PROPOSAL SUMMARY
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

Project:	OOLITE ART CENTER
Address:	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150
Scope:	Roofing & Waterproofing
Date:	11/3/2026

CLUSTER 1

DIVISION	DESCRIPTION	MATERIAL COST	LABOR COST	MATERIAL TAX	LABOR TAX	EQUIPMENT COST	TOTAL COST	OVERHEADS	PROFIT	ADDITIONAL COST (If any)	TOTAL
DIV-01	GENERAL REQUIREMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
DIV-07	THERMAL AND MOISTURE PROTECTION	$ 41,745.03	$ 14,037.09	$ 2,922.15	$ 986.81	$ -	$ 59,691.08	$ 5,969.11	$ 5,969.11	$ -	$ 71,629.30
	TOTAL	$ 41,745	$ 14,037	$ 2,922	$ 987		$ 59,691	$ 5,969	$ 5,969	$ -	$ 71,629

BID SUMMARY			
1	**TOTAL MATERIAL COST**		**$ 41,745**
	MATERIAL SALES TAX	7%	$ 2,922
	JOB EXPENSE		
2	**TOTAL LABOR COST**		**$ 14,037**
	LABOR TAX	7%	$ 987
3	**TOTAL COST**		**$ 59,691**
	OVERHEADS @	10%	$ 5,969
	PROFIT @	10%	$ 5,969
4	**TOTAL COST W/ OVERHEADS + PROFIT**		**$ 71,629**
	BOND & INSURANCE	0%	$ -
	PROJECT SUPERVISION & PROJECT MANAGEMENT		$ -
	SUBMITTALS, SAMPLES, SHOP DRAWINGS, SITE SAFETY PLAN, ETC.		$ -
	TEMPORARY FACILITIES & CONTROLS		$ -
	PROJECT SCHEDULE (Primavera P3 or P6)		$ -
	OFFICE OVERHEADS		$ -
	CLOSEOUT PROCEDURES		$ -
	PERMITS		$ -
	ALLOWANCES		$ -
	MOBILIZATION / DEMOBILIZATION		$ -
	SUB-CONTRACTS		$ -
	BOND PREMIUM	0%	$ -
5	**BASE BID PRICE**		**$ 71,629**

MAN-LOADING AND SUPERVISION ANALYSIS				
1	TOTAL MANHOURS WITH SUPERVISION			482
2	NUMBER OF MAN-DAYS			60.26
3	MAN LOAD			5
4	JOURNEYMAN RATE	3		$ 26.55
5	SUPERVISOR RATE	1		$ 42.87
6	UNSKILLED LABOR RATE	1		$ 23.06
7	COMPOSITE LABOR RATE			$ 29.12
8	WAGE RATE			$ -

INSERT VALUES IN RESPECTIVE HIGHLIGHTED CELLS WHERE APPLICABLE

CLUSTER 2

DIVISION	DESCRIPTION	MATERIAL COST	LABOR COST	MATERIAL TAX	LABOR TAX	EQUIPMENT COST	TOTAL COST	OVERHEADS	PROFIT	ADDITIONAL COST (If any)	TOTAL
DIV-01	GENERAL REQUIREMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
DIV-07	THERMAL AND MOISTURE PROTECTION	$ 52,671.89	$ 16,189.16	$ 3,687.03	$ 1,138.10	$ -	$ 73,686.18	$ 7,368.62	$ 7,368.62	$ -	$ 88,423.42
	TOTAL	$ 52,672	$ 16,189	$ 3,687	$ 1,138		$ 73,686	$ 7,369	$ 7,369	$ -	$ 88,423

BID SUMMARY			
1	**TOTAL MATERIAL COST**		**$ 52,672**
	MATERIAL SALES TAX	7%	$ 3,687
	JOB EXPENSE		
2	**TOTAL LABOR COST**		**$ 16,189**
	LABOR TAX	7%	$ 1,138
3	**TOTAL COST**		**$ 73,686**
	OVERHEADS @	10%	$ 7,369
	PROFIT @	10%	$ 7,369
4	**TOTAL COST W/ OVERHEADS + PROFIT**		**$ 88,423**
	BOND & INSURANCE	0%	$ -
	PROJECT SUPERVISION & PROJECT MANAGEMENT		$ -
	SUBMITTALS, SAMPLES, SHOP DRAWINGS, SITE SAFETY PLAN, ETC.		$ -
	TEMPORARY FACILITIES & CONTROLS		$ -
	PROJECT SCHEDULE (Primavera P3 or P6)		$ -
	OFFICE OVERHEADS		$ -
	CLOSEOUT PROCEDURES		$ -
	PERMITS		$ -
	ALLOWANCES		$ -
	MOBILIZATION / DEMOBILIZATION		$ -
	SUB-CONTRACTS		$ -
	BOND PREMIUM	0%	$ -
5	**BASE BID PRICE**		**$ 88,423**

MAN-LOADING AND SUPERVISION ANALYSIS				
1	TOTAL MANHOURS WITH SUPERVISION			556
2	NUMBER OF MAN-DAYS			69.49
3	MAN LOAD			5
4	JOURNEYMAN RATE	3		$ 26.55
5	SUPERVISOR RATE	1		$ 42.87
6	UNSKILLED LABOR RATE	1		$ 23.06
7	COMPOSITE LABOR RATE			$ 29.12
8	WAGE RATE			$ -

INSERT VALUES IN RESPECTIVE HIGHLIGHTED CELLS WHERE APPLICABLE

PROPOSAL SUMMARY
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

Project:	OOLITE ART CENTER
Address:	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150
Scope:	Roofing & Waterproofing
Date:	11/3/2026

CLUSTER 1

CLUSTER 3

DIVISION	DESCRIPTION	MATERIAL COST	LABOR COST	MATERIAL TAX	LABOR TAX	EQUIPMENT COST	TOTAL COST	OVERHEADS	PROFIT	ADDITIONAL COST (If any)	TOTAL
DIV-01	GENERAL REQUIREMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
DIV-07	THERMAL AND MOISTURE PROTECTION	$ 38,752.12	$ 13,949.40	$ 2,712.65	$ 980.64	$ -	$ 56,394.81	$ 5,639.48	$ 5,639.48	$ -	$ 67,673.77
	TOTAL	$ 38,752	$ 13,949	$ 2,713	$ 981		$ 56,395	$ 5,639	$ 5,639	$ -	$ 67,674

BID SUMMARY			
1	**TOTAL MATERIAL COST**		**$ 38,752**
	MATERIAL SALES TAX	7%	$ 2,713
	JOB EXPENSE		
2	**TOTAL LABOR COST**		**$ 13,949**
	LABOR TAX	7%	$ 981
3	**TOTAL COST**		**$ 56,395**
	OVERHEADS @	10%	$ 5,639
	PROFIT @	10%	$ 5,639
4	**TOTAL COST W/ OVERHEADS + PROFIT**		**$ 67,674**
	BOND & INSURANCE	0%	$ -
	PROJECT SUPERVISION & PROJECT MANAGEMENT		$ -
	SUBMITTALS, SAMPLES, SHOP DRAWINGS, SITE SAFETY PLAN, ETC.		$ -
	TEMPORARY FACILITIES & CONTROLS		$ -
	PROJECT SCHEDULE (Primavera P3 or P6)		$ -
	OFFICE OVERHEADS		$ -
	CLOSEOUT PROCEDURES		$ -
	PERMITS		$ -
	ALLOWANCES		$ -
	MOBILIZATION / DEMOBILIZATION		$ -
	SUB-CONTRACTS		$ -
	BOND PREMIUM	0%	$ -
5	**BASE BID PRICE**		**$ 67,674**

MAN-LOADING AND SUPERVISION ANALYSIS				
1	TOTAL MANHOURS WITH SUPERVISION			479
2	NUMBER OF MAN-DAYS			59.88
3	MAN LOAD			5
4	JOURNEYMAN RATE	3		$ 26.55
5	SUPERVISOR RATE	1		$ 42.87
6	UNSKILLED LABOR RATE	1		$ 23.06
7	COMPOSITE LABOR RATE			$ 29.12
8	WAGE RATE			$ -

INSERT VALUES IN RESPECTIVE HIGHLIGHTED CELLS WHERE APPLICABLE

CLUSTER 4

DIVISION	DESCRIPTION	MATERIAL COST	LABOR COST	MATERIAL TAX	LABOR TAX	EQUIPMENT COST	TOTAL COST	OVERHEADS	PROFIT	ADDITIONAL COST (If any)	TOTAL
DIV-01	GENERAL REQUIREMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
DIV-07	THERMAL AND MOISTURE PROTECTION	$ 22,396.33	$ 10,226.14	$ 1,567.74	$ 718.90	$ -	$ 34,909.11	$ 3,490.91	$ 3,490.91	$ -	$ 41,890.94
	TOTAL	$ 22,396	$ 10,226	$ 1,568	$ 719		$ 34,909	$ 3,491	$ 3,491	$ -	$ 41,891

BID SUMMARY			
1	**TOTAL MATERIAL COST**		**$ 22,396**
	MATERIAL SALES TAX	7%	$ 1,568
	JOB EXPENSE		
2	**TOTAL LABOR COST**		**$ 10,226**
	LABOR TAX	7%	$ 719
3	**TOTAL COST**		**$ 34,909**
	OVERHEADS @	10%	$ 3,491
	PROFIT @	10%	$ 3,491
4	**TOTAL COST W/ OVERHEADS + PROFIT**		**$ 41,891**
	BOND & INSURANCE	0%	$ -
	PROJECT SUPERVISION & PROJECT MANAGEMENT		$ -
	SUBMITTALS, SAMPLES, SHOP DRAWINGS, SITE SAFETY PLAN, ETC.		$ -
	TEMPORARY FACILITIES & CONTROLS		$ -
	PROJECT SCHEDULE (Primavera P3 or P6)		$ -
	OFFICE OVERHEADS		$ -
	CLOSEOUT PROCEDURES		$ -
	PERMITS		$ -
	ALLOWANCES		$ -
	MOBILIZATION / DEMOBILIZATION		$ -
	SUB-CONTRACTS		$ -
	BOND PREMIUM	0%	$ -
5	**BASE BID PRICE**		**$ 41,891**

MAN-LOADING AND SUPERVISION ANALYSIS				
1	TOTAL MANHOURS WITH SUPERVISION			351
2	NUMBER OF MAN-DAYS			43.90
3	MAN LOAD			5
4	JOURNEYMAN RATE	3		$ 26.55
5	SUPERVISOR RATE	1		$ 42.87
6	UNSKILLED LABOR RATE	1		$ 23.06
7	COMPOSITE LABOR RATE			$ 29.12
8	WAGE RATE			$ -

INSERT VALUES IN RESPECTIVE HIGHLIGHTED CELLS WHERE APPLICABLE

CLUSTER 5

DIVISION	DESCRIPTION	MATERIAL COST	LABOR COST	MATERIAL TAX	LABOR TAX	EQUIPMENT COST	TOTAL COST	OVERHEADS	PROFIT	ADDITIONAL COST (If any)	TOTAL
DIV-01	GENERAL REQUIREMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
DIV-07	THERMAL AND MOISTURE PROTECTION	$ 47,961.71	$ 37,293.23	$ 3,357.32	$ 2,621.71	$ -	$ 91,233.97	$ 9,123.40	$ 9,123.40	$ -	$ 109,480.76
	TOTAL	$ 47,962	$ 37,293	$ 3,357	$ 2,622		$ 91,234	$ 9,123	$ 9,123	$ -	$ 109,481

