDGET	\$59,175,605				\$59,133,268			\$ (42,337)	

Project:	Hendersonville High School GMP #2 Estimate Hendersonville, North Carolina	Hendersonville High School		Estimate Date:	11/22/2019
		GMP #2 Estimate		Revision:	
		New Classrooms		Addenda:	
Location:	0	TOTAL SF:	180,468.00	Prepared By:	DLF
Architect:	PFA/LS3P	Cost/ SF:	\$ 87.71	Reviewed By:	



Site Development		AC	Building Elevations - Veneer Breakdown %				Verification
Building Square Footage	180,468.00	SF	Tilt-up Walls	#DIV/0!	\$ -	SF	FALSE
Building Perimeter - A		LF	Wood Veneer	#DIV/0!	\$ -	SF	FALSE
Building Height (TOW)		LF	EIFS	#DIV/0!	\$ -	SF	FALSE
Building Perimeter - B		LF	Metal Panels	#DIV/0!	\$ -	SF	FALSE
Building Height (TOW)		LF	Curtainwall	0%	\$ -	SF	FALSE
Building Elevations - A		SF	Storefront	#DIV/0!	\$ -	SF	FALSE
Building Elevations - B		SF	Sunshade	0%	\$ -	SF	FALSE
Building Elevations Square Footage		SF	TOTAL	#DIV/0!	\$ -	SF	TRUE

First floor (TOW)		LF	Building Square Footage - Total Breakdown				Verification
Second floor (TOW)		LF	First floor		\$ 180,468	SF	TRUE
Third floor (TOW)		LF	Second floor			SF	TRUE
Fourth floor (TOW)		LF	Third floor		\$ -	SF	FALSE
Parapet (TOW)		LF	Fourth floor		\$ -	SF	FALSE
TOTAL		LF	TOTAL		\$ 180,468	SF	TRUE

CSI	Description	Quantity	Unit	Unit Price	Unit Cost	TOTALS	\$/ SF
BP240	General Requirements	180,468.00	sf	\$ -		\$ 398,564	\$ 2.21
	General Requirements	1.00	Isum	\$ 91,314.00	\$ 91,314		
	Additional Cranes for Steel	1.00	Isum	\$ 75,000.00	\$ 75,000		
	Misc Crane Use	1.00	Isum	\$ 150,000.00	\$ 150,000		
	Pads and Access for Cranes	5,000.00	sqft	\$ 15.00	\$ 75,000		
	Badging/Background Checks	100.00	each	\$ 72.50	\$ 7,250		
					\$ -		
BP210	Demolition	180,468.00	sf	\$ -		\$ 1,256,540	\$ 6.96
	Demo	1.00	Isum	\$ 1,248,540.30	\$ 1,248,540		
	P&P Bond	1.00	Isum		\$ -		
	Interior Demolition						
	Hazardous Material Abatement	1.00	ALLOW		\$ -		
	New Classrooms				\$ -		
	D2 Remove Ex. Wall - Vocational	3,016.00	sqft		\$ -		
	D7 Remove Ex. Door & Frame - Vocational	5.00	each		\$ -		
	D8 Remove Ex. Door, Frame to Remain	2.00	each		\$ -		
	D20 Remove All Shelving, Casework & Assoc. Fixtures-Vocation	141.00	lnft		\$ -		
	D24 Remove Ex.Plumbing Fixtures	10.00	each		\$ -		
	Salvage Wood Flooring from Aux Gym	1.00	Isum	\$ 8,000.00	\$ 8,000		
	Stillwell				\$ -		
	Existing Stilwell Stairs & Steps to be Demolished	2.00	each		\$ -		
	Existing Stilwell Mechanical Equipment to be Relocated	1.00	Isum		\$ -		
	Remove SOG at Basement for Water Mitigation, Trench Drains	480.00	sqft		\$ -		
	Remove Interior Walls at Basement	271.00	sqft		\$ -		
	Remove Ex. Fire Escape Structure	2.00	each		\$ -		
	Remove Ex. Areaway Steps, Walls & Railings	63.00	sqft		\$ -		
	Demo Doors/Frames/Hardware	3.00	each		\$ -		
	Remove Ex. Areaway Slabs & Walls	19.00	sqft		\$ -		
	D1 Remove Ex. Window	18.00	sqft		\$ -		
	D2 Remove Ex. Wall	13,188.00	sqft		\$ -		
	D3 Remove Ex. Corridor Chase Wall	1,004.00	sqft		\$ -		
	D4 Remove Ex. Wall, Footings	514.00	sqft		\$ -		
	D6 Enlarge Ex. Opening	596.00	sqft		\$ -		
	D7 Remove Ex. Door & Frame	173.00	sqft		\$ -		
	D9 Remove Ex. Door & Sidelights	12.00	each		\$ -		
	D10 Remove Ex. Window	241.00	each		\$ -		
	D11 Remove Ex. Ramp & Railings	62.00	sqft		\$ -		
	D12 Remove Ex. Steps & Railings	629.00	sqft		\$ -		
	D13 Remove Ex. Auditorium Seats	869.00	each		\$ -		
	D14 Remove Ex. Fire Escape Stair & Enclosure	6.00	each		\$ -		
	D15 Remove Ex. Chorus Risers	370.00	sqft		\$ -		
	D17 Remove Ex.Toilet Partitions, Fixtures & Accessories	23.00	each		\$ -		
	D18 Remove Ex. Wing Wall & Soffits at Lockers	1,753.00	sqft		\$ -		

D19 Remove Wood Subfloor & Sleepers This Room	15,810.00	sqft		\$	-				
D21 Remove Ex. Vent	5.00	each		\$	-				
D22 Remove Ex. Lockers	392.00	each		\$	-				
D24 Remove Ex. Plumbing Fixtures	101.00	each		\$	-				
D25 Remove Ex. Handrails & Wood Cap at Center Stair Wall	382.00	lnft		\$	-				
D27 Remove Ex. Site Fencing	51.00	lnft		\$	-				
D28 Remove Ex. Door Frame	4.00	each		\$	-				
D29 Remove Existing Casework	823.00	lnft		\$	-				
Remove All Floor Finishes & Base	10,527.00	lnft		\$	-				
Remove SOG at Basement for New Ramp	677.00	sqft		\$	-				
Remove Portion of Ex. Stage & Support Structure	479.00	sqft		\$	-				
Remove Hardware on Doors to Remain	3.00	each		\$	-				
Remove Plaster Ceiling Beneath Balcony	1,835.00	sqft		\$	-				
Remove Ex. Vault, Turn Over to Owner	1.00	each		\$	-				
Remove Ex. Elevator	1.00	each		\$	-				
Remove Floor & Structure for New Stair to Basement	131.00	sqft		\$	-				
Remove Raised Floor at Control Room	153.00	sqft		\$	-				
Existing Gym				\$	-				
Remove Interior Walls at Ex. Gym to Remain	6,313.00	sqft		\$	-				
Remove/Replace SOG at Ex. Gym	4,549.00	sqft		\$	-				
Remove Ex. Stair Tower at Ex. Gym to Remain	2.00	each		\$	-				
Demo Doors/Frames/Hardware-Ex. Gym	33.00	each		\$	-				
Demo Toilet Partitions/Shower Stalls-Ex. Gym	17.00	each		\$	-				
Demo Sinks, Toilets-Ex. Gym	34.00	each		\$	-				
Remove Ex. Windows-Ex. Gym To Remain	95.00	sqft		\$	-				
Remove Ex. Louvers-Ex. Gym To Remain	36.00	sqft		\$	-				
Remove Existing Finish Floor, Base-Ex. Gym	434.00	sqft		\$	-				
				\$	-				
BP390	Turnkey Concrete	180,468.00	sf	\$	-	\$	2,915,845	\$	16.16
	Concrete Subcontractor	1.00	lsum	\$	2,915,845.32	\$	2,915,845		
	P&P Bond	1.00	lsum	\$		\$	-		
	Cast in place concrete foundations								
	Spread Footings			\$	-				
	F3.0 CIP Footings 3x3x1	1.00	cuyd	\$	-				
	F4 CIP Footings 4x4x1	11.00	cuyd	\$	-				
	F5 CIP Footings 5x5x1-2"	17.00	cuyd	\$	-				
	F6A CIP Footings 6x6x1'6"	14.00	cuyd	\$	-				
	F8 CIP Footings 8x8x2'	185.00	cuyd	\$	-				
	F9 CIP Footings 9x9x1'2"	11.00	cuyd	\$	-				
	F9A CIP Footings 9x9x1'6"	45.00	cuyd	\$	-				
	Continuous Footings			\$	-				
	Cont. Footing 2x1 (3,4,6/S203)	106.00	cuyd	\$	-				
	Cont. Footing 2x1 (2/S205)	3.00	cuyd	\$	-				
	Cont. Footing 3x1 (7/S203)	116.00	cuyd	\$	-				
	Cont. Footing 4x1 (13,14/S203)	40.00	cuyd	\$	-				
	Cont. Ret Wall Footing 5x1.5 (6/S202)	62.00	cuyd	\$	-				
	Cont. Ret Wall Footing 7.5x1.5	72.00	cuyd	\$	-				
	Cont. Ret Wall Footing 7x1.33 (4/S205)	27.00	cuyd	\$	-				
	Cont. Ret Wall Footing 8.5x2	2.00	cuyd	\$	-				
	Cont. Ret Wall Footing 11x2 (4/S201)	296.00	cuyd	\$	-				
	Cont. Footing 2.5x1 (1/S205)	7.00	cuyd	\$	-				
	Cont. Footing 2.5x1 (7/S205)	6.00	cuyd	\$	-				
	Cont. Footing 2x1 (2/S205)	16.00	cuyd	\$	-				
	New Wall Footing at Ex. Fdn-2.5x2.33 (5/S205)	35.00	cuyd	\$	-				
	Concrete Beam 12x12	114.00	lnft	\$	-				
	Concrete Beam 8x12	100.00	lnft	\$	-				
	Footing 20x20	284.00	lnft	\$	-				
	Footing 24x12	98.00	lnft	\$	-				
				\$	-				
	Cast in place concrete walls								
	Concrete Piers			\$	-				
	P1 Concrete Pier 1.5x1.5x4	3.00	cuyd	\$	-				
	P2 Concrete Pier 2x2x4	7.00	cuyd	\$	-				
				\$	-				
	16" Dia Concrete Column	12.00	cuyd	\$	-				
				\$	-				
	Concrete Walls			\$	-				
	CIP Retaining Wall - 1'	205.00	cyds	\$	-				

	CIP Retaining Wall - 1.5'x13.33' at Shoring	100.00	cyds		\$	-		
	Blind Wall 8"x8"	135.00	lnft		\$	-		
					\$	-		
	CIP concrete slab on grade							
	SOG Thickend Edge	2,207.00	lnft		\$	-		
	SOG Thickened	31.00	cuyd		\$	-		
	4" SOG w/ 6x6 w1.2 WWR on VB on 4" #57 Stone	58,829.00	sqft		\$	-		
	6" SOG w/ 6x6 w1.2 WWR on VB on 4" #57 Stone	2,031.00	sqft		\$	-		
	Slab on Grade - Equipment Pads	1,500.00	sqft		\$	-		
	Slab on Grade - Concrete Locker Bases	1,248.00	sqft		\$	-		
	New Concrete Ramp at Auditorium Exit (SOG)	1,513.00	sqft		\$	-		
	Slab on Grade Infill	6,103.00	sqft		\$	-		
313116	Termite Control	59,442.00	sqft		\$	-		
					\$	-		
	CIP concrete slab on metal deck							
	5" LW SOD	20,970.00	sqft		\$	-		
	6" LW SOD	9,906.00	sqft		\$	-		
	4" LW Topping Slab over H2O Membrane over 6" LW SOD	1,679.00	sqft		\$	-		
	6" LW SOD	1,679.00	sqft		\$	-		
	5" LW SOD	926.00	sqft		\$	-		
	New LW Topping Slab over Rigid Insulation over Ex. Slab	491.00	sqft		\$	-		
	New LW Topping Slab ILO Wood Subfloors	15,810.00	sqft		\$	-		
	Infill Floor Slab w/ 2" Composite Floor Deck	158.00	sqft		\$	-		
					\$	-		
					\$	-		
	CIP concrete stair pan fill							
	Metal Pan Stair Fill	2.00	sets		\$	-		
	Metal Pan Stair Fill	1,221.00	sqft		\$	-		
					\$	-		
					\$	-		
	CIP Miscellaneous							
	Elevator Pit	2.00	each		\$	-		
	Dewatering	1.00	lsum		\$	-		
	Concrete Seats/Steps (Courtyard)	830.00	sqft		\$	-		
	Perimeter Insulation at SOG	11,900.00	sqft		\$	-		
	Water Mitigation Trench Bottom	517.00	sqft		\$	-		
	Water Mitigation Trench Walls	755.00	sqft		\$	-		
	Water Mitigation Trench #57 Stone	34.80	cuyd		\$	-		
					\$	-		
	Concrete Floor Patching at Removed Theater Seating	3,740.00	sqft		\$	-		
	Concrete Floor Patching	4,549.00	sqft		\$	-		
	Membrane Waterproofing - Elevator Pit	2.00	pit		\$	-		
	Membrane Waterproofing - Foundation Wall	8,119.00	sqft		\$	-		
	Membrane Waterproofing -W14= CIP Concrete Wall	46.00	sqft		\$	-		
	Caulking of SOG Joints	59,442.00	sqft		\$	-		
	Foundation Drain	926.00	lnft		\$	-		
	H2O Membrane over 6" LW SOD	1,679.00	sqft		\$	-		
	Rigid Insulation over Ex. Slab w/ LW Topping Slab	491.00	sqft		\$	-		
	Water Mitigation Trench 4" Perforated HDPE Pipe	204.00	lnft		\$	-		
	Drainage Mat & Foundation Drain	2,564.00	sqft		\$	-		
	W14=Drainage Board H2Oproofing, CIP Concrete Wall	237.00	sqft		\$	-		
	W14= Drainage Board H2Oproofing, CIP Concrete Wall	3,177.00	sqft		\$	-		
	Caulking of SOG Joints	-	sqft		\$	-		
	Moisture Mitigation-Aux Gym, Band, Chorus	11,715.00	sqft		\$	-		
					\$	-		
BP350	Precast	180,468.00	sf		\$	-	\$	-
BP400	Turnkey Masonry	180,468.00	sf		\$	-	\$	1,204,795
	Masonry Sub	1.00	lsum	\$	1,148,496.54	\$	1,148,497	
	P&P Bond	1.00	lsum	\$	-	\$	-	
	CMU Final Design Contingency	1.00	lsum	\$	56,298.85	\$	56,299	
	CMU							
	8" CMU at Slab Edge (4/S203)	5,800.00	sqft		\$	-		
	8" CMU at Elevator Pit (2/S204)	187.00	sqft		\$	-		
	8" CMU at Slab Edge (7/S203)	757.00	sqft		\$	-		
	6" CMU at Slab Edge (7/S203)	757.00	sqft		\$	-		
	W4-8" CMU	3,481.00	sqft		\$	-		
	W9- 12" CMU	10,685.00	sqft		\$	-		
	Type 7 (8" CMU, Insul. Fill, NR)	18,891.00	sqft		\$	-		
	Type 7A (8" CMU, Insul. Fill, 1HR)	3,602.00	sqft		\$	-		
	Type 7B (8" CMU, Insul. Fill, 2HR)	3,114.00	sqft		\$	-		