BID SUMMARY			
1	**TOTAL MATERIAL COST**		**$ 47,962**
	MATERIAL SALES TAX	7%	$ 3,357
	JOB EXPENSE		
2	**TOTAL LABOR COST**		**$ 37,293**
	LABOR TAX	7%	$ 2,622
3	**TOTAL COST**		**$ 91,234**
	OVERHEADS @	10%	$ 9,123
	PROFIT @	10%	$ 9,123
4	**TOTAL COST W/ OVERHEADS + PROFIT**		**$ 109,481**
	BOND & INSURANCE	0%	$ -
	PROJECT SUPERVISION & PROJECT MANAGEMENT		$ -
	SUBMITTALS, SAMPLES, SHOP DRAWINGS, SITE SAFETY PLAN, ETC.		$ -
	TEMPORARY FACILITIES & CONTROLS		$ -

MAN-LOADING AND SUPERVISION ANALYSIS				
1	TOTAL MANHOURS WITH SUPERVISION			1,281
2	NUMBER OF MAN-DAYS			160.08
3	MAN LOAD			5
4	JOURNEYMAN RATE	3		$ 26.55
5	SUPERVISOR RATE	1		$ 42.87
6	UNSKILLED LABOR RATE	1		$ 23.06
7	COMPOSITE LABOR RATE			$ 29.12
8	WAGE RATE			$ -

INSERT VALUES IN RESPECTIVE HIGHLIGHTED CELLS WHERE APPLICABLE

PROPOSAL SUMMARY
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

Project:	OOLITE ART CENTER
Address:	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150
Scope:	Roofing & Waterproofing
Date:	11/3/2026

CLUSTER 1

	PROJECT SCHEDULE (Primavera P3 or P6)		$ -
	OFFICE OVERHEADS		$ -
	CLOSEOUT PROCEDURES		$ -
	PERMITS		$ -
	ALLOWANCES		$ -
	MOBILIZATION / DEMOBILIZATION		$ -
	SUB-CONTRACTS		$ -
	BOND PREMIUM	**0%**	$ -
5	**BASE BID PRICE**		**$ 109,481**

CLUSTER 6

DIVISION	DESCRIPTION	MATERIAL COST	LABOR COST	MATERIAL TAX	LABOR TAX	EQUIPMENT COST	TOTAL COST	OVERHEADS	PROFIT	ADDITIONAL COST (If any)	TOTAL
DIV-01	GENERAL REQUIREMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
DIV-07	THERMAL AND MOISTURE PROTECTION	$ 34,029.62	$ 14,615.09	$ 2,382.07	$ 1,027.44	$ -	$ 52,054.23	$ 5,205.42	$ 5,205.42	$ -	$ 62,465.07
	TOTAL	**$ 34,030**	**$ 14,615**	**$ 2,382**	**$ 1,027**		**$ 52,054**	**$ 5,205**	**$ 5,205**	**$ -**	**$ 62,465**

BID SUMMARY			
1	**TOTAL MATERIAL COST**		**$ 34,030**
	MATERIAL SALES TAX	7%	$ 2,382
	JOB EXPENSE		
2	**TOTAL LABOR COST**		**$ 14,615**
	LABOR TAX	7%	$ 1,027
3	**TOTAL COST**		**$ 52,054**
	OVERHEADS @	10%	$ 5,205
	PROFIT @	10%	$ 5,205
4	**TOTAL COST W/ OVERHEADS + PROFIT**		**$ 62,465**
	BOND & INSURANCE	0%	$ -
	PROJECT SUPERVISION & PROJECT MANAGEMENT		$ -
	SUBMITTALS, SAMPLES, SHOP DRAWINGS, SITE SAFETY PLAN, ETC.		$ -
	TEMPORARY FACILITIES & CONTROLS		$ -
	PROJECT SCHEDULE (Primavera P3 or P6)		$ -
	OFFICE OVERHEADS		$ -
	CLOSEOUT PROCEDURES		$ -
	PERMITS		$ -
	ALLOWANCES		$ -
	MOBILIZATION / DEMOBILIZATION		$ -
	SUB-CONTRACTS		$ -
	BOND PREMIUM	**0%**	$ -
5	**BASE BID PRICE**		**$ 62,465**

MAN-LOADING AND SUPERVISION ANALYSIS				
1	TOTAL MANHOURS WITH SUPERVISION			502
2	NUMBER OF MAN-DAYS			62.74
3	MAN LOAD			5
4	JOURNEYMAN RATE	3		$ 26.55
5	SUPERVISOR RATE	1		$ 42.87
6	UNSKILLED LABOR RATE	1		$ 23.06
7	COMPOSITE LABOR RATE			$ 29.12
8	WAGE RATE			$ -

	INSERT VALUES IN RESPECTIVE HIGHLIGHTED CELLS WHERE APPLICABLE

CLUSTER 7

DIVISION	DESCRIPTION	MATERIAL COST	LABOR COST	MATERIAL TAX	LABOR TAX	EQUIPMENT COST	TOTAL COST	OVERHEADS	PROFIT	ADDITIONAL COST (If any)	TOTAL
DIV-01	GENERAL REQUIREMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
DIV-07	THERMAL AND MOISTURE PROTECTION	$ 64,038.60	$ 51,555.94	$ 4,482.70	$ 3,624.38	$ -	$ 123,701.63	$ 12,370.16	$ 12,370.16	$ -	$ 148,441.96
	TOTAL	**$ 64,039**	**$ 51,556**	**$ 4,483**	**$ 3,624**		**$ 123,702**	**$ 12,370**	**$ 12,370**	**$ -**	**$ 148,442**

BID SUMMARY			
1	**TOTAL MATERIAL COST**		**$ 64,039**
	MATERIAL SALES TAX	7%	$ 4,483
	JOB EXPENSE		
2	**TOTAL LABOR COST**		**$ 51,556**
	LABOR TAX	7%	$ 3,624
3	**TOTAL COST**		**$ 123,702**
	OVERHEADS @	10%	$ 12,370
	PROFIT @	10%	$ 12,370
4	**TOTAL COST W/ OVERHEADS + PROFIT**		**$ 148,442**
	BOND & INSURANCE	0%	$ -
	PROJECT SUPERVISION & PROJECT MANAGEMENT		$ -
	SUBMITTALS, SAMPLES, SHOP DRAWINGS, SITE SAFETY PLAN, ETC.		$ -
	TEMPORARY FACILITIES & CONTROLS		$ -
	PROJECT SCHEDULE (Primavera P3 or P6)		$ -
	OFFICE OVERHEADS		$ -
	CLOSEOUT PROCEDURES		$ -
	PERMITS		$ -
	ALLOWANCES		$ -
	MOBILIZATION / DEMOBILIZATION		$ -
	SUB-CONTRACTS		$ -
	BOND PREMIUM	**0%**	$ -
5	**BASE BID PRICE**		**$ 148,442**

MAN-LOADING AND SUPERVISION ANALYSIS				
1	TOTAL MANHOURS WITH SUPERVISION			1,770
2	NUMBER OF MAN-DAYS			221.31
3	MAN LOAD			5
4	JOURNEYMAN RATE	3		$ 26.55
5	SUPERVISOR RATE	1		$ 42.87
6	UNSKILLED LABOR RATE	1		$ 23.06
7	COMPOSITE LABOR RATE			$ 29.12
8	WAGE RATE			$ -

	INSERT VALUES IN RESPECTIVE HIGHLIGHTED CELLS WHERE APPLICABLE

DETAILED TAKEOFF / ESTIMATE
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

#VALUE!

Project Name	OOLITE ART CENTER	PROJECT COST	$ 472,402
Location	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150	OVERHEAD COST	$ 47,240
Project Scope:	Roofing & Waterproofing	PROFIT COST	$ 47,240
Addendum:	N/A	ADDITIONAL COST (If Any)	$ 1,965
Date:	11/3/2026	TOTAL BID COST	$ 568,848
	BY OTHERS/ SEPERATE PERMIT/ BY OWNER		NEED QUOTATION