	Type 8 (12" CMU, Insul. Fill, NR)	6,375.00	sqft		\$	-		
	Type 8A (12" CMU, Insul. Fill, 1HR)	373.00	sqft		\$	-		
	4" Polished Face CMU Veneer w/ W10 Backup	389.00	sqft		\$	-		
	CMU Infill-Vocational	315.00	sqft		\$	-		
	W5= 8" CMU	495.00	sqft		\$	-		
	W7= 12" CMU	639.00	sqft		\$	-		
	8" CMU at Ex. Basement Wall (5/S205)	1,262.00	sqft		\$	-		
	8" CMU at Composite Floor Section(2/S205)	1,201.00	sqft		\$	-		
	8" CMU/6" CMU at Stair Tower Fdn(1/S205)	968.00	sqft		\$	-		
	8" CMU at Stillwell Ramp (7/S205)	369.00	sqft		\$	-		
	8" CMU at New Stair Towers	3,574.00	sqft		\$	-		
	Brick on CMU Infill	67.00	sqft		\$	-		
	Type 19 (8" CMU, NR)	308.00	sqft		\$	-		
	Type 20 (6" CMU, NR)	3,989.00	sqft		\$	-		
	Type 21 (8" CMU, NR)	5,194.00	sqft		\$	-		
	Type 23 (6" CMU, NR)	2,360.00	sqft		\$	-		
					\$	-		
					\$	-		
	Veneer							
	Misc							
079200	Waterproofing at Brick on CMU Infill	67.00	sqft		\$	-		
					\$	-		
BP500	Turnkey Structural Steel	180,468.00	sf	\$	-	\$	2,708,398	\$ 15.01
	Structural Steel	1.00	lsum	\$	2,531,958.00	\$	2,531,958	
	P&P Bond	1.00	lsum	\$		\$	-	
	Steel Framing							
	Structural Steel	282.40	tons	\$		\$	-	
	Roof Frame Openings	15.00	each	\$		\$	-	
	Structural Steel	3.58	tons	\$		\$	-	
				\$	-	\$	-	
	Steel beams							
	Steel joists							
						\$	-	
	Roof Joists - 10K1	96.00	lnft	\$		\$	-	
	Roof Joists - 12K1	1,012.00	lnft	\$		\$	-	
	Roof Joists - 16K2	471.00	lnft	\$		\$	-	
	Roof Joists - 18K3	1,105.00	lnft	\$		\$	-	
	Roof Joists - 20K5	289.00	lnft	\$		\$	-	
	Roof Joists - 20K6	34.00	lnft	\$		\$	-	
	Roof Joists - 20K7	142.00	lnft	\$		\$	-	
	Roof Joists - 20K10	1,238.00	lnft	\$		\$	-	
	Roof Joists - 22K7	222.00	lnft	\$		\$	-	
	Roof Joists - 22K9	1,746.00	lnft	\$		\$	-	
	Roof Joists - 22K10	285.00	lnft	\$		\$	-	
	Roof Joists - 24K7	215.00	lnft	\$		\$	-	
	Roof Joists - 24K8	871.00	lnft	\$		\$	-	
	Roof Joists - 25K1	18.00	lnft	\$		\$	-	
	Roof Joists - 40LH10	1,287.00	lnft	\$		\$	-	
			lnft	\$		\$	-	
				\$		\$	-	
	Metal decking							
	Metal Floor Deck	30,876.00	sqft	\$	-	\$	-	
	3" Roof Deck	51,690.00	lnft	\$		\$	-	
	2" Acoustical Metal Deck	8,008.00	lnft	\$		\$	-	
	Floor Decking at Topping Slabs	1,837.00	sqft	\$		\$	-	
	1.5" Roof Deck at New Stairs	574.00	sqft	\$		\$	-	
				\$		\$	-	
	Miscellaneous metals							
	Roof Ladders	2.00	each	\$		\$	-	
	Metal Pan Stairs - Flight, Landing Flight w/ rails	2.00	set	\$		\$	-	
	Ornamental Railing (no Glass)		lnft	\$		\$	-	
	Wall Railing		lnft	\$		\$	-	
	Railing - Multi-Line		lnft	\$		\$	-	
	Brick Relief Angles		lnft	\$		\$	-	
	Lintels - Loose Angles (galv.)	450.00	lnft	\$		\$	-	
	Lintels - Structurally Hung	276.00	lnft	\$		\$	-	
	Elevator - Hoist Beam	2.00	each	\$		\$	-	
	Elevator - Sill Angles	4.00	each	\$		\$	-	

	Elevator - Pit Ladder	2.00	each		\$	-			
	Elevator - Pit Grate and Frame	2.00	each		\$	-			
	Perimeter Safety Railing/Netting (roof only)		lnft		\$	-			
	Pipe Bollards - with Concrete Footing (Building)	15.00	each		\$	-			
	Supports - Toilet Partition (OHB)	243.00	each		\$	-			
	Supports - Operable Partition	54.00	lnft		\$	-			
	Supports - OH Coiling Door Channel Frames	4.00	each		\$	-			
	Masonry Wall Support		lnft		\$	-			
	Mock-up Panel Support (moved to Glass)		lsum		\$	-			
	Chiller Support Framing		each		\$	-			
	Additional Misc Steel Items	1.00	lsum		\$	-			
	Steel Design Completion Allowance	7%	Allow		\$	-			
	Metal Pan Stairs - Flight, Landing Flight w/ rails	7.00	set		\$	-			
	Ornamental Railing (no Glass)	100.00	lnft		\$	-			
	Elevator - Hoist Beam	1.00	each		\$	-			
	Replace Railings - Multi-Line at Existing Stairs	382.00	lnft		\$	-			
	Cut Pockets into Existing Fdn Wall	36.00	each		\$	-			
	Roof Ladders	1.00	each		\$	-			
	New Metal Steps-Lower Basement, 1st Floor	3.00	each		\$	-			
	Handrail at New Accessible Ramp at Auditorium Exit	239.00	lnft		\$	-			
	New Lintels	1.00	lsum		\$	-			
	Steel Design Completion Allowance	7%	Allow	\$	1,949,365.59	\$	136,456		
	New Steel Stairs in Ex. Stair Tower	7%	Allow	\$	506,686.02	\$	35,468		
	Steel Design Completion Allowance	7%	Allow	\$	64,516.13	\$	4,516		
						\$	-		
						\$	-		
BP610	Rough Carpentry and Blocking	180,468.00	sf	\$	-	\$	-	\$	-
BP640	Finish Carpentry and Casework	180,468.00	sf	\$	-	\$	-	\$	-
BP750	Roofing	180,468.00	sf	\$	-	\$	-	\$	-
BP7250	EIFS/Stucco	180,468.00	sf	\$	-	\$	-	\$	-
BP780	Sprayed on Fireproofing	64.00	sf	\$	-	\$	-	\$	-
BP740	Metal Panels	180,468.00	sf	\$	-	\$	-	\$	-
BP790	Caulking, Waterproofing, Firestopping	180,468.00	sf	\$	-	\$	-	\$	-
BP800	Doors, Frames, Hardware, Install	180,468.00	sf	\$	-	\$	-	\$	-
BP840	Aluminum Framed Openings, Glass	180,468.00	sf	\$	-	\$	-	\$	-
BP850	Special Doors	180,468.00	sf	\$	-	\$	-	\$	-
BP920	Metal Studs, Drywall, Insulation	180,468.00	sf	\$	-	\$	-	\$	-
BP925	Ceiling Treatments	180,468.00	sf	\$	-	\$	-	\$	-
BP960	Flooring	180,468.00	sf	\$	-	\$	-	\$	-
BP990	Painting and Coatings	180,468.00	sf	\$	-	\$	-	\$	-
BP1000	Division 10 Accessories, Install	180,468.00	sf	\$	-	\$	-	\$	-
BP1100	Equipment	180,468.00	sf	\$	-	\$	-	\$	-
BP1240	Furnishings	180,468.00	sf	\$	-	\$	-	\$	-
BP1300	Special Construction	180,468.00	sf	\$	-	\$	-	\$	-
BP1400	Conveying Systems	180,468.00	sf	\$	-	\$	-	\$	-
BP1530	Fire Sprinkler Systems	180,468.00	sf	\$	-	\$	-	\$	-
BP1540	Plumbing Systems	180,468.00	sf	\$	-	\$	-	\$	-
BP1550	Mechanical Systems	180,468.00	sf	\$	-	\$	-	\$	-
BP1600	Electrical Systems	180,468.00	sf	\$	-	\$	-	\$	-
	BP16100 - Temp Backfeed of Buildings	1.00	lsum	\$	130,720.00	\$	130,720		
	P&P Bond	1.00	lsum	\$	1,176.48	\$	1,176		
BP220	Site Development	180,468.00	sf	\$	-	\$	4,383,412	\$	24.29
	BP220 - Site Development	1.00	ls	\$	4,383,412.38	\$	4,383,412		
	P&P Bond	1.00	lsum			\$	-		
	Mobilization	1.00	ls				-		
	Construction Layout & Survey	1.00	ls				-		
	Clear & Grub		acres				-		
	Strippings @ 6" (includes re-spread)		cy				-		
	Cut to fill excavation		cy				-		
	Grading		sqyd				-		
	Building pad - stone base		cy				-		
	BioSwale		cy				-		
	Unsuitable Soils Allowance	1.00	lsum				-		
	Temporary staging and laydown stone	1	lsum				-		
	Street Claeaning/Dust Control/Snow Removal	1	lsum				-		
	Site Restoration	1	lsum				-		
	Construction Fencing	2,700.00	lnft				-		
	Reconfigure Construction Fencing (Phasing)	2.00	each				-		

BP240	Erosion Control	180,468.00	sf	\$ -	\$ -	\$ -
	Erosion control		ls		-	
	Silt Fence	1,348.00	lnft		-	
	Reinforced Stabilized Outlets	7.00	each		-	
	Gravel Construction Entrance	2,614.00	sqft		-	
	Skimmer Sediment Basin #1 w/ Porous Baffles	5,986.00	sqft		-	
	Inlet Protection	22.00	each		-	
	Concrete Washout Pit	1.00	each		-	
BP245	Storm Drainage Systems	180,468.00	sf	\$ -	\$ -	\$ -
	15" HDPE	1,404.00	lnft		-	
	15" RCP	12.00	lnft		-	
	18" HDPE	275.00	lnft		-	
	24" HDPE	37.00	lnft		-	
	24" RCP	14.00	lnft		-	
	30" HDPE	105.00	lnft		-	
	Roof Leaders	2,311.00	lnft		-	
	Storm Structures - Catch Basins	20.00	each		-	
	Storm Structures - Drop Inlets	4.00	each		-	
	Storm Structures - Manholes	5.00	each		-	
	Deep Foundations	180,468.00	sf	\$ -	\$ -	\$ -
	Deep Foundations	1.00	ls		-	
	Micro Piles at Existing Gym to Remain	31.00	each		\$ -	
	Shoring/Soil Nails-Existing Gym	1,794.00	sqft		\$ -	
	Temp Shoring Including Needle Beams-Stillwell	523.00	sqft		\$ -	
	Temp Shoring (7/S205)-Stillwell	246.00	sqft		\$ -	
					-	
BP260	Site Utilities	180,468.00	sf	\$ -	\$ -	\$ -
	Water					
	Site Water-6" DIP	73.00	lnft		-	
	6" Fire Hydrant Assembly	1.00	each		-	
	Fire Department Connection	1.00	each		-	
					-	
	Sewer					
	6" PVC Sanitary Sewer Service	297.00	lnft		-	
	4" PVC Sanitary Sewer Service	128.00	lnft		-	
	4" PVC Grease Waste Line	82.00	lnft		-	
	Grease Trap	1.00	each		-	
	Ex. Water/Sewer to be Cut/Capped/Removed	18.00	each		-	
					-	
	Gas					
	New Gas Line (By Others)		lnft		-	
			ls		-	
BP270	Asphalt Paving	180,468.00	sf	\$ -	\$ -	\$ -
	Asphalt Paving- 8/3/1		lsum		-	
	Heavy Duty Paving-6/2.5/1.5	5,785.00	sqyd		-	
	Light Duty Paving-6/1.5/1.5	2,904.00	sqyd		-	
	Repave Oakland Street	1.00	lsum		-	
	2'-6" Curb & Gutter-Oakland Street	1,001.00	lnft		-	
	2'-6" Curb & Gutter-Asheville Highway	706.00	lnft		-	
	18" Curb & Gutter	3,567.00	lnft		-	
	Pavement markings	2,143.00	lnft		-	
	Visitor Parking Signs	7.00	each		-	
	APS (HCP) Parking Signs	5.00	each		-	
	Short Term Parking Signs	5.00	each		-	
	Stop Signs	1.00	each		-	
	Conduit and sleeves	1.00	ls		-	
					-	
BP270	Site Concrete	180,468.00	sf	\$ -	\$ -	\$ -
	Site Concrete	1.00	lsum		-	
	Sidewalks/Concrete Pavements	72,761.00	sqft		-	
	Equipment Pad - Gen & Transformer	630.00	sqft		-	
	Site Steps - CIP	1,694.00	sqft		-	
	CIP Retaining Walls-3'	5,568.00	sqft		-	
	Rub FinishCIP Retaining Walls-3'	5,568.00	sqft		-	
		-			-	
BP280	Site Accessories & Amenities	180,468.00	sf	\$ -	\$ -	\$ -
	Modular Retaining Walls	1,247.00	sqft		-	
	Delete CIP retaining wall along Oakland; provide modular wall	1,367.00	sqft		-	

					-		
	Pedestrian Guardrail	1,018.00	lnft		-		
	Metal Handrail	962.00	lnft	\$ -	-		
					-		
BP299	Fencing & Security	180,468.00	sf	\$ -	\$ -	\$ -	
	Footings for Brick Columns at new fencing	-	cuyd		-		
			ea		-		
			ls		-		
BP3284	Landscaping	180,468.00	sf	\$ -	\$ -	\$ -	
					\$ -		
Building Package							
	Cost of Work - Subtotal				\$ 12,999,452	\$ 72.03	
*	CMAR General Conditions				\$ 1,253,843	\$ 6.95	
*	General Requirements					\$ -	
*	Hoisting, Crane, Equipment					\$ -	
Subtotal - Cost of Work/ CMAR GC's					\$ 14,253,295	\$ 78.98	
Project Insurances and Bonds	1.15%				\$ 182,032	\$ 1.01	
Builders Risk	0.20%				\$ 31,658	\$ 0.18	
Performance and Payment Bond	1.0%				\$ 150,374	\$ 0.83	
Subcontractor Default Insurance	1.5%				\$ 194,992	\$ 1.08	
Building Permit/ Inspections	0.0%				\$ -	\$ -	
Testing Agency	0.0%				\$ -	\$ -	
Construction Contingency	3.0%				\$ 444,370	\$ 2.46	
Owner/Design Contingency	0.0%				\$ -	\$ -	
Stillwell Water/Unknowns Contingency	0.0%				\$ -	\$ -	
Escalation Contingency	0.0%				\$ -	\$ -	
Subtotal					\$ 15,256,720	\$ 84.54	
Construction Manager - Fees	3.75%				\$ 572,127	\$ 3.17	
Total					\$ 15,828,847	\$ 87.71	

Project:	Hendersonville High School	Hendersonville High School		Estimate Date:	11/22/2019
	Estimate - Balance of Work	Estimate - Balance of Work		Revision:	
	Hendersonville, North Carolina	New Classrooms		Addenda:	
Location:	0	TOTAL SF:	180,468.00	Prepared By:	DLF
Architect:	PFA/LS3P	Cost/ SF:	\$ 181.15	Reviewed By:	



Site Development		AC	Building Elevations - Veneer Breakdown %				Verification
Building Square Footage	180,468.00	SF	Tilt-up Walls	#DIV/0!	\$ -	SF	FALSE
Building Perimeter - A		LF	Wood Veneer	#DIV/0!	\$ -	SF	FALSE
Building Height (TOW)	-	LF	EIFS	#DIV/0!	\$ -	SF	FALSE
Building Perimeter - B	-	LF	Metal Panels	#DIV/0!	\$ -	SF	FALSE
Building Height (TOW)	-	LF	Curtainwall	0%	\$ -	SF	FALSE
Building Elevations - A	-	SF	Storefront	#DIV/0!	\$ -	SF	FALSE
Building Elevations - B	-	SF	Sunshade	0%	\$ -	SF	FALSE
Building Elevations Square Footage	-	SF	TOTAL	#DIV/0!	\$ -	SF	TRUE

First floor (TOW)		LF	Building Square Footage - Total Breakdown				Verification
Second floor (TOW)		LF	First floor		\$ 180,468	SF	TRUE
Third floor (TOW)	-	LF	Second floor			SF	TRUE
Fourth floor (TOW)	-	LF	Third floor		\$ -	SF	FALSE
Parapet (TOW)	-	LF	Fourth floor		\$ -	SF	FALSE
TOTAL	-	LF	TOTAL		\$ 180,468	SF	TRUE

CSI	Description	Quantity	Unit	Unit Price	Unit Cost	TOTALS	\$/ SF
BP240	General Requirements	180,468.00	sf	\$ -		\$ 360,283	\$ 2.00
	General Requirements	1.00	ls	\$ 295,783.00	\$ 295,783		
	Mock-ups	1.00	lsum	\$ 50,000.00	\$ 50,000		
	Badging/Background Checks	200.00	each	\$ 72.50	\$ 14,500		
					\$ -		
BP210	Interior Demolition	180,468.00	sf	\$ -		\$ -	\$ -
BP390	Turnkey Concrete	180,468.00	sf	\$ -		\$ -	\$ -
BP350	Precast	180,468.00	sf	\$ -		\$ -	\$ -
BP400	Turnkey Masonry	180,468.00	sf	\$ -		\$ 1,396,017	\$ 7.74
	Masonry Sub	1.00	lsum	\$ 1,090,000.00	\$ 1,090,000		
					\$ -		
	CMU				\$ -		
					\$ -		
	Veneer				\$ -		
	Veneer - Brick				\$ -		
	BRK Face Brick w/ W1 Backing	13,515.00	sqft		\$ -		
	BRK Face Brick w/ W1B Backing	1,254.00	sqft		\$ -		
	BRK Face Brick w/ W4 Backing	3,481.00	sqft		\$ -		
	BRK Face Brick w/ W9 Backing	10,685.00	sqft		\$ -		
	BRK Face Brick w/ W13 Backing	791.00	sqft		\$ -		
	Brick on CMU Infill-Vocational	315.00	sqft		\$ -		
	Brick on CMU Infill	2,564.00	sqft		\$ -		
	Clean & Repoint Ex. Brick Veneer Walls	27,555.00	sqft	\$ 5.45	\$ 150,220		
	Brick on CMU Infill	67.00	sqft		\$ -		
	Bleacher Screen Wall 8" CMU at Base Bid Pressbox	1,657.00	sqft	\$ 21.00	\$ 34,797		
					\$ -		
	Misc						
	Re-use Salvaged Stone	1.00	lsum	\$ 50,000.00	\$ 50,000		
	Cast Stone Pilasters w/ Shallow Cornice	6.00	each	\$ 3,500.00	\$ 21,000		
	Thermal Insulation at Masonry Walls	14,166.00	sqft		\$ -		
	Exterior Window Sills	1.00	lsum	\$ 25,000.00	\$ 25,000		
	Exterior Window Sills	1.00	lsum	\$ 25,000.00	\$ 25,000		
					\$ -		
BP500	Turnkey Structural Steel	180,468.00	sf	\$ -		\$ -	\$ -
BP610	Rough Carpentry and Blocking	180,468.00	sf	\$ -		\$ 166,733	\$ 0.92
	Framing and connections						
	Partitions						
	Exterior framing		lf		\$ -		
	Blocking		lf		\$ -		
	Blocking at OFOI TB, MB, CT, WB Etc.	789.60	lnft	\$ 3.50	\$ 2,764		
	Blocking at Millwork/Casework	2,126.40	lnft	\$ 3.50	\$ 7,442		
	Roof Blocking	7,538.40	lnft	\$ 5.50	\$ 41,461		

					\$	-		
	<i>Interior framing</i>		lf		\$	-		
	New Stage Front & Steps-1" T&G Wood Flooring on 3/4" Plywd	338.00	sqft	\$	55.00	\$	18,590	
	New Balcony Landings & Steps-1" T&G Wood Flooring on 3/4" F	786.00	sqft	\$	55.00	\$	43,230	
	New Raised Floor at Open Platform & Eq Storage-1" T&G Wood	161.00	sqft	\$	55.00	\$	8,855	
	New 3" rnd oak top, .75" solid alum stds, 1.5"x5" oak wall cap	110.00	lnft	\$	175.00	\$	19,250	
	New Auditorium Controls Platform (Balcony)	79.00	sqft	\$	55.00	\$	4,345	
				\$	-	\$	-	
	Blocking at OFOI TB, MB, CT, WB Etc.	2,258.40	lnft	\$	3.50	\$	7,904	
	Blocking at Millwork	1,533.60	lnft	\$	3.50	\$	5,368	
	Roof Blocking	1,368.00	lnft	\$	5.50	\$	7,524	
			lf	\$	-	\$	-	
	<i>Veneer</i>							
	<i>Heavy timber framing</i>							
	<i>Wood blocking</i>							
BP640	Finish Carpentry and Casework	180,468.00	sf	\$	-	\$	166,188	\$ 0.92
	Millwork	1.00	ls	\$	118,431.00	\$	118,431	
			ls	\$	-	\$	-	
	<i>Finish carpentry</i>							
	Corridor Ceilings-Gyp Soffits w/ Crown Mld, Acoustical Tile Ctrs	2,631.00	lnft	\$	12.00	\$	31,572	
	Oak Cap at Low Wall - Stage Landing	37.00	lnft	\$	15.00	\$	555	
	Solid Surface Sills	2,316.00	lnft			\$	-	
						\$	-	
						\$	-	
	<i>Cabinetry</i>							
	Millwork/Cabinets in Classrooms	1.00	lsum			\$	-	
	Base Cabinet - Concessions S139	12.00	lnft			\$	-	
	Base Cabinet - Dance/Drama S121	9.00	lnft			\$	-	
	Wall Cabinet-Dance/Drama S121	8.00	lnft			\$	-	
	Base Cabinet - Math 1 S113	9.00	lnft			\$	-	
	Wall Cabinet-Math 1 S113	9.00	lnft			\$	-	
	Base Cabinet - Math 2 S117	9.00	lnft			\$	-	
	Wall Cabinet-Math 2 S117	9.00	lnft			\$	-	
	Base Cabinet - Dress 2 S103	12.00	lnft			\$	-	
	Base Cabinet - Dress 2 S105	13.00	lnft			\$	-	
	Base Cabinet - Teacher Work S118	6.00	lnft			\$	-	
	Wall Cabinet- Teacher Work S118	6.00	lnft			\$	-	
	Base Cabinet - English 1 S124	11.00	lnft			\$	-	
	Wall Cabinet- English 1 S124	9.00	lnft			\$	-	
	Base Cabinet - English 2 S126	11.00	lnft			\$	-	
	Wall Cabinet- English 2 S126	9.00	lnft			\$	-	
	Base Cabinet - English 3 S218	11.00	lnft			\$	-	
	Wall Cabinet- English 3 S218	9.00	lnft			\$	-	
	Base Cabinet - English 4 S220	11.00	lnft			\$	-	
	Wall Cabinet- English 4 S220	8.00	lnft			\$	-	
	Base Cabinet - Resource S208	10.00	lnft	\$	175.00	\$	1,750	
	Wall Cabinet- Resource S208	9.00	lnft	\$	155.00	\$	1,395	
	Base Cabinet - English S234	11.00	lnft			\$	-	
	Wall Cabinet- English S234	9.00	lnft			\$	-	
	Shelving Units - ISS	20.00	lnft			\$	-	
	Base Cabinet - Math 6 S233	11.00	lnft			\$	-	
	Wall Cabinet-Math 6 S233	9.00	lnft			\$	-	
	Base Cabinet - Resource S203	11.00	lnft	\$	175.00	\$	1,925	
	Wall Cabinet- Resource S203	9.00	lnft	\$	155.00	\$	1,395	
	Base Cabinet - Teacher Work S209	23.00	lnft			\$	-	
	Wall Cabinet- Teacher Work S209	14.00	lnft			\$	-	
	Base Cabinet - Math 3 S213	10.00	lnft			\$	-	
	Wall Cabinet-Math 3 S213	9.00	lnft			\$	-	
	Base Cabinet - Math 4 S215	11.00	lnft			\$	-	
	Wall Cabinet-Math 4 S215	9.00	lnft			\$	-	
	Base Cabinet - Math 5 S217	14.00	lnft			\$	-	
	Wall Cabinet-Math 5 S217	12.00	lnft			\$	-	
	Base Cabinet - Soc Studies 2 S314	11.00	lnft			\$	-	
	Wall Cabinet- Social Studies 2 S314	9.00	lnft			\$	-	
	Base Cabinet - Soc Studies 1 S312	11.00	lnft			\$	-	
	Wall Cabinet- Social Studies 1 S312	9.00	lnft			\$	-	
	Base Cabinet - Soc Studies 4 S304	9.00	lnft			\$	-	
	Wall Cabinet- Social Studies 4 S304	9.00	lnft			\$	-	

	Base Cabinet - English 6 S328	9.00	Inft		\$ -		
	Wall Cabinet- English 6 S328	9.00	Inft		\$ -		
	Base Cabinet - Resource S333	11.00	Inft	\$ 175.00	\$ 1,925		
	Wall Cabinet- Resource S333	8.00	Inft	\$ 155.00	\$ 1,240		
	Base Cabinet - Soc Studies 5 S302	11.00	Inft		\$ -		
	Wall Cabinet- Social Studies 5 S302	9.00	Inft		\$ -		
	Base Cabinet - Soc Studies 6 S301	11.00	Inft		\$ -		
	Wall Cabinet- Social Studies 6 S301	9.00	Inft		\$ -		
	Base Cabinet - Foreign Language 1 S331	11.00	Inft		\$ -		
	Wall Cabinet- Foreign Language 1 S331	9.00	Inft		\$ -		
	Base Cabinet - Teacher Work S307	22.00	Inft		\$ -		
	Wall Cabinet- Teacher Work S307	14.00	Inft		\$ -		
	Base Cabinet - Foreign Language 2 S311	11.00	Inft		\$ -		
	Wall Cabinet- Foreign Language 2 S311	9.00	Inft		\$ -		
	Base Cabinet - Foreign Language 3 S313	11.00	Inft		\$ -		
	Wall Cabinet- Foreign Language 3 S313	9.00	Inft		\$ -		
	Base Cabinet - Foreign Language 4 S315	14.00	Inft		\$ -		
	Wall Cabinet- Foreign Language 4 S315	12.00	Inft		\$ -		
	Misc. caulking	1.00	lsum	\$ 2,000.00	\$ 2,000		
					\$ -		
					\$ -		
	Countertops				\$ -		
	New Countertop at Pass Thru Windows	16.00	Inft	\$ 250.00	\$ 4,000		
				\$ -	\$ -		
BP750	Roofing	180,468.00	sf	\$ -	\$ -	\$ 615,264	\$ 3.41
	Roofing		ls	\$ 750,000.00	\$ -		
	TPO - 60mil (Mechanically Fastened)	60,089.00	sqft	\$ 9.00	\$ 540,801		
	New Roof Access Hatch	1.00	each	\$ 3,500.00	\$ 3,500		
074115	TPO Roofing	3,797.00	sqft	\$ 12.50	\$ 47,463		
	New Roof Access Hatch	1.00	each	\$ 3,500.00	\$ 3,500		
	Roof Patching at New Penetrations	1.00	lsum	\$ 10,000.00	\$ 10,000		
074115	Roof Patching	1.00	lsum	\$ 10,000.00	\$ 10,000		
				\$ -	\$ -		
BP7250	EIFS/Stucco	-	sf	\$ -	\$ -	\$ -	\$ -
	Stucco at Canopy Soffits				\$ -		
				\$ -	\$ -		
BP780	Sprayed on Fireproofing	-	sf	\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -		
				\$ -	\$ -		
BP740	Metal Panels	180,468.00	sf	\$ -	\$ -	\$ 807,738	\$ 4.48
			ls		\$ -		
	Exterior Wall Veneer - Wall Panels			\$ -	\$ -		
	MP-1 Phenolic Panel w/ W3 Backup	1,520.00	sqft	\$ 41.25	\$ 62,700		
	MP-1 Phenolic Panel w/ W3A Backup	935.00	sqft	\$ 41.25	\$ 38,569		
	MP-2 Metal Panel w/ W2 Backup	5,892.00	sqft	\$ 41.25	\$ 243,045		
	MP-2 Metal Panel w/ W2A Backup	578.00	sqft	\$ 41.25	\$ 23,843		
	MP-2 Metal Panel w/ W2B Backup	984.00	sqft	\$ 41.25	\$ 40,590		
	MP-2 Metal Panel w/ W5 Backup	495.00	sqft	\$ 41.25	\$ 20,419		
	MP-2 Metal Panel w/ W7 Backup	639.00	sqft	\$ 41.25	\$ 26,359		
	MP-2 Metal Panel w/ W14 Backup	46.00	sqft	\$ 41.25	\$ 1,898		
	Unidentified Wrap at Curtainwall - W2 Metal Panel?	283.00	sqft	\$ 55.19	\$ 15,619		
			sqft		\$ -		
	ACM Column Wraps	3.00	each	\$ 10,000.00	\$ 30,000		
					\$ -		
	Exterior Soffits			\$ -	\$ -		
	Insulation	1,395.00	sqft	\$ 10.50	\$ 14,648		
	Composite Metal Panels	1,395.00	sqft	\$ 25.00	\$ 34,875		
	Soffits at Built Canopies	2,768.00	sqft	\$ 25.00	\$ 69,200		
					\$ -		
	MP-2 Metal Panel w/ W2 Backup	186.00	sqft	\$ 41.25	\$ 7,673		
	New Fixed Decorative Panels (Stillwell)	237.00	sqft	\$ 41.25	\$ 9,776		
					\$ -		
	"Bearcat" Aluminum Panel	181.00	sqft	\$ 150.00	\$ 27,150		
	MP-2 Metal Panel on Existing Wall	3,177.00	sqft	\$ 41.25	\$ 131,051		
	Z-Girts on Existing Wall	3,177.00	sqft	\$ 3.25	\$ 10,325		
				\$ -	\$ -		
BP790	Caulking, Waterproofing, Firestopping	180,468.00	sf	\$ -	\$ -	\$ 478,809	\$ 2.65
			ls		\$ -		

Membrane Waterproofing - Elevator Pit	2.00	pit		\$	-		
Membrane Waterproofing - Foundation Wall	8,119.00	sqft		\$	-		
Membrane Waterproofing -W14= CIP Concrete Wall	46.00	sqft		\$	-		
Caulking of SOG Joints	59,442.00	sqft		\$	-		
Foundation Drain	926.00	lnft		\$	-		
Caulk Exterior Facade	55,262.00	sqft	\$	0.55	\$	30,394	
Air Vapor Barrier at Masonry	29,324.00	sqft	\$	3.25	\$	95,303	
Air Vapor Barrier at Drywall				\$	-		
W3= Adhered Air Barrier	1,520.00	sqft	\$	5.13	\$	7,798	
W3A= Adhered Air Barrier	935.00	sqft	\$	5.13	\$	4,797	
W2= Adhered Air Barrier	6,175.00	sqft	\$	5.13	\$	31,678	
W2A=Adhered Air Barrier	578.00	sqft	\$	5.13	\$	2,965	
W2B=Adhered Air Barrier	984.00	sqft	\$	5.13	\$	5,048	
W5=Adhered Air Barrier	495.00	sqft	\$	5.13	\$	2,539	
W7=Adhered Air Barrier	639.00	sqft	\$	5.13	\$	3,278	
MP-1 Panels	2,455.00	sqft	\$	5.13	\$	12,594	
MP-2 Panels	8,634.00	sqft	\$	5.13	\$	44,292	
Caulking Interiors - sqft	91,398.00	sqft	\$	0.25	\$	22,850	
ALLOWANCE - Firestopping	91,398.00	allw	\$	0.75	\$	68,549	
ALLOWANCE - Exterior Expansion Joints	1.00	allw	\$	50,000.00	\$	50,000	
2" Expansion Joint	386.00	lnft		\$	-		
ALLOWANCE - Interior Expansion Joints	1.00	allw	\$	10,000.00	\$	10,000	
				\$	-		
Waterproofing at Brick Infill	2,631.00	sqft	\$	5.50	\$	14,471	
Caulk Exterior Facade	27,555.00	sqft	\$	1.00	\$	27,555	
Caulking Interiors - sqft	68,166.00	sqft	\$	0.15	\$	10,225	
ALLOWANCE - Firestopping	1.00	allw	\$	5,000.00	\$	5,000	
Air Vapor Barrier at Drywall				\$	-		
W2=Adhered Air Barrier	186.00	sqft	\$	5.13	\$	954	
MP-2 Panels	423.00	sqft	\$	5.13	\$	2,170	
				\$	-		
Air Barrier atMP-2 Panels	3,177.00	sqft	\$	5.13	\$	16,298	
Elastomeric Sealer on Existing Precast	2,051.00	sqft	\$	2.50	\$	5,128	
Elastomeric Sealer on Existing CMU	1,970.00	sqft	\$	2.50	\$	4,925	
				\$	-		
				\$	-		
				\$	-		
BP800	Doors, Frames, Hardware, Install	180,468.00	sf	\$	-	\$	646,350
	DFH Sub	1.00	ls	\$	607,550.00	\$	607,550
						\$	-
	Doors						
	HM Door Frame - Single	135.00	each	\$	-		
	HM Door Frame - Double	28.00	each	\$	-		
	HM Doors	33.00	each	\$	-		
	Wood Doors	153.00	each	\$	-		
	ALLOWANCE - Finish Hardware	186.00	each	\$	-		
	ALLOWANCE - Door Armor	5.00	leaf	\$	160.00	\$	800
	Hardware - Card Reader Hardware	30.00	leaf	\$	350.00	\$	10,500
	Hardware - Auto Opener (Double)	4.00	pairs	\$	6,500.00	\$	26,000
	Door/Hardware Installation	411.00	each	\$	-		
	HM Door Frame - Single (Vocational)	5.00	each	\$	-		
	Wood Doors (Vocational)	5.00	each	\$	-		
	ALLOWANCE - Finish Hardware (Vocational)	5.00	each	\$	-		
	Door/Hardware Installation (Vocational)	10.00	each	\$	-		
				\$	-		
	New Crawlspace Access Door	1.00	each	\$	1,500.00	\$	1,500
	HM Door Frame - Single	76.00	each	\$	-		
	HM Door Frame - Double	24.00	each	\$	-		
	HM Doors	7.00	each	\$	-		
	Wood Doors	119.00	each	\$	-		
	ALLOWANCE - Finish Hardware	126.00	each	\$	-		
	ALLOWANCE - Replace Finish Hardware Ex. Doors to Remain	3.00	each	\$	-		
	Door/Hardware Installation	256.00	each	\$	-		
				\$	-		
	HM Door Frame - Single	12.00	each	\$	-		
	HM Door Frame - Double	6.00	each	\$	-		
	HM Doors	4.00	each	\$	-		
	Wood Doors	20.00	each	\$	-		