SR #	DIVISION/TRADES	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY WITH WASTAGE	UNIT LABOR HOURS	TOTAL LABOR HOURS	UNIT MATERIAL COST	TOTAL MATERIAL COST	UNIT EQUIPMENT COST	TOTAL EQUIPMENT COST	UNIT LABOR COST	TOTAL LABOR COST	TOTAL COST	DIV COST
GENERAL REQUIREMENTS SUBGROUP WORK																
	DIV-01	**GENERAL REQUIREMENTS**										Labor Rate	$ 25.16			
1	General Conditions	Permit (.07% of project value)	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
2	General Conditions	Site development	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
3	General Conditions	Variance	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
4	General Conditions	Private Inspections	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
5	General Conditions	Debris haul off	0	load	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
6	General Conditions	Site plan	0	Fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
						LABOR HOURS	0.000	MATERIAL COST	$ -	EQUIPMENT COST	$ -	LABOR COST	$ -	SUBTOTAL		$ -
FACILITY CONSTRUCTION SUBGROUP WORK																
	DIV-07	**THERMAL AND MOISTURE PROTECTION**										Labor Rate	$ 29.12			
		THERMAL AND MOISTURE PROTECTION														
		ROOFING														
		Roof Covering Over Metal Deck														
7	Thermal And Moisture Protection	Ultra Ply TPO Membrane Fully Adhered	21592	SF	0%	21592.00	0.010	215.9	$ 0.78	$ 16,841.76	$ -	$ -	$ 0.29	$ 6,287.59	$ 23,129.35	
8	Thermal And Moisture Protection	Ultra Ply Bonding Adhesive	19748	SF	0%	19748.00	0.003	59.2	$ 0.51	$ 10,071.48	$ -	$ -	$ 0.09	$ 1,725.19	$ 11,796.67	
9	Thermal And Moisture Protection	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 inches o.c. (on center).Traxx 1 Fasteners: Spaced 12 inches o.c. (on center) located strictly at the side laps.	19748	SF	0%	19748.00	0.012	237.0	$ 1.06	$ 20,932.88	$ -	$ -	$ 0.35	$ 6,900.74	$ 27,833.62	
	Thermal And Moisture Protection	Insulation														
10	Thermal And Moisture Protection	Rigid Insulation (R-30)	19748	SF	0%	19748.00	0.008	158.0	$ 3.90	$ 77,017.20	$ -	$ -	$ 0.23	$ 4,600.49	$ 81,617.69	
11	Thermal And Moisture Protection	Tapered Cricket Insulation	19604	SF	0%	19604.00	0.015	294.1	$ 1.23	$ 24,112.92	$ -	$ -	$ 0.44	$ 8,563.03	$ 32,675.95	
	Thermal And Moisture Protection	Membrane														
12	Thermal And Moisture Protection	(4" Wide) Sopprema Alsan Membrane	2884	LF	0%	2884.00	0.050	144.2		$ -	$ -	$ -	$ 1.46	$ 4,199.10	$ 4,199.10	
	Thermal And Moisture Protection	Flashing														
13	Thermal And Moisture Protection	Flashing For Roof Drain	206	LF	0%	206.00	0.060	12.4	$ 3.85	$ 793.10	$ -	$ -	$ 1.75	$ 359.92	$ 1,153.02	
14	Thermal And Moisture Protection	Flashing For Gravity Vent	432	LF	0%	432.00	0.060	25.9	$ 3.85	$ 1,663.20	$ -	$ -	$ 1.75	$ 754.79	$ 2,417.99	
15	Thermal And Moisture Protection	Flashing For Roof Wall Drain	17	EA	0%	17.00	0.060	1.0	$ 3.85	$ 65.45	$ -	$ -	$ 1.75	$ 29.70	$ 95.15	
16	Thermal And Moisture Protection	(8"W x 5" H) Opening Flashing	3	EA	0%	3.00	0.060	0.2	$ 3.85	$ 11.55	$ -	$ -	$ 1.75	$ 5.24	$ 16.79	
17	Thermal And Moisture Protection	Flashing For Mech. Units	38	LF	0%	38.00	0.060	2.3	$ 3.85	$ 146.30	$ -	$ -	$ 1.75	$ 66.39	$ 212.69	
18	Thermal And Moisture Protection	Sopprema Alsan RS 230 Flash w/ Alsan RS Fleece 3" Above 2-PLY SBS Membrane	2739	LF	0%	2739.00	0.050	137.0		$ -	$ -	$ -	$ 1.46	$ 3,987.98	$ 3,987.98	
	Thermal And Moisture Protection	Curb														
19	Thermal And Moisture Protection	Roof Curb For Gravity Vent	327	LF	0%	327.00	0.150	49.1		$ -	$ -	$ -	$ 4.37	$ 1,428.34	$ 1,428.34	
	Thermal And Moisture Protection	Drain														
20	Thermal And Moisture Protection	Roof Drain Strainer/ Dome	54	EA	0%	54.00	2.000	108.0		$ -	$ -	$ -	$ 58.24	$ 3,144.96	$ 3,144.96	
21	Thermal And Moisture Protection	R.W.L Discharge Model Z199 By Zurn	20	EA	0%	20.00	1.500	30.0	$ 734.99	$ 14,699.80	$ -	$ -	$ 43.68	$ 873.60	$ 15,573.40	
22	Thermal And Moisture Protection	Roof Drain Scupper By Zurn Model # 189	20	EA	0%	20.00	2.000	40.0	$ 1,022.59	$ 20,451.80	$ -	$ -	$ 58.24	$ 1,164.80	$ 21,616.60	
23	Thermal And Moisture Protection	Emergency Overflow Scupper Drain By Zurn Model # 189	23	EA	0%	23.00	2.000	46.0	$ 1,022.59	$ 23,519.57	$ -	$ -	$ 58.24	$ 1,339.52	$ 24,859.09	
	Thermal And Moisture Protection	Splash Block														
24	Thermal And Moisture Protection	Concrete Splash Block	24	EA	0%	24.00	0.250	6.0	$ 20.67	$ 496.08	$ -	$ -	$ 7.28	$ 174.72	$ 670.80	
	Thermal And Moisture Protection	Scupper														
25	Thermal And Moisture Protection	Gargoyle Scupper	15	EA	0%	15.00	1.000	15.0		$ -	$ -	$ -	$ 29.12	$ 436.80	$ 436.80	
	Thermal And Moisture Protection	Roof Access														
26	Thermal And Moisture Protection	24" Wide Heavy-Duty Tubular Rail Aluminum Access Ladder With Safety Door (8'-4" H) MFR: O'Keeffe's, Inc. Model # 502	1	EA	0%	1.00	6.000	6.0		$ -	$ -	$ -	$ 174.72	$ 174.72	$ 174.72	
	Thermal And Moisture Protection	Railing														
27	Thermal And Moisture Protection	(42" H) Aluminum Railing w/ Post	10	LF	0%	10.00	0.250	2.5		$ -	$ -	$ -	$ 7.28	$ 72.80	$ 72.80	
	Thermal And Moisture Protection	Ladder														
28	Thermal And Moisture Protection	(11'-3" H x 20" W) Ship Ladder w/ Safety Post	1	EA	0%	1.00	6.000	6.0		$ -	$ -	$ -	$ 174.72	$ 174.72	$ 174.72	
29	Thermal And Moisture Protection	(8'-0" H x 20" W) Ship Ladder w/ Safety Post	1	EA	0%	1.00	6.000	6.0		$ -	$ -	$ -	$ 174.72	$ 174.72	$ 174.72	
	Thermal And Moisture Protection	Stair														
30	Thermal And Moisture Protection	(3' H x 2' W) Aluminum Lapetre Stair (3 Step)	1	LOC	0%	1.00	6.000	6.0		$ -	$ -	$ -	$ 174.72	$ 174.72	$ 174.72	
	Thermal And Moisture Protection	Grating														
31	Thermal And Moisture Protection	Aluminum Bar Grating Deck & Landing	64	SF	0%	64.00	0.100	6.4	$ 62.00	$ 3,968.00	$ -	$ -	$ 2.91	$ 186.37	$ 4,154.37	
		Roof Covering Over Concrete Insulated														
32	Thermal And Moisture Protection	Ultra Ply TPO Membrane Fully Adhered	4746	SF	0%	4746.00	0.010	47.5	$ 0.78	$ 3,701.88	$ -	$ -	$ 0.29	$ 1,382.04	$ 5,083.92	
33	Thermal And Moisture Protection	Ultra Ply Bonding Adhesive	4294	SF	0%	4294.00	0.003	12.9	$ 0.51	$ 2,189.94	$ -	$ -	$ 0.09	$ 375.12	$ 2,565.06	
	Thermal And Moisture Protection	Insulation														
34	Thermal And Moisture Protection	Rigid Insulation (R-30)	4294	SF	0%	4294.00	0.008	34.4	$ 3.90	$ 16,746.60	$ -	$ -	$ 0.23	$ 1,000.33	$ 17,746.93	
35	Thermal And Moisture Protection	Tapered Cricket Insulation	822	SF	0%	822.00	0.015	12.3	$ 1.23	$ 1,011.06	$ -	$ -	$ 0.44	$ 359.05	$ 1,370.11	
	Thermal And Moisture Protection	Membrane														
36	Thermal And Moisture Protection	4" Wide Sopprema Alsan Membrane	674	LF	0%	674.00	0.050	33.7		$ -	$ -	$ -	$ 1.46	$ 981.34	$ 981.34	
	Thermal And Moisture Protection	Flashing														
37	Thermal And Moisture Protection	Galvanized Metal Flashing For Curb	35	LF	0%	35.00	0.060	2.1	$ 3.85	$ 134.75	$ -	$ -	$ 1.75	$ 61.15	$ 195.90	
38	Thermal And Moisture Protection	Sopprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane	674	LF	0%	674.00	0.050	33.7		$ -	$ -	$ -	$ 1.46	$ 981.34	$ 981.34	
39	Thermal And Moisture Protection	Flashing For Roof Wall Drain	30	EA	0%	30.00	0.060	1.8	$ 3.85	$ 115.50	$ -	$ -	$ 1.75	$ 52.42	$ 167.92	
40	Thermal And Moisture Protection	Flashing For Roof Drain	22	LF	0%	22.00	0.060	1.3	$ 3.85	$ 84.70	$ -	$ -	$ 1.75	$ 38.44	$ 123.14	
41	Thermal And Moisture Protection	Flashing For Gravity Vent	13	LF	0%	13.00	0.060	0.8	$ 3.85	$ 50.05	$ -	$ -	$ 1.75	$ 22.71	$ 72.76	
	Thermal And Moisture Protection	Curb														
42	Thermal And Moisture Protection	(10" H) Galvanized Steel Curb	35	LF	0%	35.00	0.150	5.3		$ -	$ -	$ -	$ 4.37	$ 152.88	$ 152.88	
43	Thermal And Moisture Protection	Roof Curb For Gravity Vent	13	LF	0%	13.00	0.150	2.0		$ -	$ -	$ -	$ 4.37	$ 56.78	$ 56.78	
44	Thermal And Moisture Protection	Roof Curb For Hvac	38	LF	0%	38.00	0.150	5.7		$ -	$ -	$ -	$ 4.37	$ 165.98	$ 165.98	
	Thermal And Moisture Protection	Drain														
45	Thermal And Moisture Protection	Scupper Drain MFR: Zurn Model #: 189	22	EA	0%	22.00	2.000	44.0	$ 1,022.59	$ 22,496.98	$ -	$ -	$ 58.24	$ 1,281.28	$ 23,778.26	
46	Thermal And Moisture Protection	(1'-0" Dia) Roof Drain (Concrete Deck)	2	EA	0%	2.00	2.000	4.0		$ -	$ -	$ -	$ 58.24	$ 116.48	$ 116.48	
	Thermal And Moisture Protection	Splash Block														
47	Thermal And Moisture Protection	Concrete Splash Block	22	EA	0%	22.00	0.250	5.5	$ 20.67	$ 454.74	$ -	$ -	$ 7.28	$ 160.16	$ 614.90	
		Roof Covering Over Concrete Non Insulated														
48	Thermal And Moisture Protection	Ultra Ply TPO Membrane XR 100 Or Ultra Ply TPO XR 115 Adhered To The Vapor Retarder With XR Stick Membrane Adhesive Applied In Continuous (3/4" To 1"W) Ribbons Spaced 4" O.C.	356	SF	0%	356.00	0.003	1.1	$ 0.51	$ 181.56	$ -	$ -	$ 0.09	$ 31.10	$ 212.66	
49	Thermal And Moisture Protection	Vapor Barrier (One Ply SBS Base Fully Adhered)	281	SF	0%	281.00	0.008	2.2	$ 0.68	$ 191.08	$ -	$ -	$ 0.23	$ 65.46	$ 256.54	
	Thermal And Moisture Protection	Insulation														
50	Thermal And Moisture Protection	Tapered Cricket Insulation	37	SF	0%	37.00	0.015	0.6	$ 1.23	$ 45.51	$ -	$ -	$ 0.44	$ 16.16	$ 61.67	
	Thermal And Moisture Protection	Membrane														
51	Thermal And Moisture Protection	4" Wide Sopprema Alsan Membrane	54	LF	0%	54.00	0.050	2.7		$ -	$ -	$ -	$ 1.46	$ 78.62	$ 78.62	
	Thermal And Moisture Protection	Flashing														
52	Thermal And Moisture Protection	Flashing For Roof Drain	6	LF	0%	6.00	0.060	0.4	$ 3.85	$ 23.10	$ -	$ -	$ 1.75	$ 10.48	$ 33.58	
53	Thermal And Moisture Protection	Sopprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane	199	LF	0%	199.00	0.050	10.0		$ -	$ -	$ -	$ 1.46	$ 289.74	$ 289.74	
54	Thermal And Moisture Protection	Flashing For Roof Wall Drain	2	EA	0%	2.00	0.060	0.1	$ 3.85	$ 7.70	$ -	$ -	$ 1.75	$ 3.49	$ 11.19	
55	Thermal And Moisture Protection	Flashing For Gravity Vent	26	LF	0%	26.00	0.060	1.6	$ 3.85	$ 100.10	$ -	$ -	$ 1.75	$ 45.43	$ 145.53	
	Thermal And Moisture Protection	Curb														
56	Thermal And Moisture Protection	Roof Curb For Gravity Vent	26	LF	0%	26.00	0.150	3.9		$ -	$ -	$ -	$ 4.37	$ 113.57	$ 113.57	
	Thermal And Moisture Protection	Drain														
57	Thermal And Moisture Protection	Roof Drain Scupper By Zurn Model # 189	8	EA	0%	8.00	2.000	16.0	$ 1,022.59	$ 8,180.72	$ -	$ -	$ 58.24	$ 465.92	$ 8,646.64	
58	Thermal And Moisture Protection	R.W.L Discharge Model Z199 By Zurn	6	EA	0%	6.00	1.500	9.0	$ 734.99	$ 4,409.94	$ -	$ -	$ 43.68	$ 262.08	$ 4,672.02	
	Thermal And Moisture Protection	Splash Block														
59	Thermal And Moisture Protection	Concrete Splash Block	5	EA	0%	5.00	0.250	1.3	$ 20.67	$ 103.35	$ -	$ -	$ 7.28	$ 36.40	$ 139.75	
		WATERPROOFING														
	Thermal And Moisture Protection	Footing														
60	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	27118	SF	0%	27118.00	0.010	271.2		$ -	$ -	$ -	$ 0.29	$ 7,896.76	$ 7,896.76	
	Thermal And Moisture Protection	Stem Wall														
61	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	7135	SF	0%	7135.00	0.010	71.4		$ -	$ -	$ -	$ 0.29	$ 2,077.71	$ 2,077.71	
	Thermal And Moisture Protection	Slab On Grade														
62	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil)	25257	SF	0%	25257.00	0.010	252.6		$ -	$ -	$ -	$ 0.29	$ 7,354.84	$ 7,354.84	
	Thermal And Moisture Protection	Elevator Mat Footing														
63	Thermal And Moisture Protection	Waterproofing For Mat Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	548	SF	0%	548.00	0.010	5.5		$ -	$ -	$ -	$ 0.29	$ 159.58	$ 159.58	
	Thermal And Moisture Protection	Stairs														
64	Thermal And Moisture Protection	Stair Waterproofing Manufacturer (MFR): BASF Model No.: MasterKure CC 300 SB	311	SF	0%	311.00	6.000	1866.0		$ -	$ -	$ -	$ 174.72	$ 54,337.92	$ 54,337.92	
	Thermal And Moisture Protection	Exterior														
65	Thermal And Moisture Protection	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Protection	73820	SF	0%	73820.00	0.010	738.2		$ -	$ -	$ -	$ 0.29	$ 21,496.38	$ 21,496.38	
	Thermal And Moisture Protection	Paver														
66	Thermal And Moisture Protection	Roofing System To Contain A Conc. Deck Primed With Elastocol 500 Followed With A Base & Cap Sheet Of Sbs-Taf – Noa Required For Complete Installation And Compliance With Fbc. Roof Areas To Include Insulation With R-30 Average To Have A Finish Slope Of ¼"/Min Product – Suprema Waterproofing System	3266	SF	0%	3266.00	0.008	26.1	$ 3.90	$ 12,737.40	$ -	$ -	$ 0.23	$ 760.85	$ 13,498.25	
	Thermal And Moisture Protection	Paver Count														
67	Thermal And Moisture Protection	"The Lok-Down Terra Stand Base Is Bonded Directly To The Top Surface Of The Waterproofing System Using Millennium Hurricane Force Membrane Adhesive At 150 Ml Per Base @ Lwc. It Is Fully Adhered To The Concrete Substrate Using 3M™ Scotch-Weld™ Pedestal Adhesive Dp6330ns. The Installation Is Then Followed By 2' × 2' Or 2' × 4' Terra Pavers And Lok-Down Securement Tabs And Screws, As Required By The Noa, To Ensure Complete Installation And Compliance With The Florida Building Code (Fbc). Product- Wausa Lok-Down Paver In Lok-Down"	376	EA	0%	376.00	0.003	1.1		$ -	$ -	$ -	$ 0.09	$ 32.85	$ 32.85	
	Thermal And Moisture Protection	Planter														
68	Thermal And Moisture Protection	Monolithic Membrane 6125 (180 Mils)	245	SF	0%	245.00	0.010	2.5		$ -	$ -	$ -	$ 0.29	$ 71.34	$ 71.34	
69	Thermal And Moisture Protection	Hydroflex Rbii	247	SF	0%	247.00	0.010	2.5		$ -	$ -	$ -	$ 0.29	$ 71.93	$ 71.93	
70	Thermal And Moisture Protection	Metal Counter Flashing	141	LF	0%	141.00	0.060	8.5	$ 3.85	$ 542.85	$ -	$ -	$ 1.75	$ 246.36	$ 789.21	
	Thermal And Moisture Protection	Floor														
71	Thermal And Moisture Protection	The Floor Of The A/C Attic Chamber To Be Coated Product -Hy - Tech Insulating Paint 110	252	SF	0%	252.00	0.010	2.5		$ -	$ -	$ -	$ 0.29	$ 73.38	$ 73.38	
72	Thermal And Moisture Protection	The Floor Finished With A Nonskid Water Proofing Traffic Coating System	419	SF	0%	419.00	0.010	4.2		$ -	$ -	$ -	$ 0.29	$ 122.01	$ 122.01	

DETAILED TAKEOFF / ESTIMATE
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

#VALUE!	Project Name	OOLITE ART CENTER	PROJECT COST	$ 472,402
	Location	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150	OVERHEAD COST	$ 47,240
	Project Scope:	Roofing & Waterproofing	PROFIT COST	$ 47,240
	Addendum:	N/A	ADDITIONAL COST (If Any)	$ 1,965
	Date:	11/3/2026	TOTAL BID COST	$ 568,848

BY OTHERS/ SEPERATE PERMIT/ BY OWNER | NEED QUOTATION

SR #	DIVISION/TRADES	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY WITH WASTAGE	UNIT LABOR HOURS	TOTAL LABOR HOURS	UNIT MATERIAL COST	TOTAL MATERIAL COST	UNIT EQUIPMENT COST	TOTAL EQUIPMENT COST	UNIT LABOR COST	TOTAL LABOR COST	TOTAL COST	DIV COST
	Thermal And Moisture Protection	Wall														
73	Thermal And Moisture Protection	The Wall To Be Coated With An Epoxy Paint	400	SF	0%	400.00	0.010	4.0		$ -	$ -	$ -	$ 0.29	$ 116.48	$ 116.48	
	Thermal And Moisture Protection	Exterior Door Trims														
74	Thermal And Moisture Protection	Doors Trim	334	LF	0%	334.00	0.050	16.7		$ -	$ -	$ -	$ 1.46	$ 486.30	$ 486.30	
	Thermal And Moisture Protection	Exterior Window Trims														
75	Thermal And Moisture Protection	Windows Trim	1540	LF	0%	1540.00	0.050	77.0		$ -	$ -	$ -	$ 1.46	$ 2,242.24	$ 2,242.24	
		ALTERNATE														
	Thermal And Moisture Protection	Waterproofing														
	Thermal And Moisture Protection	Footing														
76	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE MembraneSystem	27118	SF	0%	27118.00	0.010	271.2		$ -	$ -	$ -	$ 0.29	$ 7,896.76	$ 7,896.76	
	Thermal And Moisture Protection	Stem Wall														
77	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE MembraneSystem	7135	SF	0%	7135.00	0.010	71.4		$ -	$ -	$ -	$ 0.29	$ 2,077.71	$ 2,077.71	
	Thermal And Moisture Protection	Slab On Grade														
78	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil	25257	SF	0%	25257.00	0.004	101.0	$ 0.44	$ 11,113.08	$ -	$ -	$ 0.12	$ 2,941.94	$ 14,055.02	
	Thermal And Moisture Protection	Elevator Mat Footing														
79	Thermal And Moisture Protection	Waterproofing For Mat Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	548	SF	0%	548.00	0.010	5.5		$ -	$ -	$ -	$ 0.29	$ 159.58	$ 159.58	
	Thermal And Moisture Protection	Stairs														
80	Thermal And Moisture Protection	Stair Waterproofing Manufacturer (MFR): Euclid Model No.: SurfaceHard Sealer	311	SF	0%	311.00	6.000	1866.0		$ -	$ -	$ -	$ 174.72	$ 54,337.92	$ 54,337.92	
					LABOR HOURS	5259.405	MATERIAL COST	$ 288,300.60	EQUIPMENT COST	$ -	LABOR COST	$ 153,153.87	SUBTOTAL		$ 441,454.47	

TOTAL MATERIAL COST	$ 288,301
TOTAL LABOR COST	$ 153,154
TOTAL EQUIPMET COST	$ -
TOTAL LABOR HOURS	5,259

DETAILED TAKEOFF / ESTIMATE
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

#VALUE!

Project Name	OOLITE ART CENTER	PROJECT COST	$ 59,691
Location	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150	OVERHEAD COST	$ 5,969
Project Scope:	Roofing & Waterproofing	PROFIT COST	$ 5,969
Addendum:	N/A	ADDITIONAL COST (If Any)	$ -
Date:	11/3/2026	TOTAL BID COST	$ 71,629