	ALLOWANCE - Finish Hardware	24.00	each		\$ -		
	Door/Hardware Installation	48.00	each		\$ -		
					\$ -		
	Frames				\$ -		
					\$ -		
	Hardware & specialties				\$ -		
					\$ -		
					\$ -		
BP840	Aluminum Framed Openings, Glass	180,468.00	sf	\$ -	\$ -	\$ 1,930,983	\$ 10.70
	Glass & Glazing	1.00	lsum	\$ 1,613,992.00	\$ 1,613,992		
					\$ -		
	Doors and frames				\$ -		
					\$ -		
	Storefront/ punched openings						
	Curtain Wall	5,323.00	sqft		\$ -		
	Storefront - Exterior	3,653.00	sqft		\$ -		
	Storefront - Interior	2,048.00	sqft		\$ -		
	Storefront -Entry, Single	7.00	leaf		\$ -		
	Storefront - Entry Door, Double	13.00	leaf		\$ -		
	Storefront - Door Hardware	33.00	set	\$ 1,500.00	\$ 49,500		
	WD1 Windows	926.00	sqft		\$ -		
	WD2 Sliding Glass Windows 5'5.5"x4'2.75"	70.00	sqft		\$ -		
	WD3 Glass/Alum Windows 6'x5'4"	32.00	sqft		\$ -		
	WD4 Glass/Alum Windows 8'x5'4"	43.00	sqft		\$ -		
	WD24 Glass/Alum Windows 4'2"x3'6"	15.00	sqft		\$ -		
	Interior Door Glazing	116.00	sqft		\$ -		
	Mirrors	700.00	sqft	\$ 12.00	\$ 8,400		
	Glass Cleaning	12,979.00	sqft	\$ 0.15	\$ 1,947		
	Misc. Flashings	1.00	lsum	\$ 5,000.00	\$ 5,000		
	Misc. caulking	1.00	lsum	\$ 5,000.00	\$ 5,000		
	Translucent Panels	993.00	sqft	\$ 75.86	\$ 75,329		
	ALLOWANCE - Wall Louvers	250.00	allw	\$ 65.00	\$ 16,250		
					\$ -		
	Replace All Existing Ext. Windows & Interior Sills	6,136.00	sqft		\$ -		
	Curtain Wall	2,233.00	sqft		\$ -		
	Storefront - Exterior	555.00	sqft		\$ -		
	Storefront -Entry, Single	7.00	leaf		\$ -		
	Storefront - Entry Door, Double	2.00	leaf		\$ -		
	Storefront - Door Hardware	11.00	set	\$ 1,500.00	\$ 16,500		
	Interior Door Glazing	352.00	sqft		\$ -		
	Pass Thru Window at Concessions	1.00	each		\$ -		
	Window- Equipment Storage	24.00	sqft	\$ 75.00	\$ 1,800		
	Mirrors	420.00	sqft	\$ 12.00	\$ 5,040		
	Glass Cleaning	9,321.00	sqft	\$ 0.15	\$ 1,398		
	Misc. Flashings	1.00	lsum	\$ 5,000.00	\$ 5,000		
					\$ -		
	PPPP-Pass Thru Window	1.00	each	\$ 2,500.00	\$ 2,500		
	Interior Door Glazing	7.00	sqft	\$ 12.00	\$ 84		
	Mirrors	2,420.00	sqft	\$ 12.00	\$ 29,040		
	Glass Cleaning	2,428.00	sqft	\$ 0.15	\$ 364		
					\$ -		
	Translucent Panels	1,237.00	sqft	\$ 75.86	\$ 93,839		
					\$ -		
					\$ -		
BP850	Special Doors	180,468.00	sf	\$ -	\$ -	\$ 55,500	\$ 0.31
			ls		\$ -		
	Roll-up Garage Style Door - 6x10	2.00	each	\$ 7,500.00	\$ 15,000		
	Roll-up Garage Style Door - 8x8.67	1.00	each	\$ 8,000.00	\$ 8,000		
	Roll-up Garage Style Door - 12x8	1.00	each	\$ 10,500.00	\$ 10,500		
	Vertical Acting Coiling Fire Door	1.00	each	\$ 11,000.00	\$ 11,000		
			ls		\$ -		
	Fire Shutter 10'	1.00	each	\$ 11,000.00	\$ 11,000		
					\$ -		
BP920	Metal Studs, Drywall, Insulation	180,468.00	sf	\$ -	\$ -	\$ 2,551,401	\$ 14.14
	Drywall sub		lsum		\$ -		
	Exterior Wall Construction				\$ -		
	W1- 6" mtl studs, 5/8" gyp bd one side	13,515.00	sqft	\$ 15.00	\$ 202,725		

W1B- 8" mtl studs, 5/8" gyp bd one side	1,254.00	sqft	\$	17.00	\$	21,318
W10-6" mtl studs, batt insul, 5/8" gp bd one side	389.00	sqft	\$	15.00	\$	5,835
W3=2" Z Furring,Rockwool Insul, 1/2" Ext. Sheathing, 6" M	1,520.00	sqft	\$	13.00	\$	19,760
W3A=2" Z Furring,Rockwool Insul, 1/2" Ext. Sheathing, 8"	935.00	sqft	\$	13.00	\$	12,155
W2=7/8" Vented Hat Channel, Thermax Insul, 6" Mtl Stud,	5,892.00	sqft	\$	13.00	\$	76,596
W2A=7/8" Vented Hat Channel, Thermax Insul, 6" Mtl Stud	578.00	sqft	\$	13.00	\$	7,514
W2B=7/8" Vented Hat Channel, Thermax Insul, 8" Mtl Stud	984.00	sqft	\$	13.00	\$	12,792
W14=2"Z Furring, CIP Concrete Wall	46.00	sqft	\$	13.00	\$	598
Exterior Wall Partition - Parapets	7,520.00	sqft	\$	16.00	\$	120,320
Interior Fixed Partitions - Plaster and Gypsum Board					\$	-
Type 1 (6" Mtl Studs, Batt Insul, 5/8" Gypbd Each Side, NR	176.00	sqft	\$	10.50	\$	1,848
Type 2 (6" Mtl Studs, Batt Insul, 5/8" Gypbd Each Side, NR	227.00	sqft	\$	10.50	\$	2,384
Type 2A (6" Mtl Studs, Batt Insul, 5/8" Gypbd Each Side, 1	5,405.00	sqft	\$	10.50	\$	56,753
Type 2B (6" Mtl Studs, Batt Insul, 2 layers 5/8" Gypbd Each	14,127.00	sqft	\$	10.50	\$	148,334
Type 3 (8" Mtl Studs, Batt Insul, 5/8" Gypbd Each Side, NR	9,544.00	sqft	\$	11.50	\$	109,756
Type 3A (8" Mtl Studs, Batt Insul, 5/8" Gypbd Each Side, 1	818.00	sqft	\$	11.50	\$	9,407
Type 4 (6" Mtl Studs, 5/8" Gypbd one side, NR)	2,385.00	sqft	\$	10.50	\$	25,043
Type 5 (3 5/8" Mtl Studs, 5/8" Gypbd one side, NR)	9,245.00	sqft	\$	10.00	\$	92,450
Type 6 (6" Mtl Studs, 5/8" Gypbd Each Side, NR)	33,903.00	sqft	\$	10.50	\$	355,982
Interior Wall - HM Door/Window Frame Installation	163.00	leaf	\$	75.00	\$	12,225
Misc Blocking	91,400.00	sqft	\$	0.50	\$	45,700
Drywall Ceilings	8,365.00	sqft	\$	8.50	\$	71,103
GFRC Column Covers at Dining	2.00	each	\$	3,500.00	\$	7,000
Type 1 (6" Mtl Studs, Batt Insul, 5/8" Gypbd Each Side, NR)	1,201.00	sqft	\$	8.00	\$	9,608
Type 12 (1 5/8" Mtl Furring, 5/8" Gypbd one side, NR)	248.00	sqft	\$	8.00	\$	1,984
Type 16 (3 5/8" Mtl Studs, Batt Insul., 5/8" Gypbd ea side, NR)	1,736.00	sqft	\$	9.00	\$	15,624
					\$	-
Interior Wall - Layout	1.00	lsum	\$	10,000.00	\$	10,000
Type 11 (7/8" Mtl Furring, 5/8" Gypbd one side, NR)	20,574.00	sqft	\$	7.50	\$	154,305
Type 12 (1 5/8" Mtl Furring, 5/8" Gypbd one side, NR)	925.00	sqft	\$	7.50	\$	6,938
Type 13 (2.5" Mtl Studs, 5/8" Gypbd one side, NR)	7,580.00	sqft	\$	9.25	\$	70,115
Type 14 (2.5" Mtl Studs, 2" XPS Rigid Insul, 5/8" Gypbd one side	24,261.00	sqft	\$	9.25	\$	224,414
Type 16 (3 5/8" Mtl Studs, Batt Insul., 5/8" Gypbd ea side, NR)	17,239.00	sqft	\$	9.25	\$	159,461
Type 16A (3 5/8" Mtl Studs, Batt Insul., 5/8" Gypbd ea side, 1 HF	471.00	sqft	\$	9.25	\$	4,357
Type 17 (3 5/8" Mtl Studs, Batt Insul., 5/8" Gypbd ea side, NR)	156.00	sqft	\$	9.25	\$	1,443
Type 17A (3 5/8" Mtl Studs, Batt Insul., 5/8" Gypbd ea side, 1HR	354.00	sqft	\$	9.25	\$	3,275
Type 24 (3 5/8" Mtl Studs, 5/8" Gypbd one side, NR)	20,582.00	sqft	\$	9.25	\$	190,384
Type 25 (6" Mtl Studs, 5/8" Gypbd one side, NR)	2,933.00	sqft	\$	10.25	\$	30,063
Interior Wall - HM Door/Window Frame Installation	100.00	leaf	\$	75.00	\$	7,500
Misc Blocking		sqft	\$	0.50	\$	-
Drywall Ceilings	3,491.00	sqft	\$	8.50	\$	29,674
Drywall Ceilings at Auditorium	7,224.00	sqft	\$	8.50	\$	61,404
Additional Stillwell Plaster Work - PFA						
Removal of spalling plaster at ext. walls that receive furring & gyp overlay	575.00	sqft	\$	2.00	\$	1,150
Removal & repair of spalling plaster at ext. walls not receiving new furring (stairwells)	400.00	sqft	\$	16.00	\$	6,400
Remove existing plaster at suditorium ground floor east & west ext. walls. Install new type 14 furring and install oak wainscot t 5' above FFL, stain, 48" 1x4 T&G beadboard w/ 1x8 wood base, 1x4 wood top rail, cap molding					\$	-
Demo plaster	2,100.00	sqft	\$	2.00	\$	4,200
Type 14 furring	2,100.00	sqft	\$	14.50	\$	30,450
Oak t & g wainscot	560.00	sqft	\$	20.00	\$	11,200
1x8 wood base	140.00	lnft	\$	8.00	\$	1,120
1x4 wood top rail	140.00	lnft	\$	4.00	\$	560
Cap molding	140.00	lnft	\$	3.00	\$	420
Paint/stain	2,100.00	sqft	\$	2.00	\$	4,200
					\$	-
W14=2"Z Furring, Drainage Board H2Oproofing, CIP Concrete V	3,177.00	sqft	\$	5.50	\$	17,474
Interior Fixed Partitions - Plaster and Gypsum Board					\$	-
Type 4 (6" Mtl Studs, 5/8" Gypbd one side, NR)	1,025.00	sqft	\$	8.25	\$	8,456
Type 6 (6" Mtl Studs, 5/8" Gypbd Each Side, NR)	3,760.00	sqft	\$	8.75	\$	32,900
Interior Wall - HM Door/Window Frame Installation	18.00	leaf	\$	75.00	\$	1,350
Misc Blocking	20,902.00	sqft	\$		\$	-
Drywall Ceilings	3,927.00	sqft	\$	8.50	\$	33,380
					\$	-