BY OTHERS/ SEPERATE PERMIT/ BY OWNER | NEED QUOTATION

SR #	DRAWING REF #	DIVISION/TRADES	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY WITH WASTAGE	UNIT LABOR HOURS	TOTAL LABOR HOURS	UNIT MATERIAL COST	TOTAL MATERIAL COST	UNIT EQUIPMENT COST	TOTAL EQUIPMENT COST	UNIT LABOR COST	TOTAL LABOR COST	TOTAL COST	DIV COST
GENERAL REQUIREMENTS SUBGROUP WORK																	
		DIV-01	GENERAL REQUIREMENTS										Labor Rate	$ 25.16			
1		General Conditions	Permit (.07% of project value)	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
2		General Conditions	Site development	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
3		General Conditions	Variance	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
4		General Conditions	Private Inspections	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
5		General Conditions	Debris haul off	0	load	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
6		General Conditions	Site plan	0	Fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
							LABOR HOURS	0.000	MATERIAL COST	$ -	EQUIPMENT COST	$ -	LABOR COST	$ -	SUBTOTAL	$ -	$ -
FACILITY CONSTRUCTION SUBGROUP WORK																	
		DIV-07	THERMAL AND MOISTURE PROTECTION										Labor Rate	$ 29.12			
			THERMAL AND MOISTURE PROTECTION														
			ROOFING														
			Roof Covering Over Metal Deck														
7	A-1.105, A-1.107	Thermal And Moisture Protection	Ultra Ply TPO Membrane Fully Adhered	3164	SF	0%	3164.00	0.010	31.6	$ 0.78	$ 2,467.92	$ -	$ -	$ 0.29	$ 921.16	$ 3,389.28	
8	A-1.105, A-1.107	Thermal And Moisture Protection	Ultra Ply Bonding Adhesive	2813	SF	0%	2813.00	0.003	8.4	$ 0.51	$ 1,434.63	$ -	$ -	$ 0.09	$ 245.74	$ 1,680.37	
9	A-1.105, A-1.107	Thermal And Moisture Protection	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 inches o.c. (on center).Traxx 1 Fasteners: Spaced 12 inches o.c. (on center) located strictly at the side laps.	2813	SF	0%	2813.00	0.012	33.8	$ 1.06	$ 2,981.78	$ -	$ -	$ 0.35	$ 982.97	$ 3,964.75	
		Thermal And Moisture Protection	Insulation														
10	A-1.105, A-1.107	Thermal And Moisture Protection	Rigid Insulation (R-30)	2813	SF	0%	2813.00	0.008	22.5	$ 3.90	$ 10,970.70	$ -	$ -	$ 0.23	$ 655.32	$ 11,626.02	
11	A-1.105, A-1.107	Thermal And Moisture Protection	Tapered Cricket Insulation	2730	SF	0%	2730.00	0.015	41.0	$ 1.23	$ 3,357.90	$ -	$ -	$ 0.44	$ 1,192.46	$ 4,550.36	
		Thermal And Moisture Protection	Membrane														
12	A-1.105, A-1.107	Thermal And Moisture Protection	(4" Wide) Soprema Alsan Membrane	412	LF	0%	412.00	0.050	20.6		$ -	$ -	$ -	$ 1.46	$ 599.87	$ 599.87	
		Thermal And Moisture Protection	Flashing														
13	A-1.105, A-1.107	Thermal And Moisture Protection	Flashing For Roof Drain	33	LF	0%	33.00	0.060	2.0	$ 3.85	$ 127.05	$ -	$ -	$ 1.75	$ 57.66	$ 184.71	
14	A-1.105, A-1.107	Thermal And Moisture Protection	Flashing For Gravity Vent	115	LF	0%	115.00	0.060	6.9	$ 3.85	$ 442.75	$ -	$ -	$ 1.75	$ 200.93	$ 643.68	
15	A-1.105, A-1.107	Thermal And Moisture Protection	Flashing For Roof Wall Drain	2	EA	0%	2.00	0.060	0.1	$ 3.85	$ 7.70	$ -	$ -	$ 1.75	$ 3.49	$ 11.19	
16	A-1.105, A-1.107	Thermal And Moisture Protection	(8"W x 5" H) Opening Flashing	1	EA	0%	1.00	0.060	0.1	$ 3.85	$ 3.85	$ -	$ -	$ 1.75	$ 1.75	$ 5.60	
17	A-1.105, A-1.107	Thermal And Moisture Protection	Soprema Alsan RS 230 Flash w/ Alsan RS Fleece 3" Above 2-PLY SBS Membrane	412	LF	0%	412.00	0.050	20.6		$ -	$ -	$ -	$ 1.46	$ 599.87	$ 599.87	
		Thermal And Moisture Protection	Curb														
18	A-1.105, A-1.107	Thermal And Moisture Protection	Roof Curb For Gravity Vent	115	LF	0%	115.00	0.150	17.3		$ -	$ -	$ -	$ 4.37	$ 502.32	$ 502.32	
		Thermal And Moisture Protection	Drain														
19	A-1.105, A-1.107	Thermal And Moisture Protection	Roof Drain Strainer/ Dome	10	EA	0%	10.00	2.000	20.0		$ -	$ -	$ -	$ 58.24	$ 582.40	$ 582.40	
20	A-1.105, A-1.107	Thermal And Moisture Protection	R.W.L Discharge Model Z199 By Zurn	8	EA	0%	8.00	1.500	12.0	$ 734.99	$ 5,879.92	$ -	$ -	$ 43.68	$ 349.44	$ 6,229.36	
21	A-1.105, A-1.107	Thermal And Moisture Protection	Roof Drain Scupper By Zurn Model # 189	8	EA	0%	8.00	2.000	16.0	$ 1,022.59	$ 8,180.72	$ -	$ -	$ 58.24	$ 465.92	$ 8,646.64	
22	A-1.105, A-1.107	Thermal And Moisture Protection	Emergency Overflow Scupper Drain By Zurn Model # 189	2	EA	0%	2.00	2.000	4.0	$ 1,022.59	$ 2,045.18	$ -	$ -	$ 58.24	$ 116.48	$ 2,161.66	
		Thermal And Moisture Protection	Splash Block														
23	A-1.105, A-1.107	Thermal And Moisture Protection	Concrete Splash Block	4	EA	0%	4.00	0.250	1.0	$ 20.67	$ 82.68	$ -	$ -	$ 7.28	$ 29.12	$ 111.80	
		Thermal And Moisture Protection	Scupper														
24	A-1.105, A-1.107	Thermal And Moisture Protection	Gargoyle Scupper	2	EA	0%	2.00	1.000	2.0		$ -	$ -	$ -	$ 29.12	$ 58.24	$ 58.24	
			Roof Covering Over Concrete Non Insulated														
25	A-1.105, A-1.107	Thermal And Moisture Protection	Ultra Ply TPO Membrane XR 100 Or Ultra Ply TPO XR 115 Adhered To The Vapor Retarder With XR Stick Membrane Adhesive Applied In Continuous (3/4" To 1"W) Ribbons Spaced 4" O.C.	70	SF	0%	70.00	0.003	0.2	$ 0.51	$ 35.70	$ -	$ -	$ 0.09	$ 6.12	$ 41.82	
26	A-1.105, A-1.107	Thermal And Moisture Protection	Vapor Barrier (One Ply SBS Base Fully Adhered)	54	SF	0%	54.00	0.008	0.4	$ 0.68	$ 36.72	$ -	$ -	$ 0.23	$ 12.58	$ 49.30	
		Thermal And Moisture Protection	Flashing														
27	A-1.105, A-1.107	Thermal And Moisture Protection	Flashing For Roof Drain	2	LF	0%	2.00	0.060	0.1	$ 3.85	$ 7.70	$ -	$ -	$ 1.75	$ 3.49	$ 11.19	
		Thermal And Moisture Protection	Drain														
28	A-1.105, A-1.107	Thermal And Moisture Protection	Roof Drain Scupper By Zurn Model # 189	2	EA	0%	2.00	2.000	4.0	$ 1,022.59	$ 2,045.18	$ -	$ -	$ 58.24	$ 116.48	$ 2,161.66	
29	A-1.105, A-1.107	Thermal And Moisture Protection	R.W.L Discharge Model Z199 By Zurn	2	EA	0%	2.00	1.500	3.0	$ 734.99	$ 1,469.98	$ -	$ -	$ 43.68	$ 87.36	$ 1,557.34	
		Thermal And Moisture Protection	Splash Block														
30	A-1.105, A-1.107	Thermal And Moisture Protection	Concrete Splash Block	1	EA	0%	1.00	0.250	0.3	$ 20.67	$ 20.67	$ -	$ -	$ 7.28	$ 7.28	$ 27.95	
			WATERPROOFING														
		Thermal And Moisture Protection	Footing														
31	S1.101	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	3816	SF	0%	3815.70	0.010	38.2		$ -	$ -	$ -	$ 0.29	$ 1,111.13	$ 1,111.13	
		Thermal And Moisture Protection	Stem Wall														
32	A1.101	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	895	SF	0%	894.60	0.010	8.9		$ -	$ -	$ -	$ 0.29	$ 260.51	$ 260.51	
		Thermal And Moisture Protection	Slab On Grade														
33	A1.101	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil)	3001	SF	0%	3000.90	0.010	30.0		$ -	$ -	$ -	$ 0.29	$ 873.86	$ 873.86	
		Thermal And Moisture Protection	Exterior														
34	A-1.105, A-3.103, A-3.104, A-3.105, A-3.108	Thermal And Moisture Protection	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Protection	11632	SF	0%	11632.00	0.010	116.3		$ -	$ -	$ -	$ 0.29	$ 3,387.24	$ 3,387.24	
		Thermal And Moisture Protection	Planter														
35	A-1.101	Thermal And Moisture Protection	Monolithic Membrane 6125 (180 Mils)	86	SF	0%	86.00	0.010	0.9		$ -	$ -	$ -	$ 0.29	$ 25.04	$ 25.04	
36	A-1.101	Thermal And Moisture Protection	Hydroflex Rbi	121	SF	0%	121.00	0.010	1.2		$ -	$ -	$ -	$ 0.29	$ 35.24	$ 35.24	
37	A-1.101	Thermal And Moisture Protection	Metal Counter Flashing	38	LF	0%	38.00	0.060	2.3	$ 3.85	$ 146.30	$ -	$ -	$ 1.75	$ 66.39	$ 212.69	
		Thermal And Moisture Protection	Exterior Door Trims														
38	A-1.101	Thermal And Moisture Protection	Doors Trim	38	LF	0%	38.00	0.050	1.9		$ -	$ -	$ -	$ 1.46	$ 55.33	$ 55.33	
		Thermal And Moisture Protection	Exterior Window Trims														
39	A-1.106 , A-1.101	Thermal And Moisture Protection	Windows Trim	291	LF	0%	291.00	0.050	14.6		$ -	$ -	$ -	$ 1.46	$ 423.70	$ 423.70	
			ALTERNATE														
		Thermal And Moisture Protection	Waterproofing														
		Thermal And Moisture Protection	Footing														
40	S1.101	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	3816	SF	0%	3815.70	0.010	38.2		$ -	$ -	$ -	$ 0.29	$ 1,111.13	$ 1,111.13	
		Thermal And Moisture Protection	Stem Wall														
41	A1.101	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	895	SF	0%	894.60	0.010	8.9		$ -	$ -	$ -	$ 0.29	$ 260.51	$ 260.51	
		Thermal And Moisture Protection	Slab On Grade														
42	A1.101	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil	3001	SF	0%	3000.90	0.004	12.0	$ 0.44	$ 1,320.40	$ -	$ -	$ 0.12	$ 349.54	$ 1,669.94	
							LABOR HOURS	482.043	MATERIAL COST	$ 41,745.03	EQUIPMENT COST	$ -	LABOR COST	$ 14,037.09	SUBTOTAL		$ 55,782.12

TOTAL MATERIAL COST	$ 41,745
TOTAL LABOR COST	$ 14,037
TOTAL EQUIPMET COST	$ -
TOTAL LABOR HOURS	482

DETAILED TAKEOFF / ESTIMATE
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

#VALUE!

Project Name	OOLITE ART CENTER	PROJECT COST	$ 73,686
Location	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150	OVERHEAD COST	$ 7,369
Project Scope:	Roofing & Waterproofing	PROFIT COST	$ 7,369
Addendum:	N/A	ADDITIONAL COST (If Any)	$ -
Date:	11/3/2026	TOTAL BID COST	$ 88,423