					\$ -		
				\$ -	\$ -		
BP925	Ceiling Treatments	180,468.00	sf	\$ -	\$ -	\$ 565,837	\$ 3.14
	Acoustical Suspended Ceilings				\$ -		
	ACT1 2x2	50,094.00	sqft	\$ 4.50	\$ 225,423		
	ACT2 2x4 Vinyl Faced	5,777.00	sqft	\$ 7.50	\$ 43,328		
	ACT3 2x4 Grid on Running Bond	6,738.00	sqft	\$ 3.50	\$ 23,583		
	ACT4 2x4 High NRC	3,262.00	sqft	\$ 6.50	\$ 21,203		
	ACT2 2x4 Vinyl Faced - Vocational	2,489.00	sqft	\$ 7.50	\$ 18,668		
	Acoustical Wall Treatment	1.00	lsum	\$ 46,076.00	\$ 46,076		
	AWP-1 (Note 9)	6,403.00	sqft		\$ -		
	AWP-2 (Note 15)	1,080.00	sqft		\$ -		
	WA44	16.00	sqft		\$ -		
	WA46	195.00	sqft		\$ -		
	AD48	610.00	sqft		\$ -		
	ALLOWANCE - Acoustical Wall/Ceiling Treatments		allw	\$ 12,000.00	\$ -		
					\$ -		
	ACT1 2x2	38,434.00	sqft	\$ 4.50	\$ 172,953		
	ACT3 2x4 Grid on Running Bond	1,607.00	sqft	\$ 3.50	\$ 5,625		
	New Decorative Fixed Infill Panels at Auditorium		sqft	\$ 45.00	\$ -		
	Acoustical Wall Treatment				\$ -		
	AWP-2 (Note 15)	2,895.00	sqft	\$ 2.50	\$ 7,238		
					\$ -		
	ACT1 2x2	387.00	sqft	\$ 4.50	\$ 1,742		
					\$ -		
BP960	Flooring	180,468.00	sf	\$ -	\$ -	\$ 1,012,176	\$ 5.61
					\$ -		
					\$ -		
	Tile flooring						
	Porcelain Tile Flooring - Thin Set	1.00	lsum	\$ 62,204.00	\$ 62,204		
	PTF-1 Porcelain Tile Flooring (Scheme E)	818.00	sqft		\$ -		
	PTF-1 Porcelain Tile Flooring (Scheme F)	1,675.00	sqft		\$ -		
	PTF-1,2,3 Porcelain Tile Flooring (Scheme H)	771.00	sqft		\$ -		
	Porcelain Wall Tile - Thin Set		sqft		\$ -		
	PTW-1 on Walls	2,352.00	sqft		\$ -		
	PTW-1,2,3 on Walls	2,634.00	sqft		\$ -		
	PTW-1,2,3 on Walls	2,130.00	sqft		\$ -		
	Quarry Tile Flooring		sqft		\$ -		
	Waterproofing at Showers	10.00	each	\$ 250.00	\$ 2,500		
					\$ -		
	Porcelain Tile Flooring - Thin Set	1.00	lsum	\$ 75,236.00	\$ 75,236		
	PTF-1 Porcelain Tile Flooring (Scheme E)	118.00	sqft		\$ -		
	PTF-1 Porcelain Tile Flooring (Scheme F)	2,064.00	sqft		\$ -		
	PTF-4 Porcelain Tile Flooring	1,512.00	sqft		\$ -		
	Porcelain Wall Tile - Thin Set				\$ -		
	PTW-1 on Walls	372.00	sqft		\$ -		
	PTW-1,2,3 on Walls	6,006.00	sqft		\$ -		
					\$ -		
	Porcelain Tile Floors - Thin Set	1.00	lsum	\$ 67,871.00	\$ 67,871		
	PTF-1 Porcelain Tile Flooring (Scheme E)	124.00	sqft		\$ -		
	PTF-1 Porcelain Tile Flooring (Scheme F)	798.00	sqft		\$ -		
	Porcelain Wall Tile - Thin Set				\$ -		
	PTW-1 on Walls	288.00	sqft		\$ -		
	PTW-1,2,3 on Walls	1,380.00	sqft		\$ -		
	Waterproofing at Showers	6.00	each	\$ 250.00	\$ 1,500		
					\$ -		
	Soft flooring						
	Resilient Flooring	1.00	lsum	\$ 540,090.00	\$ 540,090		
	RSF-1 Resilient Sheet Flooring	3,286.00	sqft		\$ -		
	RTF-1 Resilient Tile Flooring	2,466.00	sqft		\$ -		
	RTF-1 Resilient Tile Flooring (Scheme A)	13,949.00	sqft		\$ -		
	RTF-1 (Scheme B)	12,609.00	sqft		\$ -		
	LSF-1 Linoleum Sheet Flooring	2,137.00	sqft		\$ -		
	LSF-1,2,3 Linoleum Sheet Flooring	4,038.00	sqft		\$ -		
	LSF-1 Linoleum Sheet Flooring (Scheme J)	6,240.00	sqft		\$ -		
	RBS-1 Resilient Base - 4"	8,768.00	lnft		\$ -		
	RBS-2 Resilient Base - 6"	5,013.00	lnft		\$ -		

	RT-1 Rubber Tile Flooring	2,244.00	sqft		\$	-			
	STRD-1 Stair Treads	630.00	sqft		\$	-			
	Carpeting				\$	-			
	CPT-1 Carpet, Walk Off	134.55	sqyd		\$	-			
	CPT-2	264.50	sqyd		\$	-			
	CPT-3 (Scheme D)	83.95	sqyd		\$	-			
	CPT-4 (Scheme C)	270.25	sqyd		\$	-			
	CPT-5	547.40	sqyd		\$	-			
	CPT-6 (Scheme M,N)	648.60	sqyd		\$	-			
	CPT-7	249.42	sqyd		\$	-			
	WKM-1 Walk-off Mat Foot Grille	522.00	sqft		\$	-			
	Moisture Mitigation-Aux Gym, Band, Chorus	-	sqft	\$	2.25	\$	-		
	Credit for Alternate Flooring	1.00	lsum	\$	(83,759.00)	\$	(83,759)		
	VCT ILO RTF				\$	-			
	Quarry Tile ILO RSF-1				\$	-			
	STRD Johnsonite ILO Nora				\$	-			
					\$	-			
	Resilient Flooring	1.00	lsum	\$	317,196.00	\$	317,196		
	RTF-1 Resilient Tile Flooring	1,722.00	sqft		\$	-			
	RTF-6 Resilient Tile Flooring	419.00	sqft		\$	-			
	RTF-1 Resilient Tile Flooring (Scheme A)	11,001.00	sqft		\$	-			
	RTF-1 (Scheme B)	22,338.00	sqft		\$	-			
	LSF-1,2,3 Linoleum Sheet Flooring	258.00	sqft		\$	-			
	RBS-1 Resilient Base - 4"	6,679.00	lnft		\$	-			
	RBS-2 Resilient Base - 6	5,195.00	lnft		\$	-			
	STRD-1 Stair Treads	1,155.00	sqft		\$	-			
	Carpeting				\$	-			
	CPT-1 Carpet, Walk Off	74.75	sqyd		\$	-			
	CPT-4 (Scheme C)	110.40	sqyd		\$	-			
	CPT-5	225.40	sqyd		\$	-			
	CPT-8	327.75	sqyd		\$	-			
	CPT-1,9	17.25	sqyd		\$	-			
	CPT-9	163.30	sqyd		\$	-			
					\$	-			
	Credit for Alternate Flooring	1.00	lsum	\$	(117,452.00)	\$	(117,452)		
	VCT ILO RTF				\$	-			
	RTF ILO PTF-4 at Event Space				\$	-			
	STRD Johnsonite ILO Nora				\$	-			
					\$	-			
	Resilient Flooring				\$	-			
	RTF-1 (Scheme B)	1,151.00	sqft	\$	4.50	\$	5,180		
	LSF-1 Linoleum Sheet Flooring	1,035.00	sqft	\$	10.00	\$	10,350		
	RBS-1 Resilient Base - 4"	1,168.00	lnft	\$	1.45	\$	1,694		
	RBS-2 Resilient Base - 6	275.00	lnft	\$	1.75	\$	481		
					\$	-			
					\$	-			
	Wood Flooring								
	SPWDF-1 Sports Wood Flooring System	7,712.00	sqft	\$	12.00	\$	92,544		
	Wood Flooring - Subflooring Upgrade	7,712.00	sqft	\$	1.00	\$	7,712		
					\$	-			
	WF-1 T&G Wood Strip Flooring	1,583.00	sqft	\$	18.21	\$	28,830		
			sqft		\$	-			
					\$	-			
	Special Flooring				\$	-			
					\$	-			
BP990	Painting and Coatings	180,468.00	sf	\$	-	\$	398,198	\$	2.21
	Painting and Coatings	1.00	ls	\$	345,870.00	\$	345,870		
	Paint Exterior HM Door and Frame	201.00	leaf		\$	-			
	Paint Interior Complete	180,468.00	sqft		\$	-			
	Paint Ceilings GWB - Interior - Latex	8,365.00	sqft		\$	-			
	Sealed Concrete Floors				\$	-			
	CSL-1 Concrete Sealer (Scheme G)	6,784.00	sqft	\$	2.50	\$	16,960		
	CSL-1 Concrete Sealer (Scheme K)	3,823.00	sqft	\$	2.50	\$	9,558		
	CSL-1 Concrete Sealer (Scheme L)	353.00	sqft	\$	2.50	\$	883		
	Exposed Ceilings - Painted	3,055.00	sqft		\$	-			
	Paint Exterior Pipe Bollard	15.00	each	\$	100.00	\$	1,500		
	Paint Metal Pan Stairs and Rails	2.00	sets		\$	-			

					\$	-			
	Paint Interior Metal Frames	9,227.00	leaf		\$	-			
	Paint Interior Complete	-	sqft		\$	-			
	Paint Ceilings GWB - Interior - Latex	16,415.00	sqft		\$	-			
	Paint Handrail	81.00	lnft		\$	-			
	Paint Metal Pan Stairs and Rails	411.00	sets		\$	-			
	Sealed Concrete Floors								
	CSL-1 Concrete Sealer	3,961.00	sqft	\$	2.50	\$	9,903		
	CSL-1 Concrete Sealer (Scheme K)	1,418.00	sqft	\$	2.50	\$	3,545		
	Exposed Ceilings - Painted	3,338.00	sqft			\$	-		
						\$	-		
	WP-1	254.00	sqft	\$	7.50	\$	1,905		
						\$	-		
	Paint Exterior HM Door and Frame	523.00	leaf		\$	-			
	Paint Interior Complete	254.00	sqft		\$	-			
	Paint Ceilings GWB - Interior - Latex	-	sqft		\$	-			
	Paint Ex. Brick	1,195.00	sqft		\$	-			
	Paint Ceilings GWB - Interior - Exposed		sqft		\$	-			
	Paint Metal Pan Stairs and Rails	1.00	sets		\$	-			
	Sealed Concrete Floors								
	CSL-1 Concrete Sealer (Scheme G)	2,962.00	sqft	\$	2.50	\$	7,405		
	CSL-1 Concrete Sealer (Scheme K)	53.00	sqft	\$	2.50	\$	133		
	CSL-1 Concrete Sealer (Scheme L)	215.00	sqft	\$	2.50	\$	538		
						\$	-		
	Exterior					\$	-		
						\$	-		
		-	sf		\$	-			
	Interior					\$	-		
						\$	-		
						\$	-		
			sf			\$	-		
BP1000	Division 10 Accessories, Install	180,468.00	sf	\$	-	\$	950,440	\$	5.27
						\$	-		
						\$	-		
	Toilet partitions								
	Toilet Partitions - Phenolic	26.00	each	\$	1,650.00	\$	42,900		
	Toilet Partitions - Phenolic	7.00	each	\$	1,950.00	\$	13,650		
	Urinal Screens - Phenolic - Wall Hung	5.00	each	\$	750.00	\$	3,750		
						\$	-		
	Toilet Partitions - Phenolic	21.00	each	\$	1,650.00	\$	34,650		
	Toilet Partitions - Phenolic	6.00	each	\$	1,950.00	\$	11,700		
	Urinal Screens - Phenolic - Wall Hung	9.00	each	\$	750.00	\$	6,750		
						\$	-		
	Toilet Partitions - Phenolic	17.00	each	\$	1,650.00	\$	28,050		
	Toilet Partitions - Phenolic	3.00	each	\$	1,950.00	\$	5,850		
	Urinal Screens - Phenolic - Wall Hung	3.00	each	\$	750.00	\$	2,250		
						\$	-		
	Toilet/ bath accessories								
	Paper Towel Dispensers/Receptacles	28.00	each	\$	50.00	\$	1,400		
	Soap Dispensers	25.00	each	\$	50.00	\$	1,250		
	Grab Bars-18/36/42	17.00	each	\$	40.00	\$	680		
	Toilet Paper Dispensers	39.00	each	\$	30.00	\$	1,170		
	Mirrors	35.00	each	\$	400.00	\$	14,000		
	Janitor Sink	4.00	each	\$	550.00	\$	2,200		
	Shower Curtain/Rod	10.00	each	\$	55.00	\$	550		
	Shower (w/o Seat)	6.00	each	\$	615.00	\$	3,690		
	Shower - Handicap (w/Seat)	3.00	each	\$	1,210.00	\$	3,630		
	Hand Dryers	17.00	each	\$	430.00	\$	7,310		
						\$	-		
	Paper Towel Dispensers/Receptacles	9.00	each	\$	50.00	\$	450		
	Soap Dispensers	21.00	each	\$	50.00	\$	1,050		
	Grab Bars-18/36/42	13.00	each	\$	40.00	\$	520		
	Toilet Paper Dispensers	29.00	each	\$	30.00	\$	870		
	Mirrors	21.00	each	\$	400.00	\$	8,400		
	Janitor Sink	3.00	each	\$	550.00	\$	1,650		
	Hand Dryers	6.00	each	\$	430.00	\$	2,580		
						\$	-		
	Paper Towel Dispensers/Receptacles	6.00	each	\$	50.00	\$	300		
	Soap Dispensers	12.00	each	\$	50.00	\$	600		

	Grab Bars-18/36/42	4.00	each	\$ 40.00	\$ 160		
	Toilet Paper Dispensers	20.00	each	\$ 30.00	\$ 600		
	Mirrors	12.00	each	\$ 400.00	\$ 4,800		
	Shower Curtain/Rod	6.00	each	\$ 55.00	\$ 330		
	Hand Dryers	4.00	each	\$ 430.00	\$ 1,720		
					\$ -		
	Specialty						
	ALLOWANCE - Visual Display (OFCI)	1.00	allw	\$ 10,000.00	\$ 10,000		
	ALLOWANCE - Display Case / Cabinets	1.00	allw	\$ 15,000.00	\$ 15,000		
	Ceiling Mounted Projection Screens	4.00	each	\$ 5,000.00	\$ 20,000		
	Folding Partitions	455.00	sqft	\$ 75.00	\$ 34,125		
	Security Gate (A102D, E1/A575)	12.00	lnft	\$ 350.00	\$ 4,200		
	Cubicle Curtain	17.00	lnft	\$ 25.00	\$ 425		
	ALLOWANCE - Wall and Door Protection	1.00	allw	\$ 9,000.00	\$ 9,000		
	Corner Guards	93.00	each		\$ -		
	Lockers - Sub	1.00	lsum	\$ 143,500.00	\$ 143,500		
	Lockers, PE - 2x3	186.00	each		\$ -		
	Lockers, PE - 1x6	97.00	each		\$ -		
	Lockers, Corridor - 1x3 Double Tier	232.00	each		\$ -		
	Metal Lockers - Kitchen (Full Height)	16.00	opng		\$ -		
	Benches	26.00	each	\$ 290.00	\$ 7,540		
	Benches - Wall Mounted	10.00	each	\$ 125.00	\$ 1,250		
	FEC - Fire Extinguisher Cabinets	12.00	each	\$ 350.00	\$ 4,200		
	Fire Extinguisher w/15 lb ABC on Hook	10.00	each	\$ 75.00	\$ 750		
					\$ -		
	Knox Box	1.00	each	\$ 500.00	\$ 500		
	Canopies	3,400.00	sqft		\$ -		
	Kitchen	[2,600 sf]	sqft				
	Bus	[800 sf]	sqft				
	SunShade	11.00	sqft	\$ 350.00	\$ 3,850		
	Canopies	2,699.00	sqft	\$ 75.00	\$ 202,425		
	Bus Canopy	553.00	sqft	\$ 75.00	\$ 41,475		
					\$ -		
	ALLOWANCE - Visual Display (OFCI)	1.00	allw	\$ 10,000.00	\$ 10,000		
	ALLOWANCE - Wall and Door Protection	1.00	allw	\$ 30,000.00	\$ 30,000		
	Corner Guards	151.00	each		\$ -		
	Lockers - Sub	1.00	lsum	\$ 70,150.00	\$ 70,150		
	Lockers, Corridor - 12"x15" Double Tier	346.00	each		\$ -		
	FEC - Semi-Recessed w/15 lb ABC Extinguisher	12.00	each	\$ 350.00	\$ 4,200		
					\$ -		
	Wall Protection	1.00	lsum	\$ 1,000.00	\$ 1,000		
	Corner Guards	2.00	each		\$ -		
	Lockers, PE - 2x3	267.00	each	\$ 93.63	\$ 25,000		
	Benches	1.00	each	\$ 290.00	\$ 290		
	FEC - Fire Extinguisher Cabinets	6.00	each	\$ 350.00	\$ 2,100		
					\$ -		
	Signage						
	Interior Signage	1.00	lsum	\$ 54,144.00	\$ 54,144		
	Applied Graphics	1.00	lsum	\$ 10,000.00	\$ 10,000		
	Interior Signage	1.00	lsum	\$ 30,235.00	\$ 30,235		
	Interior Signage	1.00	lsum	\$ 5,621.00	\$ 5,621		
					\$ -		
					\$ -		
					\$ -		
					\$ -		
BP1100	Equipment	180,468.00	sf	\$ -	\$ 648,180	\$	3.59
					\$ -		
	ALLOWANCE FROM PFA - Residential Appliances	1.00	allw	\$ 5,000.00	\$ 5,000		
	Dishwashers - NIC	-	each		\$ -		
	Microwave - NIC	-	each		\$ -		
	Refrigerator - NIC	-	each		\$ -		
	Oven	-	each		\$ -		
	Hood, Kitchen	2.00	each		\$ -		
	Food Service Equipment - NIC	-			\$ -		
	Athletic Equipment	1.00	allw	\$ 108,500.00	\$ 108,500		
	Retractable BB Goals	6.00	each		\$ -		
	Volleyball Equipment	1.00	lsum		\$ -		
	Scoreboards	-	NOT INCLUDED		\$ -		
	Retractable Batting Cage	-	NOT INCLUDED		\$ -		

	ALLOWANCE - Athletic Laundry Equipment	1.00	allw	\$ 35,000.00	\$ 35,000		
	Lab Hoods	4.00	allw	\$ 16,545.00	\$ 66,180		
	Lab Equipment	1.00	allw	\$ 81,000.00	\$ 81,000		
	ADA Actuator-Wall Mtd	2.00	each	\$ 500.00	\$ 1,000		
	ADA Actuator/Card Reader Post (B1/A005)	1.00	each	\$ 500.00	\$ 500		
	Kiln - Install Only	1.00	each	\$ 1,000.00	\$ 1,000		
	Theater Lights & Curtains	1.00	lsum	\$ 350,000.00	\$ 350,000		
					\$ -		
BP1240	Furnishings	180,468.00	sf	\$ -	\$ 974,824	\$ 5.40	
					\$ -		
	Window Treatments				\$ -		
					\$ -		
	Shades	4,233.00	sqft	\$ 12.00	\$ 50,796		
	Shades- Motorized for High Windows	658.00	sqft	\$ 25.00	\$ 16,450		
	Shades	4,825.00	sqft	\$ 12.00	\$ 57,900		
					\$ -		
	Casework						
	Millwork Sub	1.00	lnft	\$ 246,042.00	\$ 246,042		
	Solid Surface Sills	442.00	lnft		\$ -		
	Base Cabinet - Workroom 105	29.00	lnft		\$ -		
	Wall Cabinet-Workroom 105	17.00	lnft		\$ -		
	Base Cabinet - Health 126	7.00	lnft		\$ -		
	Wall Cabinet-Health 126	7.00	lnft		\$ -		
	Base Cabinet - SC Classrm 132	43.00	lnft		\$ -		
	Wall Cabinet-SC Classrm 132	15.00	lnft		\$ -		
	Base Cabinet - ART 134	40.00	lnft		\$ -		
	Base Cabinet - OCS Classrm1 136	8.00	lnft		\$ -		
	Wall Cabinet-OCS Classrm1 136	11.00	lnft		\$ -		
	Base Cabinet - OCS Kitchen 137	19.00	lnft	\$ 175.00	\$ 3,325		
	Wall Cabinet-OCS Kitchen 137	13.00	lnft	\$ 155.00	\$ 2,015		
	Base Cabinet - Itinerant 139	11.00	lnft		\$ -		
	Wall Cabinet-Itinerant 139	11.00	lnft		\$ -		
	Base Cabinet - Workroom 143	28.00	lnft		\$ -		
	Wall Cabinet-Workroom 143	17.00	lnft		\$ -		
	Base Cabinet - CTE Health Science 203, 205	31.00	lnft		\$ -		
	Wall Cabinet-CTE Health Science 203, 205	31.00	lnft		\$ -		
	Base Cabinet - Faculty Workroom 211	14.00	lnft		\$ -		
	Wall Cabinet-Faculty Workroom 211	14.00	lnft		\$ -		
	Base Cabinet - CTE Business 213	9.00	lnft		\$ -		
	Base Cabinet - CTE Digital Media 216	10.00	lnft		\$ -		
	Base Cabinet - Dark Rm 219	6.00	lnft		\$ -		
	Base Cabinet - CTE Digital Media 221	9.00	lnft		\$ -		
	Shelving-Storage/Pantry 224	30.00	lnft	\$ 150.00	\$ 4,500		
	Base Cabinet - CTE Fam/Consumer SCI 223	84.00	lnft		\$ -		
	Wall Cabinet-CTE Fam/Consumer SCI 223	50.00	lnft		\$ -		
	Base Cabinet - CTE Marketing 230	14.00	lnft		\$ -		
	Base Cabinet - Woodshop 234	13.00	lnft		\$ -		
	Wall Cabinet-Woodshop 234	6.00	lnft		\$ -		
	Cabinet - Orchestra 238	21.00	lnft	\$ 600.00	\$ 12,600		
	Storage Cabinet - Storage 236,239	40.00	lnft	\$ 600.00	\$ 24,000		
	Cabinet - Band 244	16.00	lnft	\$ 600.00	\$ 9,600		
	Storage Cabinet - Office/Music Storage 245	52.00	lnft	\$ 600.00	\$ 31,200		
	Storage Cabinet - Instrument Storage 246	91.00	lnft	\$ 600.00	\$ 54,600		
	Base Cabinet - Waiting 122	13.00	lnft		\$ -		
	Built-in Trophy Casework	56.00	lnft	\$ 350.00	\$ 19,600		
	Misc. caulking	1.00	lsum	\$ 5,000.00	\$ 5,000		
					\$ -		
	Lab Casework	1.00	lsum	\$ 166,000.00	\$ 166,000		
	Base Cabinet - Science 202/204	108.00	lnft		\$ -		
	Base Cabinet - Storage 206	9.00	lnft		\$ -		
	Wall Cabinet-Storage 206	5.00	lnft		\$ -		
	Shelving-Storage 206	7.00	lnft		\$ -		
	Base Cabinet - Prep 207	20.00	lnft		\$ -		
	Base Cabinet - Science 212	39.00	lnft		\$ -		
	Base Cabinet - Storage 214	14.00	lnft		\$ -		
	Wall Cabinet-Storage 214	10.00	lnft		\$ -		
	Octagonal Tables 214	6.00	lnft		\$ -		
	Base Cabinet - Prep 215	21.00	lnft		\$ -		

	Base Cabinet - Science 217	68.00	lnft		\$ -		
	Octagonal Tables 217	6.00	lnft		\$ -		
	Base Cabinet - Science 222	38.00	lnft		\$ -		
					\$ -		
	Seating						
	Fixed Audience Seating	-	each	\$ 250.00	\$ -		
	Fixed Benches - Auxiliary Gym (includes 1 row as retractable)	1.00	lsum	\$ 8,100.00	\$ 8,100		
	New Auditorium Seats	915.00	each	\$ 287.54	\$ 263,096		
	Includes 15 Removable Seats				\$ -		
					\$ -		
					\$ -		
					\$ -		
					\$ -		
BP1300	Special Construction	180,468.00	sf	\$ -	\$ -	\$ 59,315	\$ 0.33
					\$ -		
	New Pressbox	-	sqft	\$ 116.67	\$ -		
	Demo Existing Pressbox	-	lsum		\$ -		
	Footing For Braces-4x4x1 (Bleacher Wall)	-	cuyd	\$ 375.00	\$ -		
	Bleacher Wall Continuous Footing	-	cuyd	\$ 375.00	\$ -		
	Grandstand Screen: Board & Batten Cemets Panel on 6" Mtl Stu	-	sqft	\$ 11.00	\$ -		
	Grandstand Screen: Braces	-	each	\$ 1,500.00	\$ -		
					\$ -		
	Renovate Existing Pressbox	1.00	lsum	\$ 50,000.00	\$ 50,000		
	Provide CL Fence w/ Slats Behind Bleachers	207.00	lnft	\$ 45.00	\$ 9,315		
					\$ -		
BP1400	Conveying Systems	180,468.00	sf	\$ -	\$ -	\$ 319,000	\$ 1.77
					\$ -		
	ALLOWANCE - Cab Upfit		allw	\$ 7,500.00	\$ -		
	Elevator Subcontractor	2.00	each	\$ 77,000.00	\$ 154,000		
	Elevator - 3500 #, 2 stop	1.00	each		\$ -		
	Elevator - 4500 #, 2 stop	1.00	each		\$ -		
	Elevator - Cab Protection - Temporary Use	1.00	lsum	\$ 60,000.00	\$ 60,000		
	Elevator - Reinspection		each		\$ -		
	Elevator - Temporary Use (extended warranty, maintenance)		mnth		\$ -		
	Elevator - Temporary Use (Elevator Operated Platform to finish Shafts)		mnh		\$ -		
	New Three Stop Elevator-3000#	3.00	stops	\$ 35,000.00	\$ 105,000		
	ALLOWANCE - Cab Upfit		allw	\$ 7,500.00	\$ -		
		-		\$ -	\$ -		
BP1530	Fire Sprinkler Systems	180,468.00	sf	\$ -	\$ -	\$ 882,379	\$ 4.89
	Fire Sprinkler Systems		ls	\$ -	\$ -		
	Fire Suppression System - Wet	91,400.00	sqft	\$ 4.87	\$ 445,118		
	Fire Suppression System - Dry (Canopies)	2.00	each		\$ -		
	Fire Suppression - 5' out to 1' up	1.00	each	\$ 3,500.00	\$ 3,500		
	Fire sprinkler system - Wet	68,166.00	sf	\$ 4.87	\$ 331,968		
	Fire Sprinkler Systems	20,902.00	sqft	\$ 4.87	\$ 101,793		
					\$ -		
					\$ -		
BP1540	Plumbing Systems	180,468.00	sf	\$ -	\$ -	\$ 1,887,695	\$ 10.46
	Plumbing Systems		ls		\$ -		
	Plumbing Trade Contractor	91,400.00	sqft	\$ 10.46	\$ 956,044		
	Plumbing Systems	68,166.00	sqft	\$ 10.46	\$ 713,016		
	Plumbing Systems	20,902.00	sqft	\$ 10.46	\$ 218,635		
			ls	\$ -	\$ -		
	Plumbing fixtures & equipment						
	Plumbing piping						
	Specialty plumbing systems						
BP1550	Mechanical Systems	180,468.00	sf	\$ -	\$ -	\$ 5,565,471	\$ 30.84
	Mechanical Systems		ls		\$ -		
	HVAC Trade Contractor	91,400.00	sqft	\$ 30.78	\$ 2,812,904		
	HVAC Hoisting	1.00	lsum		\$ -		
	Extended Warranties and Filters	1.00	lsum		\$ -		
	ALLOWANCE - BIM Coordinator	1.00	allw		\$ -		
	Kitchen Hoods	1.00	lsum		\$ -		
	New Dust Collector Systems	2.00	each	\$ 17,500.00	\$ 35,000		
	Mechanical Systems	68,166.00	sf	\$ 33.81	\$ 2,304,500		
	Mechanical Systems	20,902.00	ls	\$ 19.76	\$ 413,067		
					\$ -		
	HVAC equipment						

	HVAC piping							
	HVAC air distribution				\$	-		
	Controls and testing				\$	-		
BP1600	Electrical Systems	180,468.00	sf	\$	-	\$	3,963,408 \$ 21.96	
	Electrical Systems-Climbing	1.00	ls	\$	2,289,600.00	\$	2,289,600	
	Electrical Trade Contractor	91,400.00	sqft			\$	-	
	Electrical - Site Lighting - Pedestrian Pipe Bollards	1.00	lsum			\$	-	
	Emergency Generator	1.00	lsum			\$	-	
	Conduit/Rough-in for Two Pole Mounted Parking Lot Speakers	1.00	lsum	\$	5,000.00	\$	5,000	
	Electrical Systems	68,165.00	sf	\$	21.23	\$	1,447,204	
	Electrical Holds-Design Development	1.00	ls	\$	50,000.00	\$	50,000	
	Electrical Systems	20,902.00	sf	\$	11.65	\$	243,500	
	Electrical Holds-Design Development	1.00	ls	\$	50,000.00	\$	50,000	
						\$	-	
	Electrical power							
	Misc power for OHDs, Auto-Actuators, hand dyers, roller shades	1.00	lsum	\$	10,000.00	\$	10,000	
	Cable Tray	1.00	lsum			\$	-	
						\$	-	
	GMP#2 Electrical Backfeed	(1.00)	lsum	\$	131,896.00	\$	(131,896)	
						\$	-	
	Electrical power							
	Lighting							
	Electrical special systems							
	Conduit/Back-boxes Only for Speaker/Intercom in all Rooms	1.00	lsum			\$	-	
BP280	Site Accessories & Amenities	-	sf			\$	66,000 \$ 0.37	
	Bicycle racks	2.00	each	\$	500.00	1,000		
	Courtyard/Landscape Lighting	1.00	lsum	\$	15,000.00	15,000		
	Modular Retaining Walls	1,247.00	sqft			-		
	Delete CIP retaining wall along Oakland; provide modular wall	1,367.00	sqft			-		
						-		
	Pedestrian Guardrail	1,018.00	lnft			-		
	Metal Handrail	962.00	lnft			-		
	Monument Sign	1.00	lsum	\$	50,000.00	\$	50,000	
						-		
BP299	Fencing & Security	-	sf	\$	-	\$	364,940 \$ 2.02	
			lnft			-		
	New Perimeter Fence (to match existing)	888.00	lnft	\$	150.00	133,200		
	Footings for Brick Columns at new fencing	-	cuyd	\$	375.00	-		
	Brick Columns at new fencing	3,240.00	sqft	\$	63.50	205,740		
	Mechanical Gate	25.00	lnft	\$	150.00	3,750		
	Knox Box	1.00	ea	\$	500.00	500		
	Dumpster Enclosure, Gates	89.00	lnft	\$	150.00	13,350		
	Security Gates (Pair)	1.00	each	\$	1,500.00	1,500		
	Delivery Truck Access Gates (Pair)	1.00	each	\$	1,500.00	1,500		
	Dust Collection Screen Wall & Gate	36.00	lnft	\$	150.00	5,400		
			ea			-		
			ls	\$	-	-		
BP3284	Landscaping	-	sf	\$	-	\$	154,251 \$ 0.85	
	Landscaping	1.00	ls	\$	144,251.35	144,251		
	Sod - 35,409 sf					-		
	Hold for Landscaping at Stillwell	1.00	lsum	\$	10,000.00	10,000		
						-		
						\$	-	
Building Package								
	Cost of Work - Subtotal					\$	26,987,380 \$ 149.54	
*	CMAR General Conditions					\$	2,059,371 \$ 11.41	
*	General Requirements					\$	-	
*	Hoisting, Crane, Equipment					\$	-	
Subtotal - Cost of Work/ CMAR GC's							\$	29,046,751 \$ 160.95
	Project Insurances and Bonds	1.15%				\$	375,948 \$ 2.08	
	Builders Risk	0.20%				\$	65,382 \$ 0.36	
	Performance and Payment Bond	1.0%				\$	310,566 \$ 1.72	
	Subcontractor Default Insurance	1.5%				\$	404,811 \$ 2.24	
	Building Permit/ Inspections	0.0%				\$	- \$ -	
	Testing Agency	0.0%				\$	- \$ -	
	Construction Contingency	3.0%				\$	906,104 \$ 5.02	

Owner/Design Contingency	0.0%		\$ -	\$ -
Stillwell Water/Unknowns Contingency	0.0%		\$ 400,000	\$ 2.22
Escalation Contingency	0.0%		\$ -	\$ -
Subtotal			\$ 31,509,562	\$ 174.60
Construction Manager - Fees	3.75%		\$ 1,181,609	\$ 6.55
Total			\$ 32,691,170	\$ 181.15



Hendersonville High School
Campus Renovations
GMP #2 Bid Packages



Bid Date: 11/14/19
Bid Time: 2:00 PM

Bid Phase: 1
Bid Package No: 230
Bid Package Description: Structural & Selective Bldg Demolition

BP Estimate
Certification By:

Bids Received:	Bidder #1	Bidder #2	Bidder #3	Bidder #4	Bidder #5
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Bidder Name:	DH Griffin	EHG	E. Luke Greene		
Bidder Location:	Hickory, NC	Charlotte, NC	Johnson City, TN		
Base Bid Amount:	\$ 1,239,000.00	\$ 1,460,000.00	\$ 1,610,615.00		
Bid to Apparent Low Variance \$	\$ -	\$ 221,000.00	\$ 371,615.00		
Bid to Apparent Low Variance %	0%	18%	30%		

Scope of Work:					
Structural & Selective Bldg Demolition					
P&P Bond	\$ 9,540.30	incorrect note \$50.63/1000	\$ 19,327.38		
Bid Proposal (Subtotal)	\$ 1,248,540.30	\$ 1,460,000.00	\$ 1,629,942.38	\$ -	\$ -