BY OTHERS/ SEPERATE PERMIT/ BY OWNER | NEED QUOTATION

SR #	DRAWING REF #	DIVISION/TRADES	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY WITH WASTAGE	UNIT LABOR HOURS	TOTAL LABOR HOURS	UNIT MATERIAL COST	TOTAL MATERIAL COST	UNIT EQUIPMENT COST	TOTAL EQUIPMENT COST	UNIT LABOR COST	TOTAL LABOR COST	TOTAL COST	DIV COST
GENERAL REQUIREMENTS SUBGROUP WORK																	
		DIV-01	GENERAL REQUIREMENTS										Labor Rate	$ 25.16			
1	General Conditions	General Conditions	Permit (.07% of project value)	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
2	General Conditions	General Conditions	Site development	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
3	General Conditions	General Conditions	Variance	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
4	General Conditions	General Conditions	Private Inspections	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
5	General Conditions	General Conditions	Debris haul off	0	load	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
6	General Conditions	General Conditions	Site plan	0	Fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
							LABOR HOURS	0.000	MATERIAL COST	$ -	EQUIPMENT COST	$ -	LABOR COST	$ -	SUBTOTAL		$ -
FACILITY CONSTRUCTION SUBGROUP WORK																	
		DIV-07	THERMAL AND MOISTURE PROTECTION										Labor Rate	$ 29.12			
			THERMAL AND MOISTURE PROTECTION														
			ROOFING														
			Roof Covering Over Metal Deck														
7	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Ultra Ply TPO Membrane Fully Adhered	3961	SF	0%	3961.00	0.010	39.6	$ 0.78	$ 3,089.58	$ -	$ -	$ 0.29	$ 1,153.44	$ 4,243.02	
8	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Ultra Ply Bonding Adhesive	3586	SF	0%	3586.00	0.003	10.8	$ 0.51	$ 1,828.86	$ -	$ -	$ 0.09	$ 313.27	$ 2,142.13	
9	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 inches o.c. (on center).Traxx 1 Fasteners: Spaced 12 inches o.c. (on center) located strictly at the side laps.	3586	SF	0%	3586.00	0.012	43.0	$ 1.06	$ 3,801.16	$ -	$ -	$ 0.35	$ 1,253.09	$ 5,054.25	
		THERMAL AND MOISTURE PROTECTION	Insulation														
10	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Rigid Insulation (R-30)	3586	SF	0%	3586.00	0.008	28.7	$ 3.90	$ 13,985.40	$ -	$ -	$ 0.23	$ 835.39	$ 14,820.79	
11	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Tapered Cricket Insulation	3585	SF	0%	3585.00	0.015	53.8	$ 1.23	$ 4,409.55	$ -	$ -	$ 0.44	$ 1,565.93	$ 5,975.48	
		THERMAL AND MOISTURE PROTECTION	Membrane														
12	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	(4" Wide) Soprema Alsan Membrane	450	LF	0%	450.00	0.050	22.5		$ -	$ -	$ -	$ 1.46	$ 655.20	$ 655.20	
		THERMAL AND MOISTURE PROTECTION	Flashing														
13	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Flashing For Roof Drain	36	LF	0%	36.00	0.060	2.2	$ 3.85	$ 138.60	$ -	$ -	$ 1.75	$ 62.90	$ 201.50	
14	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Flashing For Gravity Vent	120	LF	0%	120.00	0.060	7.2	$ 3.85	$ 462.00	$ -	$ -	$ 1.75	$ 209.66	$ 671.66	
15	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Flashing For Roof Wall Drain	3	EA	0%	3.00	0.060	0.2	$ 3.85	$ 11.55	$ -	$ -	$ 1.75	$ 5.24	$ 16.79	
16	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	(8"W x 5" H) Opening Flashing	1	EA	0%	1.00	0.060	0.1	$ 3.85	$ 3.85	$ -	$ -	$ 1.75	$ 1.75	$ 5.60	
17	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Sopremа Alsan RS 230 Flash w/ Alsan RS Fleece 3" Above 2-PLY SBS Membrane	450	LF	0%	450.00	0.050	22.5		$ -	$ -	$ -	$ 1.46	$ 655.20	$ 655.20	
		THERMAL AND MOISTURE PROTECTION	Curb														
18	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Roof Curb For Gravity Vent	120	LF	0%	120.00	0.150	18.0		$ -	$ -	$ -	$ 4.37	$ 524.16	$ 524.16	
		THERMAL AND MOISTURE PROTECTION	Drain														
19	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Roof Drain Strainer/ Dome	9	EA	0%	9.00	2.000	18.0		$ -	$ -	$ -	$ 58.24	$ 524.16	$ 524.16	
20	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	R.W.L Discharge Model Z199 By Zurn	8	EA	0%	8.00	1.500	12.0	$ 734.99	$ 5,879.92	$ -	$ -	$ 43.68	$ 349.44	$ 6,229.36	
21	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Roof Drain Scupper By Zurn Model # 189	8	EA	0%	8.00	2.000	16.0	$ 1,022.59	$ 8,180.72	$ -	$ -	$ 58.24	$ 465.92	$ 8,646.64	
22	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Emergency Overflow Scupper Drain By Zurn Model # 189	3	EA	0%	3.00	2.000	6.0	$ 1,022.59	$ 3,067.77	$ -	$ -	$ 58.24	$ 174.72	$ 3,242.49	
		THERMAL AND MOISTURE PROTECTION	Splash Block														
23	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Concrete Splash Block	4	EA	0%	4.00	0.250	1.0	$ 20.67	$ 82.68	$ -	$ -	$ 7.28	$ 29.12	$ 111.80	
		THERMAL AND MOISTURE PROTECTION	Scupper														
24	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Gargoyle Scupper	2	EA	0%	2.00	1.000	2.0		$ -	$ -	$ -	$ 29.12	$ 58.24	$ 58.24	
		THERMAL AND MOISTURE PROTECTION	Railing														
25	A-1.205	THERMAL AND MOISTURE PROTECTION	(42" H) Aluminum Railing w/ Post	10	LF	0%	10.00	0.250	2.5		$ -	$ -	$ -	$ 7.28	$ 72.80	$ 72.80	
		THERMAL AND MOISTURE PROTECTION	Ladder														
26	A-4.201	THERMAL AND MOISTURE PROTECTION	(11' 3" H x 20" W) Ship Ladder w/ Safety Post	1	EA	0%	1.00	6.000	6.0		$ -	$ -	$ -	$ 174.72	$ 174.72	$ 174.72	
		THERMAL AND MOISTURE PROTECTION	Stair														
27	A-4.201	THERMAL AND MOISTURE PROTECTION	(3' H x 2' W) Aluminum Lapette Stair (3 Step)	1	LOC	0%	1.00	6.000	6.0		$ -	$ -	$ -	$ 174.72	$ 174.72	$ 174.72	
		THERMAL AND MOISTURE PROTECTION	Grating														
28	A-1.205	THERMAL AND MOISTURE PROTECTION	Aluminum Bar Grating Deck & Landing	64	SF	0%	64.00	0.100	6.4	$ 62.00	$ 3,968.00	$ -	$ -	$ 2.91	$ 186.37	$ 4,154.37	
			Roof Covering Over Concrete Non Insulated														
29	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Ultra Ply TPO Membrane XR 100 Or Ultra Ply TPO XR 115 Adhered To The Vapor Retarder With XR Stick Membrane Adhesive Applied In Continuous (3/4" To 1"W) Ribbons Spaced 4" O.C.	70	SF	0%	70.00	0.003	0.2	$ 0.51	$ 35.70	$ -	$ -	$ 0.09	$ 6.12	$ 41.82	
30	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Vapor Barrier (One Ply SBS Base Fully Adhered)	54	SF	0%	54.00	0.008	0.4	$ 0.68	$ 36.72	$ -	$ -	$ 0.23	$ 12.58	$ 49.30	
		THERMAL AND MOISTURE PROTECTION	Flashing														
31	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Flashing For Roof Drain	2	LF	0%	2.00	0.060	0.1	$ 3.85	$ 7.70	$ -	$ -	$ 1.75	$ 3.49	$ 11.19	
		THERMAL AND MOISTURE PROTECTION	Drain														
32	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	R.W.L Discharge Model Z199 By Zurn	2	EA	0%	2.00	1.500	3.0	$ 734.99	$ 1,469.98	$ -	$ -	$ 43.68	$ 87.36	$ 1,557.34	
33	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Roof Drain Scupper By Zurn Model # 189	2	EA	0%	2.00	2.000	4.0	$ 1,022.59	$ 2,045.18	$ -	$ -	$ 58.24	$ 116.48	$ 2,161.66	
		THERMAL AND MOISTURE PROTECTION	Splash Block														
34	A-1.205, A-1.207	THERMAL AND MOISTURE PROTECTION	Concrete Splash Block	1	EA	0%	1.00	0.250	0.3	$ 20.67	$ 20.67	$ -	$ -	$ 7.28	$ 7.28	$ 27.95	
			WATERPROOFING														
		THERMAL AND MOISTURE PROTECTION	Footing														
35	S1.201	THERMAL AND MOISTURE PROTECTION	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	3213	SF	0%	3213.00	0.010	32.1		$ -	$ -	$ -	$ 0.29	$ 935.63	$ 935.63	
		THERMAL AND MOISTURE PROTECTION	Stem Wall														
36	A1.201	THERMAL AND MOISTURE PROTECTION	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	1290	SF	0%	1290.45	0.010	12.9		$ -	$ -	$ -	$ 0.29	$ 375.78	$ 375.78	
		THERMAL AND MOISTURE PROTECTION	Slab On Grade														
37	A1.201	THERMAL AND MOISTURE PROTECTION	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil)	3816	SF	0%	3815.70	0.010	38.2		$ -	$ -	$ -	$ 0.29	$ 1,111.13	$ 1,111.13	
		THERMAL AND MOISTURE PROTECTION	Exterior														
38	A-1.205, A-3.203, A-3.204, A-3.205, A-3.209	THERMAL AND MOISTURE PROTECTION	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Protection	12088	SF	0%	12088.00	0.010	120.9		$ -	$ -	$ -	$ 0.29	$ 3,520.03	$ 3,520.03	
		THERMAL AND MOISTURE PROTECTION	Planter														
39	A-1.201	THERMAL AND MOISTURE PROTECTION	Monolithic Membrane 6125 (180 Mils)	70	SF	0%	70.00	0.010	0.7		$ -	$ -	$ -	$ 0.29	$ 20.38	$ 20.38	
40	A-1.201	THERMAL AND MOISTURE PROTECTION	Hydroflex Rbii	47	SF	0%	47.00	0.010	0.5		$ -	$ -	$ -	$ 0.29	$ 13.69	$ 13.69	
41	A-1.201	THERMAL AND MOISTURE PROTECTION	Metal Counter Flashing	38	LF	0%	38.00	0.060	2.3	$ 3.85	$ 146.30	$ -	$ -	$ 1.75	$ 66.39	$ 212.69	
		THERMAL AND MOISTURE PROTECTION	Exterior Door Trims														
42	A-1.201	THERMAL AND MOISTURE PROTECTION	Doors Trim	22	LF	0%	22.00	0.050	1.1		$ -	$ -	$ -	$ 1.46	$ 32.03	$ 32.03	
		THERMAL AND MOISTURE PROTECTION	Exterior Window Trims														
43	A-1.206, A-1.201	THERMAL AND MOISTURE PROTECTION	Windows Trim	299	LF	0%	299.00	0.050	15.0		$ -	$ -	$ -	$ 1.46	$ 435.34	$ 435.34	
			ALTERNATE														
		THERMAL AND MOISTURE PROTECTION	Waterproofing														
		THERMAL AND MOISTURE PROTECTION	Footing														
44	S1.201	THERMAL AND MOISTURE PROTECTION	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	3213	SF	0%	3213.00	0.010	32.1		$ -	$ -	$ -	$ 0.29	$ 935.63	$ 935.63	
		THERMAL AND MOISTURE PROTECTION	Stem Wall														
45	A1.201	THERMAL AND MOISTURE PROTECTION	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	1290	SF	0%	1290.45	0.010	12.9		$ -	$ -	$ -	$ 0.29	$ 375.78	$ 375.78	
		THERMAL AND MOISTURE PROTECTION	Slab On Grade														
46	A1.201	THERMAL AND MOISTURE PROTECTION	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil	3816	SF	0%	3815.70	0.004	15.3	$ 0.44	$ 1,678.91	$ -	$ -	$ 0.12	$ 444.45	$ 2,123.36	
							LABOR HOURS	555.947	MATERIAL COST	$ 52,671.89	EQUIPMENT COST	$ -	LABOR COST	$ 16,189.16	SUBTOTAL		$ 68,861.05

TOTAL MATERIAL COST	$ 52,672
TOTAL LABOR COST	$ 16,189
TOTAL EQUIPMET COST	$ -
TOTAL LABOR HOURS	556

DETAILED TAKEOFF / ESTIMATE
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

#VALUE!

Project Name	OOLITE ART CENTER	PROJECT COST	$ 56,395
Location	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150	OVERHEAD COST	$ 5,639
Project Scope:	Roofing & Waterproofing	PROFIT COST	$ 5,639
Addendum:	N/A	ADDITIONAL COST (If Any)	$ -
Date:	11/3/2026	TOTAL BID COST	$ 67,674

BY OTHERS/ SEPERATE PERMIT/ BY OWNER | NEED QUOTATION

SR #	DRAWING REF #	DIVISION/TRADES	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY WITH WASTAGE	UNIT LABOR HOURS	TOTAL LABOR HOURS	UNIT MATERIAL COST	TOTAL MATERIAL COST	UNIT EQUIPMENT COST	TOTAL EQUIPMENT COST	UNIT LABOR COST	TOTAL LABOR COST	TOTAL COST	DIV COST
GENERAL REQUIREMENTS SUBGROUP WORK																	
		DIV-01	GENERAL REQUIREMENTS										Labor Rate	$ 25.16			
1	General Conditions	General Conditions	Permit (.07% of project value)	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
2	General Conditions	General Conditions	Site development	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
3	General Conditions	General Conditions	Variance	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
4	General Conditions	General Conditions	Private Inspections	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
5	General Conditions	General Conditions	Debris haul off	0	load	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
6	General Conditions	General Conditions	Site plan	0	Fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
							LABOR HOURS	0.000	MATERIAL COST	$ -	EQUIPMENT COST	$ -	LABOR COST	$ -	SUBTOTAL		$ -
FACILITY CONSTRUCTION SUBGROUP WORK																	
		DIV-07	THERMAL AND MOISTURE PROTECTION										Labor Rate	$ 29.12			
			THERMAL AND MOISTURE PROTECTION														
			ROOFING														
			Roof Covering Over Metal Deck														
7	A-1.305, A-1.307	Thermal And Moisture Protection	Ultra Ply TPO Membrane Fully Adhered	3558	SF	0%	3558.00	0.010	35.6	$ 0.78	$ 2,775.24	$ -	$ -	$ 0.29	$ 1,036.09	$ 3,811.33	
8	A-1.305, A-1.307	Thermal And Moisture Protection	Ultra Ply Bonding Adhesive	3227	SF	0%	3227.00	0.003	9.7	$ 0.51	$ 1,645.77	$ -	$ -	$ 0.09	$ 281.91	$ 1,927.68	
9	A-1.305, A-1.307	Thermal And Moisture Protection	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 inches o.c. (on center).Traxx 1 Fasteners: Spaced 12 inches o.c. (on center) located strictly at the side laps.	3227	SF	0%	3227.00	0.012	38.7	$ 1.06	$ 3,420.62	$ -	$ -	$ 0.35	$ 1,127.64	$ 4,548.26	
		Thermal And Moisture Protection	Insulation														
10	A-1.305, A-1.307	Thermal And Moisture Protection	Rigid Insulation (R-30)	3227	SF	0%	3227.00	0.008	25.8	$ 3.90	$ 12,585.30	$ -	$ -	$ 0.23	$ 751.76	$ 13,337.06	
11	A-1.305, A-1.307	Thermal And Moisture Protection	Tapered Cricket Insulation	3227	SF	0%	3227.00	0.015	48.4	$ 1.23	$ 3,969.21	$ -	$ -	$ 0.44	$ 1,409.55	$ 5,378.76	
		Thermal And Moisture Protection	Membrane														
12	A-1.305, A-1.307	Thermal And Moisture Protection	(4" Wide) Sopremа Alsan Membrane	451	LF	0%	451.00	0.050	22.6		$ -	$ -	$ -	$ 1.46	$ 656.66	$ 656.66	
		Thermal And Moisture Protection	Flashing														
13	A-1.305, A-1.307	Thermal And Moisture Protection	Flashing For Roof Drain	33	LF	0%	33.00	0.060	2.0	$ 3.85	$ 127.05	$ -	$ -	$ 1.75	$ 57.66	$ 184.71	
14	A-1.305, A-1.307	Thermal And Moisture Protection	Flashing For Gravity Vent	86	LF	0%	86.00	0.060	5.2	$ 3.85	$ 331.10	$ -	$ -	$ 1.75	$ 150.26	$ 481.36	
15	A-1.305, A-1.307	Thermal And Moisture Protection	Flashing For Roof Wall Drain	3	EA	0%	3.00	0.060	0.2	$ 3.85	$ 11.55	$ -	$ -	$ 1.75	$ 5.24	$ 16.79	
16	A-1.305, A-1.307	Thermal And Moisture Protection	(8"W x 5" H) Opening Flashing	1	EA	0%	1.00	0.060	0.1	$ 3.85	$ 3.85	$ -	$ -	$ 1.75	$ 1.75	$ 5.60	
17	A-1.305, A-1.307	Thermal And Moisture Protection	Sopremа Alsan RS 230 Flash w/ Alsan RS Fleece 3" Above 2-PLY SBS Membrane	451	LF	0%	451.00	0.050	22.6		$ -	$ -	$ -	$ 1.46	$ 656.66	$ 656.66	
		Thermal And Moisture Protection	Curb														
18	A-1.305, A-1.307	Thermal And Moisture Protection	Roof Curb For Gravity Vent	85	LF	0%	85.00	0.150	12.8		$ -	$ -	$ -	$ 4.37	$ 371.28	$ 371.28	
		Thermal And Moisture Protection	Drain														
19	A-1.305, A-1.307	Thermal And Moisture Protection	Roof Drain Strainer/ Dome	9	EA	0%	9.00	2.000	18.0		$ -	$ -	$ -	$ 58.24	$ 524.16	$ 524.16	
20	A-1.305, A-1.307	Thermal And Moisture Protection	R.W.L Discharge Model Z199 By Zurn	4	EA	0%	4.00	1.500	6.0	$ 734.99	$ 2,939.96	$ -	$ -	$ 43.68	$ 174.72	$ 3,114.68	
21	A-1.305, A-1.307	Thermal And Moisture Protection	Roof Drain Scupper By Zurn Model # 189	4	EA	0%	4.00	2.000	8.0	$ 1,022.59	$ 4,090.36	$ -	$ -	$ 58.24	$ 232.96	$ 4,323.32	
22	A-1.305, A-1.307	Thermal And Moisture Protection	Emergency Overflow Scupper Drain By Zurn Model # 189	3	EA	0%	3.00	2.000	6.0	$ 1,022.59	$ 3,067.77	$ -	$ -	$ 58.24	$ 174.72	$ 3,242.49	
		Thermal And Moisture Protection	Splash Block														
23	A-1.305, A-1.307	Thermal And Moisture Protection	Concrete Splash Block	2	EA	0%	2.00	0.250	0.5	$ 20.67	$ 41.34	$ -	$ -	$ 7.28	$ 14.56	$ 55.90	
		Thermal And Moisture Protection	Scupper														
24	A-1.305, A-1.307	Thermal And Moisture Protection	Gargoyle Scupper	3	EA	0%	3.00	1.000	3.0		$ -	$ -	$ -	$ 29.12	$ 87.36	$ 87.36	
			Roof Covering Over Concrete Non Insulated														
25	A-1.305, A-1.307	Thermal And Moisture Protection	Ultra Ply TPO Membrane XR 100 Or Ultra Ply TPO XR 115 Adhered To The Vapor Retarder With XR Stick Membrane Adhesive Applied In Continuous (3/4" To 1"W) Ribbons Spaced 4" O.C.	70	SF	0%	70.00	0.003	0.2	$ 0.51	$ 35.70	$ -	$ -	$ 0.09	$ 6.12	$ 41.82	
26	A-1.305, A-1.307	Thermal And Moisture Protection	Vapor Barrier (One Ply SBS Base Fully Adhered)	54	SF	0%	54.00	0.008	0.4	$ 0.68	$ 36.72	$ -	$ -	$ 0.23	$ 12.58	$ 49.30	
		Thermal And Moisture Protection	Flashing														
27	A-1.305, A-1.307	Thermal And Moisture Protection	Flashing For Roof Drain	2	LF	0%	2.00	0.060	0.1	$ 3.85	$ 7.70	$ -	$ -	$ 1.75	$ 3.49	$ 11.19	
		Thermal And Moisture Protection	Drain														
28	A-1.305, A-1.307	Thermal And Moisture Protection	Roof Drain Scupper By Zurn Model # 189	2	EA	0%	2.00	2.000	4.0	$ 1,022.59	$ 2,045.18	$ -	$ -	$ 58.24	$ 116.48	$ 2,161.66	
29	A-1.305, A-1.307	Thermal And Moisture Protection	R.W.L Discharge Model Z199 By Zurn	2	EA	0%	2.00	1.500	3.0	$ 734.99	$ 1,469.98	$ -	$ -	$ 43.68	$ 87.36	$ 1,557.34	
		Thermal And Moisture Protection	Splash Block														
30	A-1.305, A-1.307	Thermal And Moisture Protection	Concrete Splash Block	1	EA	0%	1.00	0.250	0.3	$ 20.67	$ 20.67	$ -	$ -	$ 7.28	$ 7.28	$ 27.95	
			WATERPROOFING														
		Thermal And Moisture Protection	Footing														
31	S1.301	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	3680	SF	0%	3680.25	0.010	36.8		$ -	$ -	$ -	$ 0.29	$ 1,071.69	$ 1,071.69	
		Thermal And Moisture Protection	Stem Wall														
32	A1.301	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	1006	SF	0%	1005.90	0.010	10.1		$ -	$ -	$ -	$ 0.29	$ 292.92	$ 292.92	
		Thermal And Moisture Protection	Slab On Grade														
33	A1.301	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil)	3406	SF	0%	3406.20	0.010	34.1		$ -	$ -	$ -	$ 0.29	$ 991.89	$ 991.89	
		Thermal And Moisture Protection	Exterior														
34	A-1.305, A-3.303, A-3.304, A-3.305, A-3.308	Thermal And Moisture Protection	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Protection	10641	SF	0%	10641.00	0.010	106.4		$ -	$ -	$ -	$ 0.29	$ 3,098.66	$ 3,098.66	
		Thermal And Moisture Protection	Planter														
35	A-1.301	Thermal And Moisture Protection	Monolithic Membrane 6125 (180 Mils)	61	SF	0%	61.00	0.010	0.6		$ -	$ -	$ -	$ 0.29	$ 17.76	$ 17.76	
36	A-1.301	Thermal And Moisture Protection	Hydroflex Rbii	41	SF	0%	41.00	0.010	0.4		$ -	$ -	$ -	$ 0.29	$ 11.94	$ 11.94	
37	A-1.301	Thermal And Moisture Protection	Metal Counter Flashing	33	LF	0%	33.00	0.060	2.0	$ 3.85	$ 127.05	$ -	$ -	$ 1.75	$ 57.66	$ 184.71	
		Thermal And Moisture Protection	Exterior Door Trims														
38	A-1.301	Thermal And Moisture Protection	Doors Trim	56	LF	0%	56.00	0.050	2.8		$ -	$ -	$ -	$ 1.46	$ 81.54	$ 81.54	
		Thermal And Moisture Protection	Exterior Window Trims														
39	A-1.306, A-1.301	Thermal And Moisture Protection	Windows Trim	259	LF	0%	259.00	0.050	13.0		$ -	$ -	$ -	$ 1.46	$ 377.10	$ 377.10	
			ALTERNATE														
		Thermal And Moisture Protection	Waterproofing														
		Thermal And Moisture Protection	Footing														
40	S1.301	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	3680	SF	0%	3680.25	0.010	36.8		$ -	$ -	$ -	$ 0.29	$ 1,071.69	$ 1,071.69	
		Thermal And Moisture Protection	Stem Wall														
41	A1.301	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	1006	SF	0%	1005.90	0.010	10.1		$ -	$ -	$ -	$ 0.29	$ 292.92	$ 292.92	
		Thermal And Moisture Protection	Slab On Grade														
42	A1.301	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil	3406	SF	0%	3406.20	0.004	13.6	$ 0.44	$ 1,498.73	$ -	$ -	$ 0.12	$ 396.75	$ 1,895.48	
							LABOR HOURS	479.032	MATERIAL COST	$ 38,752.12	EQUIPMENT COST	$ -	LABOR COST	$ 13,949.40	SUBTOTAL		$ 52,701.52

TOTAL MATERIAL COST	$ 38,752
TOTAL LABOR COST	$ 13,949
TOTAL EQUIPMET COST	$ -
TOTAL LABOR HOURS	$ 479

DETAILED TAKEOFF / ESTIMATE
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

#VALUE!

Project Name	OOLITE ART CENTER	PROJECT COST	$ 34,909
Location	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150	OVERHEAD COST	$ 3,491
Project Scope:	Roofing & Waterproofing	PROFIT COST	$ 3,491
Addendum:	N/A	ADDITIONAL COST (If Any)	$ -
Date:	11/3/2026	TOTAL BID COST	$ 41,891