Clarifications					
Addenda (Received/ Reviewed)					
MWSBE Participation \$					
TOTAL BID	\$ 1,248,540.30	\$ 1,460,000.00	\$ 1,629,942.38	\$ -	\$ -

Alternates					
Alternate #0: Performance and Payment Bond					
Alternate #5 -Upgraded Walkway Finishes	NA	NA	NA	\$ -	
Alternate #13 - Preferred Supplier CMU Masonry	NA	NA	NA	\$ -	
Alternate #15 - Stone Salvage	\$ 325,000.00	\$ 184,000.00	\$ 168,000.00	\$ -	



Hendersonville High School
Campus Renovations
GMP #2 Bid Packages



Bid Date: 11/14/19
Bid Time: 2:00 PM

Bid Phase: 2
Bid Package No: 300
Bid Package Description: Turnkey Concrete

BP Estimate
Certification By:

Bids Received:	Bidder #1	Bidder #2	Bidder #3	Bidder #4	Bidder #5
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Bidder Name:	Thorsland Concrete	DSG	Concrete Technicians Inc		
Bidder Location:		Charlotte, NC			
Base Bid Amount:	WITHDRAWN	\$ 2,884,120.00	\$ 5,296,740.00		
Bid to Apparent Low Variance \$	\$ -	\$ -	\$ 2,412,620.00		
Bid to Apparent Low Variance %	0%	0%	84%		

Scope of Work:					
P&P Bond	#VALUE!	\$ 31,725.32	\$ 79,451.10		
Bid Proposal (Subtotal)	#VALUE!	\$ 2,915,845.32	\$ 5,296,740.00	\$ -	\$ -

Clarifications					
Addenda (Received/ Reviewed)					
MWSBE Participation \$					
TOTAL BID	#VALUE!	\$ 2,915,845.32	\$ 5,296,740.00	\$ -	\$ -

Alternates					
Alternate #0: Performance and Payment Bond					
Alternate #5 -Upgraded Walkway Finishes	No Cost	No Cost	\$ (2,200.00)	\$ -	\$ -
Alternate #13 - Preferred Supplier CMU Masonry	NA	NA	NA	\$ -	\$ -
Alternate #15 - Stone Salvage	NA	NA	NA	\$ -	\$ -



Hendersonville High School
Campus Renovations
GMP #2 Bid Packages



Bid Date: 11/14/19
Bid Time: 2:00 PM

Bid Phase: 2
Bid Package No: 400
Bid Package Description: New Building CMU Masonry

BP Estimate
Certification By:

Bids Received:	Bidder #1	Bidder #2	Bidder #3	Bidder #4	Bidder #5
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Bidder Name:	Cherokee Masonry	Electric City Masonry	Gates		
Bidder Location:	Gaffney, SC	Anderson, SC			
Base Bid Amount:	\$ 1,125,977.00	\$ 3,114,500.00	\$ 1,299,000.00		
Bid to Apparent Low Variance \$	\$ -	\$ 1,988,523.00	\$ 173,023.00		
Bid to Apparent Low Variance %	0%	177%	15%		

Scope of Work:					
New Building CMU Masonry					
P&P Bond	\$ 22,519.54	\$ 46,717.50	\$ 12,990.00		
Bid Proposal (Subtotal)	\$ 1,148,496.54	\$ 3,161,217.50	\$ 1,311,990.00	\$ -	\$ -

Clarifications					
Addenda (Received/ Reviewed)					
MWSBE Participation \$	\$ -	\$ -	\$ -	\$ -	
TOTAL BID	\$ 1,148,496.54	\$ 3,161,217.50	\$ 1,311,990.00	\$ -	\$ -

Alternates					
Alternate #0: Performance and Payment Bond					
Alternate #5 -Upgraded Walkway Finishes	NA	NA	NA	\$ -	\$ -
Alternate #13 - Preferred Supplier CMU Masonry	No Cost	\$ 144,850.00	No Cost	\$ -	\$ -
Alternate #15 - Stone Salvage	NA	NA	NA	\$ -	\$ -



Hendersonville High School
Campus Renovations
GMP #2 Bid Packages



Bid Date: 11/14/19
Bid Time: 2:00 PM

Bid Phase: 2
Bid Package No: 500
Bid Package Description: Turnkey Steel

BP Estimate
Certification By:

Bids Received:	Bidder #1	Bidder #2	Bidder #3	Bidder #4	Bidder #5
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Bidder Name:	Dave Steel	Quality Machine	SteelFab	Structural Steel of Carolina	
Bidder Location:	Asheville, NC		Charlotte, NC	Greenville, SC	
Base Bid Amount:	\$ 3,525,000.00	\$ 3,480,400.00	\$ 2,516,921.00	\$ 2,497,000.00	
Bid to Apparent Low Variance \$	\$ 1,028,000.00	\$ 983,400.00	\$ 19,921.00	\$ -	
Bid to Apparent Low Variance %	41%	39%	1%	0%	

Scope of Work:					
P&P Bond	\$ 35,250.00	\$ 34,804.00	\$ 25,169.21	\$ 34,958.00	
Bid Proposal (Subtotal)	\$ 3,560,250.00	\$ 3,515,204.00	\$ 2,542,090.21	\$ 2,531,958.00	\$ -

Clarifications					
Addenda (Received/ Reviewed)					
MWSBE Participation \$				\$ 2,531,958	
TOTAL BID	\$ 3,560,250.00	\$ 3,515,204.00	\$ 2,542,090.21	\$ 2,531,958.00	\$ -

Alternates					
Alternate #0: Performance and Payment Bond					
Alternate #5 -Upgraded Walkway Finishes	NA	NA	NA	NA	\$ -
Alternate #13 - Preferred Supplier CMU Masonry	NA	NA	NA	NA	\$ -
Alternate #15 - Stone Salvage	NA	NA	NA	NA	\$ -



Hendersonville High School
Campus Renovations
GMP #2 Bid Packages



Bid Date: 11/14/19
Bid Time: 2:00 PM

Bid Phase: 2
Bid Package No: 16100
Bid Package Description: Electrical Systems (Backfeeding)

BP Estimate

Certification By:

3rd **1st** **4th** **2nd**

Bids Received:	Bidder #1	Bidder #2	Bidder #3	Bidder #4	Bidder #5
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Bidder Name:	A-American Electric	Emory	Fountain Electric	Haynes Electric	
Bidder Location:	Asheville, NC	Asheville, NC	Asheville, NC	Asheville, NC	
Base Bid Amount:	\$ 160,000.00	\$ 130,720.00	\$ 247,600.00	\$ 147,250.00	
Bid to Apparent Low Variance \$	\$ 29,280.00	\$ -	\$ 116,880.00	\$ 16,530.00	
Bid to Apparent Low Variance %	22%	0%	89%	13%	

Scope of Work:					
P&P Bond	\$ 2,304.00	\$ 1,176.48	\$ 4,952.00	\$ 1,178.00	
Bid Proposal (Subtotal)	\$ 162,304.00	\$ 131,896.48	\$ 252,552.00	\$ 148,428.00	\$ -

Clarifications					
Addenda (Received/ Reviewed)					
MWSBE Participation \$					
TOTAL BID	\$ 162,304.00	\$ 131,896.48	\$ 252,552.00	\$ 148,428.00	\$ -

Alternates					
Alternate #0: Performance and Payment Bond					
Alternate #5 -Upgraded Walkway Finishes	\$ -	\$ -	\$ -	\$ -	\$ -
Alternate #13 - Preferred Supplier CMU Masonry	\$ -	\$ -	\$ -	\$ -	\$ -
Alternate #15 - Stone Salvage	\$ -	\$ -	\$ -	\$ -	\$ -



Hendersonville High School
Campus Renovations
GMP #2 Bid Packages



Bid Date: 11/14/19
Bid Time: 2:00 PM

Bid Phase: 2
Bid Package No: 220
Bid Package Description: Site Development

BP Estimate
Certification By:

Bids Received:	Bidder #1	Bidder #2	Bidder #3	Bidder #4	Bidder #5
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Bidder Name:	Buchanan and Sons	NHM Constructors	Tennoca		
Bidder Location:					
Base Bid Amount:	\$ 4,785,000.00	\$ 4,331,615.00	\$ 4,570,000.00		
Bid to Apparent Low Variance \$	\$ (453,385.00)	-	\$ (238,385.00)		
Bid to Apparent Low Variance %	-10%	0%	-6%		

Scope of Work:					
Site Development					
P&P Bond	\$ 71,775.00	\$ 51,797.38	\$ 54,840.00		
Bid Proposal (Subtotal)	\$ 4,856,775.00	\$ 4,383,412.38	\$ 4,624,840.00	\$ -	\$ -

Clarifications					
Addenda (Received/ Reviewed)					
MWSBE Participation \$		\$ -	\$ -		
TOTAL BID	\$ 4,856,775.00	\$ 4,383,412.38	\$ 4,624,840.00	\$ -	\$ -

Alternates					
Alternate #0: Performance and Payment Bond				\$ -	
Alternate #5 -Upgraded Walkway Finishes	\$ 188,800.00	\$ 64,236.00	\$ 15,000.00	\$ -	
Alternate #13 - Preferred Supplier CMU Masonry	NA	NA	NA	\$ -	
Alternate #15 - Stone Salvage	NA	NA	NA	\$ -	

Hendersonville High School

Henderson County
Hendersonville, North Carolina
November 22, 2019



GMP #2 Estimate Clarifications

General Items

- 1 This budget is based on 95% GMP 2 Drawings and Specifications dated October 18, 2019 by PFA/LS3P Architects and the following clarifications. The GMP#2 scope of work is included as specifically outlined in CMAR GMP#2 Bid Manual, dated October 22nd, 2019, and as further clarified through CMAR GMP#2 Addenda 1-4.
- 2 The full Estimate includes breakouts for GMP #1 (Reconciled), GMP #2 (Sitework, Demolition/Abatement, Concrete, CMU Masonry, Structural & Misc. Steel and an enabling bid package for Electrical) and a projected Balance of Work.
- 3 No work is included outside the designated work area, unless specifically noted.
- 4 Full access and normal, daytime working hours.
- 5 Third party commissioning is not included.
- 6 All third party testing, including special inspections, are not included.
- 7 LEED or any other sustainability certifications are not included.
- 8 Tap Fees, Utilities Fees, Utility bonds, Permit Fees etc. are not included.
- 9 The following items are **NOT** included in the estimate
 - a Salvage items, other than a \$50,000 allowance for stone (under Balance of the Work), and an \$8,000.00 allowance to salvage a portion of the wood flooring Aux Gym (under GMP2). *There is no way to guarantee the wood flooring planks can be salvaged, so the intent is to sawcut and salvage as much of the wood flooring as possible under the allowance.
 - b Interior and Exterior Scoreboards (electrical rough-in is included)
 - c Movable furniture (i.e. desk, chairs, tables, book cases, etc.)
 - d Library book cases and furniture
 - e Shop equipment
 - f Loading dock equipment
 - g Paging Equipment
 - h FSC wood
 - i Residential appliances
 - j Specific STC ratings
 - k GMP3 related items
- 10 The following Allowances are included:
 - \$400,000 for Stillwell building to address water infiltration and general unknowns.
 - \$50,000 for a monument sign
 - \$8,000 for the salvaging of wood flooring from the Aux. Gym.
 - \$375 per thousand for brick material
 - \$60,000 included for interior and exterior expansion joints
 - \$16,250 for wall louvers
 - \$15,000 for Display Cases/Cabinets
 - \$20,000 for Wall Protection
 - \$120,000 for interior signage/applied graphics
 - \$350,000 for Theater Lights, Curtains, Rigging & Sound System
 - \$5,000 for two Kitchen hoods
 - \$35,000 is included for Athletic Laundry Equipment.
 - \$66,180 is included for Hoods.
 - \$81,000 is included for Lab Equipment.
 - \$56,151 is included for Emergency Responder Radio Repeater System.
- 11 Building is included as seismic design C.

BP-0154h Hosting

- 1 A Tower Crane is not included.

BP-0222 Demolition

- 1 Removal of all site overhead electrical and poles are not included.
- 2 Removal of site gas and gas meters are not included.
- 3 We include an Allowance of \$8,000 for the salvaging of wood flooring from the auxiliary gym. Size and condition of the flooring pieces are not guaranteed. Salvaged materials are to be picked up by the Alumni Group/Association with 1 week of notification.

BP-0300 Concrete

- 1 Slab on grade is included as normal weight concrete over 4" of ABC stone.
- 2 Elevated slabs are included as 5 1/2" total thickness of lightweight concrete.
- 3 Floor patching at the removed theater seating in Stillwell Hall is included.
- 4 Exposed concrete is included as "As-Cast" finish

Clarifications

Hendersonville High School

Henderson County
Hendersonville, North Carolina
November 22, 2019



GMP #2 Estimate Clarifications

5 Moisture mitigation of 11,715 sf of slabs is included.

BP-0400 Masonry

- 1 Tuck pointing of all exterior facades of Stillwell is included.
- 2 Sealing of exterior facades of Stillwell is not included.
- 3 Grouting of CMU is included as following:
 - a Non-fire rated 8" walls grouted 24" o.c. vertically with bond beams every 6'.
 - b Non-fire rated 12" walls grouted 24" o.c. vertically with bond beams every 4'8".
 - c Fire rated 8" walls grouted 8" o.c. vertically with bond beams every 4' 8".
 - d Fire rated 12" walls grouted 8" o.c. vertically with bond beams every 4'8".
 - e Stair shaft walls and elevator shaft walls are included as solid grouted.

BP-0510 Metals

- 1 AESS is not included.
- 2 Masonry lintels are included as galvanized steel.
- 3 Structural steel is included as primed.
- 4 Mechanical Screens are not included

BP-0710 Waterproofing and Sealants

- 1 See Estimate Detail

BP-0740 Metal Panels

- 1 ACM panels are included as 4mm "System-III Rain-Screen" panel systems with a fire resistant core by Eastern Cladding Services. Inc.

BP-0750 Roofing

- 1 Membrane roofing is included as fully mechanically fastened (specs indicate a combination of mechanically fastened and adhered - this is NOT included.)

BP-0781 Fireproofing

- 1 Spray Applied Fireproofing is NOT included
- 2 Intumescent fireproofing is NOT included

BP-0811 Doors, Frames, and Hardware

- 1 See Estimate Detail

BP-0833 Overhead Doors

BP-0840 Glass and Glazing

- 1 Translucent Panels are included as CPI Daylighting's UniQuad polycarbonate wall light system..

BP-0920 Drywall and Ceilings

- 1 Level 5 finish is not included. .

BP-0930 Hard Tiling

- 1 Included where shown, as thin set.

BP-0964 Wood Flooring

BP-0965 Flooring

- 1 Moisture Mitigation of the concrete slabs for new flooring is included at the auxiliary gym, band and chorus areas only.
- 2 There is no access flooring included.
- 3 See Estimate Detail and VE Log for revisions to flooring as designed. Previous budget included VCT in many areas.

BP-0980 Acoustical Treatment

- 1 Acoustical wall panels are included where shown

BP-0990 Painting

BP-1000 Specialties

Clarifications

Hendersonville High School

Henderson County
Hendersonville, North Carolina
November 22, 2019



GMP #2 Estimate Clarifications

- 1 668 new lockers are included at Stillwell.
- 2 Allowances included for Interior Signage-\$90,000, Monumental Sign-\$50,000, Applied Graphics-\$30,000
- 3 All Visual Displays (markerboards, touch displays, chalkboards, monitors, etc.) are included as Owner Furnished/Contractor Installed.
- 4 Included are four ceiling mounted retractable projection screens,
- 5 Corner guards are included where indicated. No other wall protection is included.
- 6 Toilet paper holders and paper towel dispensers are included as Owner Furnished/Contractor Installed. All other scheduled toilet accessories are included as Contractor Furnished/Contractor Installed.

BP-1100 Equipment

- 1 Food Service Equipment is part of Owner FF&E costs and is not included in this construction budget.
- 2 New Theatre and Stage Equipment and Lighting Allowance is included at \$350,000.
- 3 Drop-down batting cage is not included (SEE ALTERNATES).
- 4 Scoreboards are not included.
- 5 We include labor to install one Owner furnished kiln.

BP-1200 Furnishings

- 1 Stillwell auditorium seating is included as proposed by KI Fixed Seating Solutions
- 2 Octagonal tables shown in Science Rooms 214 and 217 are included in our casework pricing.

BP-1334 Fabricated Engineered Structures

- 1 Press box and Bleacher Screen Wall are not included. See Alternates

BP-1410 Elevators

- 1 Elevators are included with standard manufacturer provided cab interior finishes.

BP-2100 Fire Protection

BP-2200 Plumbing

- 1 PVC below slab, cast iron above, copper with insulation
- 2 Fixtures to spec
- 3 Gas piping, grease interceptor, lint interceptors
- 4 Neutralizer tank, air compressor
- 5 Roof drains/ overflows

BP-2300 HVAC

- 1 Packaged HVAC units per plans
- 2 VRF systems per plans
- 3 VRF control system and BAS system
- 4 Kitchen hoods
- 5 Electric wall heaters
- 6 Two new dust collection systems are included.
- 7 Exhaust fans
- 8 Seismic hangers for duct and HVAC components inside the buildings for Design Category C or lower
- 9 Air distribution devices (grilles and registers) equal to those shown and scheduled.
- 10 Galvanized sheet metal ductwork and welded grease ducts for kitchen exhaust-manufactured and installed per SMACNA standards.
- 11 PVC condensate drain piping
- 12 Refrigeration piping for the VRF systems
- 13 Refrigeration isolation valves installed at each VRF indoor unit, VRF branch box and VRF outdoor unit.
- 14 HVAC duct insulation.
- 15 Armaflex or equal refrigerant piping insulation.
- 16 Labels and identification of mechanical equipment and systems
- 17 Operation and maintenance manuals, training and one-year warranty.
- 18 One set of filters for HVAC equipment for start-up and testing.
- 19 Test and balance
- 20 Start-up and check-out of the mechanical systems.

Hendersonville High School

Henderson County
Hendersonville, North Carolina
November 22, 2019



GMP #2 Estimate Clarifications

Electrical

- 1 The following low voltage system are included as stated:
 - a Fire Alarm - complete system
 - b Intercom - conduit and back boxes only.
 - c Tele/Data - conduit and back boxes only
 - d CATV - conduit and back boxes only
 - e Security (card access, cameras, etc.) - conduit and back boxes only
- 2 Site lighting is assumed to be leased by Duke

BP-3100 Sitework

- 1 See estimate detail
- 2 Included is a credit for reducing site sidewalk quantities by 4,000 sf.

BP-3141 Shoring

- 1 Shoring is included where indicated at the existing gym and at Stillwell

BP-3231 Fencing

- 1 New perimeter fencing is included.

BP-3290 Landscaping

Project: Hendersonville High School GMP #2 Estimate	Hendersonville High School		Estimate Date:	11/14/2019
	GMP #2 Estimate		Revision:	
	Alt 5-Upgraded Walkway Finishes		Addenda:	
Location: Hendersonville, North Carolina	TOTAL SF:	180,468.00	Prepared By:	DLF
Architect: PFA/LS3P	Cost/ SF:		Reviewed By:	



CSI	Description	Quantity	Unit	Unit Price	Unit Cost	TOTALS	\$/ SF
BP240	General Requirements	180,468.00	sf	\$ -		\$ -	\$ -
BP210	Demolition	180,468.00	sf	\$ -		\$ -	\$ -
BP390	Turnkey Concrete	180,468.00	sf	\$ -		\$ -	\$ -
BP350	Precast	180,468.00	sf	\$ -		\$ -	\$ -
BP400	Turnkey Masonry	180,468.00	sf	\$ -		\$ -	\$ -
BP500	Turnkey Structural Steel	180,468.00	sf	\$ -		\$ -	\$ -
BP610	Rough Carpentry and Blocking	180,468.00	sf	\$ -		\$ -	\$ -
BP640	Finish Carpentry and Casework	180,468.00	sf	\$ -		\$ -	\$ -
BP750	Roofing	180,468.00	sf	\$ -		\$ -	\$ -
BP7250	EIFS/Stucco	180,468.00	sf	\$ -		\$ -	\$ -
BP780	Sprayed on Fireproofing	180,468.00	sf	\$ -		\$ -	\$ -
BP740	Metal Panels	180,468.00	sf	\$ -		\$ -	\$ -
BP790	Caulking, Waterproofing, Firestopping	180,468.00	sf	\$ -		\$ -	\$ -
BP800	Doors, Frames, Hardware, Install	180,468.00	sf	\$ -		\$ -	\$ -
BP840	Aluminum Framed Openings, Glass	180,468.00	sf	\$ -		\$ -	\$ -
BP850	Special Doors	180,468.00	sf	\$ -		\$ -	\$ -
BP920	Metal Studs, Drywall, Insulation	180,468.00	sf	\$ -		\$ -	\$ -
BP925	Ceiling Treatments	180,468.00	sf	\$ -		\$ -	\$ -
BP960	Flooring	180,468.00	sf	\$ -		\$ -	\$ -
BP990	Painting and Coatings	180,468.00	sf	\$ -		\$ -	\$ -
BP1000	Division 10 Accessories, Install	180,468.00	sf	\$ -		\$ -	\$ -
BP1100	Equipment	180,468.00	sf	\$ -		\$ -	\$ -
BP1240	Furnishings	180,468.00	sf	\$ -		\$ -	\$ -
BP1300	Special Construction	180,468.00	sf	\$ -		\$ -	\$ -
BP1400	Conveying Systems	180,468.00	sf	\$ -		\$ -	\$ -
BP1530	Fire Sprinkler Systems	180,468.00	sf	\$ -		\$ -	\$ -
BP1540	Plumbing Systems	180,468.00	sf	\$ -		\$ -	\$ -
BP1550	Mechanical Systems	180,468.00	sf	\$ -		\$ -	\$ -
BP1600	Electrical Systems	180,468.00	sf	\$ -		\$ 65,007	\$ 0.36
BP220	Site Development	180,468.00	sf	\$ -		\$ 65,007	\$ 0.36
	BP220 - Site Development	1.00	ls	\$ 65,006.83	\$ 65,007		
					\$ -		

Building Package								
Cost of Work - Subtotal						\$ 130,014	\$ 0.72	
*	CMAR General Conditions						\$ 10,856	\$ 0.06
*	General Requirements							\$ -
*	Hoisting, Crane, Equipment							\$ -

Subtotal - Cost of Work/ CMAR GC's						\$ 140,870	\$ 0.78
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Project Insurances and Bonds	1.15%				\$ 1,799	\$ 0.01
Builders Risk	0.20%				\$ 313	\$ 0.00
Performance and Payment Bond	1.0%				\$ 1,486	\$ 0.01
Subcontractor Default Insurance	1.5%				\$ 1,950	\$ 0.01
Building Permit/ Inspections	0.0%				\$ -	\$ -
Testing Agency	0.0%				\$ -	\$ -
Construction Contingency	3.0%				\$ 4,393	\$ 0.02
Owner/Design Contingency	0.0%				\$ -	\$ -
Stillwell Water/Unknowns Contingency	0.0%				\$ -	\$ -
Escalation Contingency	0.0%				\$ -	\$ -

Subtotal						\$ 150,811	\$ 0.84
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Construction Manager - Fees	3.75%				\$ 5,655	\$ 0.03
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Total						\$ 156,467	\$ 0.87
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Project:	Hendersonville High School GMP #2 Estimate	Hendersonville High School		Estimate Date:	11/14/2019
		GMP #2 Estimate		Revision:	
		Alt 13-Preferred Supplier CMU Masonry		Addenda:	
Location:	Hendersonville, North Carolina	TOTAL SF:	180,468.00	Prepared By:	DLF
Architect:	PFA/LS3P	Cost/ SF:		Reviewed By:	



CSI	Description	Quantity	Unit	Unit Price	Unit Cost	TOTALS	\$/ SF	
BP240	General Requirements	180,468.00	sf	\$ -		\$ -	\$ -	
BP210	Interior Demolition	180,468.00	sf	\$ -		\$ -	\$ -	
BP390	Turnkey Concrete	180,468.00	sf	\$ -		\$ -	\$ -	
BP350	Precast	180,468.00	sf	\$ -		\$ -	\$ -	
BP400	Turnkey Masonry	180,468.00	sf	\$ -		\$ -	\$ -	
	Provide Preferred Supplier - CMU materials		No Change		\$ -			
					\$ -			
					\$ -			
BP500	Turnkey Structural Steel	180,468.00	sf	\$ -		\$ -	\$ -	
BP610	Rough Carpentry and Blocking	180,468.00	sf	\$ -		\$ -	\$ -	
BP640	Finish Carpentry and Casework	180,468.00	sf	\$ -		\$ -	\$ -	
BP750	Roofing	180,468.00	sf	\$ -		\$ -	\$ -	
BP7250	EIFS/Stucco	180,468.00	sf	\$ -		\$ -	\$ -	
BP780	Sprayed on Fireproofing	180,468.00	sf	\$ -		\$ -	\$ -	
BP740	Metal Panels	180,468.00	sf	\$ -		\$ -	\$ -	
BP790	Caulking, Waterproofing, Firestopping	180,468.00	sf	\$ -		\$ -	\$ -	
BP800	Doors, Frames, Hardware, Install	180,468.00	sf	\$ -		\$ -	\$ -	
BP840	Aluminum Framed Openings, Glass	180,468.00	sf	\$ -		\$ -	\$ -	
BP850	Special Doors	180,468.00	sf	\$ -		\$ -	\$ -	
BP920	Metal Studs, Drywall, Insulation	180,468.00	sf	\$ -		\$ -	\$ -	
BP925	Ceiling Treatments	180,468.00	sf	\$ -		\$ -	\$ -	
BP960	Flooring	180,468.00	sf	\$ -		\$ -	\$ -	
BP990	Painting and Coatings	180,468.00	sf	\$ -		\$ -	\$ -	
BP1000	Division 10 Accessories, Install	180,468.00	sf	\$ -		\$ -	\$ -	
BP1100	Equipment	180,468.00	sf	\$ -		\$ -	\$ -	
BP1240	Furnishings	180,468.00	sf	\$ -		\$ -	\$ -	
BP1300	Special Construction	180,468.00	sf	\$ -		\$ -	\$ -	
BP1400	Conveying Systems	180,468.00	sf	\$ -		\$ -	\$ -	
BP1530	Fire Sprinkler Systems	180,468.00	sf	\$ -		\$ -	\$ -	
BP1540	Plumbing Systems	180,468.00	sf	\$ -		\$ -	\$ -	
BP1550	Mechanical Systems	180,468.00	sf	\$ -		\$ -	\$ -	
BP1600	Electrical Systems	180,468.00	sf	\$ -		\$ -	\$ -	
Building Package								
	Cost of Work - Subtotal					\$ -	\$ -	
*	CMAR General Conditions					\$ -	\$ -	
*	General Requirements					\$ -	\$ -	
*	Hoisting, Crane, Equipment					\$ -	\$ -	
Subtotal - Cost of Work/ CMAR GC's							\$ -	\$ -
Project Insurances and Bonds	1.15%					\$ -	\$ -	
Builders Risk	0.20%					\$ -	\$ -	
Performance and Payment Bond	1.0%					\$ -	\$ -	
Subcontractor Default Insurance	1.5%					\$ -	\$ -	
Building Permit/ Inspections	0.0%					\$ -	\$ -	
Testing Agency	0.0%					\$ -	\$ -	
Construction Contingency	3.0%					\$ -	\$ -	
Owner/Design Contingency	0.0%					\$ -	\$ -	
Stillwell Water/Unknowns Contingency	0.0%					\$ -	\$ -	
Escalation Contingency	0.0%					\$ -	\$ -	
Subtotal							\$ -	\$ -
Construction Manager - Fees	3.75%					\$ -	\$ -	
Total							\$ -	\$ -

Project:	Hendersonville High School	Hendersonville High School		Estimate Date:	11/14/2019
	GMP #2 Estimate	GMP #2 Estimate		Revision:	
		Alt 15-Stone Salvage		Addenda:	
Location:	Hendersonville, North Carolina	TOTAL SF:	180,468.00	Prepared By:	DLF
Architect:	PFA/LS3P	Cost/ SF:		Reviewed By:	



CSI	Description	Quantity	Unit	Unit Price	Unit Cost	TOTALS	\$/ SF
BP240	General Requirements	180,468.00	sf	\$ -		\$ -	\$ -
BP210	Demolition	180,468.00	sf	\$ -		\$ 327,503	\$ 1.81
	Salvage Existing Stone for Later Re-use	1.00	lsum	\$ 327,502.50	\$ 327,503		
					\$ -		
					\$ -		
					\$ -		
BP390	Turnkey Concrete	180,468.00	sf	\$ -		\$ -	\$ -
BP350	Precast	180,468.00	sf	\$ -		\$ -	\$ -
BP400	Turnkey Masonry	180,468.00	sf	\$ -		\$ -	\$ -
BP500	Turnkey Structural Steel	180,468.00	sf	\$ -		\$ -	\$ -
BP610	Rough Carpentry and Blocking	180,468.00	sf	\$ -		\$ -	\$ -
BP640	Finish Carpentry and Casework	180,468.00	sf	\$ -		\$ -	\$ -
BP750	Roofing	180,468.00	sf	\$ -		\$ -	\$ -
BP7250	EIFS/Stucco	180,468.00	sf	\$ -		\$ -	\$ -
BP780	Sprayed on Fireproofing	180,468.00	sf	\$ -		\$ -	\$ -
BP740	Metal Panels	180,468.00	sf	\$ -		\$ -	\$ -
BP790	Caulking, Waterproofing, Firestopping	180,468.00	sf	\$ -		\$ -	\$ -
BP800	Doors, Frames, Hardware, Install	180,468.00	sf	\$ -		\$ -	\$ -
BP840	Aluminum Framed Openings, Glass	180,468.00	sf	\$ -		\$ -	\$ -
BP850	Special Doors	180,468.00	sf	\$ -		\$ -	\$ -
BP920	Metal Studs, Drywall, Insulation	180,468.00	sf	\$ -		\$ -	\$ -
BP925	Ceiling Treatments	180,468.00	sf	\$ -		\$ -	\$ -
BP960	Flooring	180,468.00	sf	\$ -		\$ -	\$ -
BP990	Painting and Coatings	180,468.00	sf	\$ -		\$ -	\$ -
BP1000	Division 10 Accessories, Install	180,468.00	sf	\$ -		\$ -	\$ -
BP1100	Equipment	180,468.00	sf	\$ -		\$ -	\$ -
BP1240	Furnishings	180,468.00	sf	\$ -		\$ -	\$ -
BP1300	Special Construction	180,468.00	sf	\$ -		\$ -	\$ -
BP1400	Conveying Systems	180,468.00	sf	\$ -		\$ -	\$ -
BP1530	Fire Sprinkler Systems	180,468.00	sf	\$ -		\$ -	\$ -
BP1540	Plumbing Systems	180,468.00	sf	\$ -		\$ -	\$ -
BP1550	Mechanical Systems	180,468.00	sf	\$ -		\$ -	\$ -
BP1600	Electrical Systems	180,468.00	sf	\$ -		\$ -	\$ -
Building Package							
	Cost of Work - Subtotal					\$ 327,503	\$ 1.81
*	CMAR General Conditions					\$ 27,346	\$ 0.15
*	General Requirements					\$ -	\$ -
*	Hoisting, Crane, Equipment					\$ -	\$ -
Subtotal - Cost of Work/ CMAR GC's						\$ 354,849	\$ 1.97
Project Insurances and Bonds	1.15%					\$ 4,533	\$ 0.03
Builders Risk	0.20%					\$ 788	\$ 0.00
Performance and Payment Bond	1.0%					\$ 3,744	\$ 0.02
Subcontractor Default Insurance	1.5%					\$ 4,913	\$ 0.03
Building Permit/ Inspections	0.0%					\$ -	\$ -
Testing Agency	0.0%					\$ -	\$ -
Construction Contingency	3.0%					\$ 11,065	\$ 0.06
Owner/Design Contingency	0.0%					\$ -	\$ -
Stillwell Water/Unknowns Contingency	0.0%					\$ -	\$ -
Escalation Contingency	0.0%					\$ -	\$ -
Subtotal						\$ 379,891	\$ 2.11
Construction Manager - Fees	3.75%					\$ 14,246	\$ 0.08
Total						\$ 394,137	\$ 2.18