BY OTHERS/ SEPERATE PERMIT/ BY OWNER | NEED QUOTATION

SR #	DRAWING REF #	DIVISION/TRADES	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY WITH WASTAGE	UNIT LABOR HOURS	TOTAL LABOR HOURS	UNIT MATERIAL COST	TOTAL MATERIAL COST	UNIT EQUIPMENT COST	TOTAL EQUIPMENT COST	UNIT LABOR COST	TOTAL LABOR COST	TOTAL COST	DIV COST
GENERAL REQUIREMENTS SUBGROUP WORK																	
		DIV-01	GENERAL REQUIREMENTS										Labor Rate	$ 25.16			
1	General Conditions	General Conditions	Permit (.07% of project value)	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
2	General Conditions	General Conditions	Site development	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
3	General Conditions	General Conditions	Variance	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
4	General Conditions	General Conditions	Private Inspections	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
5	General Conditions	General Conditions	Debris haul off	0	load	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
6	General Conditions	General Conditions	Site plan	0	Fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
							LABOR HOURS	0.000	MATERIAL COST	$ -	EQUIPMENT COST	$ -	LABOR COST	$ -	SUBTOTAL		$ -
FACILITY CONSTRUCTION SUBGROUP WORK																	
		DIV-07	THERMAL AND MOISTURE PROTECTION										Labor Rate	$ 29.12			
			THERMAL AND MOISTURE PROTECTION														
			ROOFING														
			Roof Covering Over Metal Deck														
7	A-1.405	THERMAL AND MOISTURE PROTECTION	Ultra Ply TPO Membrane Fully Adhered	2796	SF	0%	2796.00	0.010	28.0	$ 0.78	$ 2,180.88	$ -	$ -	$ 0.29	$ 814.20	$ 2,995.08	
8	A-1.405	THERMAL AND MOISTURE PROTECTION	Ultra Ply Bonding Adhesive	2650	SF	0%	2650.00	0.003	8.0	$ 0.51	$ 1,351.50	$ -	$ -	$ 0.09	$ 231.50		
9	A-1.405	THERMAL AND MOISTURE PROTECTION	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 inches o.c. (on center).Traxx 1 Fasteners: Spaced 12 inches o.c. (on center) located strictly at the side laps.	2650	SF	0%	2650.00	0.012	31.8	$ 1.06	$ 2,809.00	$ -	$ -	$ 0.35	$ 926.02		
		THERMAL AND MOISTURE PROTECTION	Insulation														
10	A-1.405	THERMAL AND MOISTURE PROTECTION	Rigid Insulation (R-30)	2650	SF	0%	2650.00	0.008	21.2	$ 3.90	$ 10,335.00	$ -	$ -	$ 0.23	$ 617.34		
11	A-1.405	THERMAL AND MOISTURE PROTECTION	Tapered Cricket Insulation	2642	SF	0%	2642.00	0.015	39.6	$ 1.23	$ 3,249.66	$ -	$ -	$ 0.44	$ 1,154.03		
		THERMAL AND MOISTURE PROTECTION	Membrane														
12	A-1.405	THERMAL AND MOISTURE PROTECTION	(4" Wide) Soprema Alsan Membrane	215	LF	0%	215.00	0.050	10.8		$ -	$ -	$ -	$ 1.46	$ 313.04		
		THERMAL AND MOISTURE PROTECTION	Flashing														
13	A-1.405	THERMAL AND MOISTURE PROTECTION	Flashing For Roof Drain	38	LF	0%	38.00	0.060	2.3	$ 3.85	$ 146.30	$ -	$ -	$ 1.75	$ 66.39		
14	A-1.405	THERMAL AND MOISTURE PROTECTION	Flashing For Roof Wall Drain	1	EA	0%	1.00	0.060	0.1	$ 3.85	$ 3.85	$ -	$ -	$ 1.75	$ 1.75		
15	A-1.405	THERMAL AND MOISTURE PROTECTION	Soprema Alsan RS 230 Flash w/ Alsan RS Fleece 3" Above 2-PLY SBS Membrane	215	LF	0%	215.00	0.050	10.8		$ -	$ -	$ -	$ 1.46	$ 313.04		
		THERMAL AND MOISTURE PROTECTION	Drain														
16	A-1.405	THERMAL AND MOISTURE PROTECTION	Roof Drain Strainer/ Dome	12	EA	0%	12.00	2.000	24.0		$ -	$ -	$ -	$ 58.24	$ 698.88		
17	A-1.405	THERMAL AND MOISTURE PROTECTION	Emergency Overflow Scupper Drain By Zurn Model # 189	1	EA	0%	1.00	2.000	2.0	$ 1,022.59	$ 1,022.59	$ -	$ -	$ 58.24	$ 58.24		
		THERMAL AND MOISTURE PROTECTION	Scupper														
18	A-1.405	THERMAL AND MOISTURE PROTECTION	Gargoyle Scupper	1	EA	0%	1.00	1.000	1.0		$ -	$ -	$ -	$ 29.12	$ 29.12		
		THERMAL AND MOISTURE PROTECTION	Ladder														
19	A-1.405	THERMAL AND MOISTURE PROTECTION	(8'-0" H x 20" W) Ship Ladder w/ Safety Post	1	EA	0%	1.00	6.000	6.0		$ -	$ -	$ -	$ 174.72	$ 174.72		
			Roof Covering Over Concrete Insulated														
20	A-1.405	THERMAL AND MOISTURE PROTECTION	Ultra Ply TPO Membrane Fully Adhered	248	SF	0%	248.00	0.010	2.5	$ 0.78	$ 193.44	$ -	$ -	$ 0.29	$ 72.22		
21	A-1.405	THERMAL AND MOISTURE PROTECTION	Ultra Ply Bonding Adhesive	171	SF	0%	171.00	0.003	0.5	$ 0.51	$ 87.21	$ -	$ -	$ 0.09	$ 14.94		
		THERMAL AND MOISTURE PROTECTION	Insulation														
22	A-1.405	THERMAL AND MOISTURE PROTECTION	Rigid Insulation (R-30)	171	SF	0%	171.00	0.008	1.4	$ 3.90	$ 666.90	$ -	$ -	$ 0.23	$ 39.84		
23	A-1.405	THERMAL AND MOISTURE PROTECTION	Tapered Cricket Insulation	175	SF	0%	175.00	0.015	2.6	$ 1.23	$ 215.25	$ -	$ -	$ 0.44	$ 76.44		
		THERMAL AND MOISTURE PROTECTION	Flashing														
24	A-1.405	THERMAL AND MOISTURE PROTECTION	Galvanized Metal Flashing For Curb	35	LF	0%	35.00	0.060	2.1	$ 3.85	$ 134.75	$ -	$ -	$ 1.75	$ 61.15		
		THERMAL AND MOISTURE PROTECTION	Curb														
25	A-1.405	THERMAL AND MOISTURE PROTECTION	(10" H) Galvanized Steel Curb	35	LF	0%	35.00	0.150	5.3		$ -	$ -	$ -	$ 4.37	$ 152.88		
			WATERPROOFING														
		THERMAL AND MOISTURE PROTECTION	Footing														
26	A-1.405, A-3.403, A-3.404	THERMAL AND MOISTURE PROTECTION	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	2388	SF	0%	2387.70	0.010	23.9		$ -	$ -	$ -	$ 0.29	$ 695.30	$ 695.30	
		THERMAL AND MOISTURE PROTECTION	Stem Wall														
27		THERMAL AND MOISTURE PROTECTION	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	746	SF	0%	745.50	0.010	7.5		$ -	$ -	$ -	$ 0.29	$ 217.09	$ 217.09	
	A-1.401	THERMAL AND MOISTURE PROTECTION	Slab On Grade														
28		THERMAL AND MOISTURE PROTECTION	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil)	3033	SF	0%	3033.45	0.010	30.3		$ -	$ -	$ -	$ 0.29	$ 883.34	$ 883.34	
		THERMAL AND MOISTURE PROTECTION	Exterior														
29	A-1.405, A-3.403, A-3.404	THERMAL AND MOISTURE PROTECTION	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Protection	8514	SF	0%	8514.00	0.010	85.1		$ -	$ -	$ -	$ 0.29	$ 2,479.28	$ 2,479.28	
		THERMAL AND MOISTURE PROTECTION	Exterior Door Trims														
30	A-1.401	THERMAL AND MOISTURE PROTECTION	Doors Trim	41	LF	0%	41.00	0.050	2.1		$ -	$ -	$ -	$ 1.46	$ 59.70	$ 59.70	
		THERMAL AND MOISTURE PROTECTION	Exterior Window Trims														
31	A-1.401	THERMAL AND MOISTURE PROTECTION	Windows Trim	52	LF	0%	52.00	0.050	2.6		$ -	$ -	$ -	$ 1.46	$ 75.71	$ 75.71	
			ALTERNATE														
		THERMAL AND MOISTURE PROTECTION	Waterproofing														
		THERMAL AND MOISTURE PROTECTION	Footing														
32	S1.401	THERMAL AND MOISTURE PROTECTION	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	2388	SF	0%	2387.70	0.010	23.9		$ -	$ -	$ -	$ 0.29	$ 695.30	$ 695.30	
		THERMAL AND MOISTURE PROTECTION	Stem Wall														
33	A1.401	THERMAL AND MOISTURE PROTECTION	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	746	SF	0%	745.50	0.010	7.5		$ -	$ -	$ -	$ 0.29	$ 217.09	$ 217.09	
		THERMAL AND MOISTURE PROTECTION	Slab On Grade														
34	A1.401	THERMAL AND MOISTURE PROTECTION	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil	3033	SF	0%	3033.45	0.004	12.1	$ 0.44	$ 1,334.72	$ -	$ -	$ 0.12	$ 353.34	$ 1,688.05	
							LABOR HOURS	351.173	MATERIAL COST	$ 22,396.33	EQUIPMENT COST	$ -	LABOR COST	$ 10,226.14	SUBTOTAL		$ 7,405.49

TOTAL MATERIAL COST	$	22,396
TOTAL LABOR COST	$	10,226
TOTAL EQUIPMET COST	$	-
TOTAL LABOR HOURS		351

DETAILED TAKEOFF / ESTIMATE
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

#VALUE!

Project Name	OOLITE ART CENTER	PROJECT COST	$ 91,234
Location	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150	OVERHEAD COST	$ 9,123
Project Scope:	ROOFING & WATERPROOFING	PROFIT COST	$ 9,123
Addendum:	N/A	ADDITIONAL COST (If Any)	$ -
Date:	11/3/2026	TOTAL BID COST	$ 109,481
	BY OTHERS/ SEPERATE PERMIT/ BY OWNER	NEED QUOTATION	

SR #	DRAWING REF #	DIVISION/TRADES	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY WITH WASTAGE	UNIT LABOR HOURS	TOTAL LABOR HOURS	UNIT MATERIAL COST	TOTAL MATERIAL COST	UNIT EQUIPMENT COST	TOTAL EQUIPMENT COST	UNIT LABOR COST	TOTAL LABOR COST	TOTAL COST	DIV COST
GENERAL REQUIREMENTS SUBGROUP WORK																	
		DIV-01	GENERAL REQUIREMENTS										Labor Rate	$ 25.16			
1	General Conditions	General Conditions	Permit (.07% of project value)	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
2	General Conditions	General Conditions	Site development	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
3	General Conditions	General Conditions	Variance	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
4	General Conditions	General Conditions	Private inspections	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
5	General Conditions	General Conditions	Debris haul off	0	load	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
6	General Conditions	General Conditions	Site plan	0	Fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
							LABOR HOURS	0.000	MATERIAL COST	$ -	EQUIPMENT COST	$ -	LABOR COST	$ -	SUBTOTAL	$ -	$ -
FACILITY CONSTRUCTION SUBGROUP WORK																	
		DIV-07	THERMAL AND MOISTURE PROTECTION										Labor Rate	$ 29.12			
			THERMAL AND MOISTURE PROTECTION														
			ROOFING														
		Thermal And Moisture Protection	Roof Covering Over Concrete Deck														
7	A-1.505	Thermal And Moisture Protection	Ultraply TPO Membrane Fully Adhered	3150	SF	10%	3465.00	0.010	34.7	$ 0.78	$ 2,702.70	$ -	$ -	$ 0.29	$ 1,009.01	$ 3,711.71	
8	A-1.505	Thermal And Moisture Protection	Ultraply Bonding Adhesive	2986	SF	10%	3284.60	0.003	9.9	$ 0.51	$ 1,675.15	$ -	$ -	$ 0.09	$ 286.94	$ 1,962.09	
		Thermal And Moisture Protection	Insulation														
9	A-1.505	Thermal And Moisture Protection	Rigid Insulation (R-30)	2986	SF	10%	3284.60	0.008	26.3	$ 3.90	$ 12,809.94	$ -	$ -	$ 0.23	$ 765.18	$ 13,575.12	
10	A-1.505	Thermal And Moisture Protection	Tapered Cricket Insulation	253	SF	10%	278.30	0.015	4.2	$ 1.23	$ 342.31	$ -	$ -	$ 0.44	$ 121.56	$ 463.87	
		Thermal And Moisture Protection	Membrane														
11	A-1.505	Thermal And Moisture Protection	4" Wide Soprema Alsan Membrane	290	LF	10%	319.00	0.050	16.0		$ -	$ -	$ -	$ 1.46	$ 464.46	$ 464.46	
		Thermal And Moisture Protection	Flashing														
12	A-1.505	Thermal And Moisture Protection	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane	290	LF	10%	319.00	0.050	16.0		$ -	$ -	$ -	$ 1.46	$ 464.46	$ 464.46	
13	A-1.505, A-1.507	Thermal And Moisture Protection	Flashing For Roof Wall Drain	12	EA	10%	13.20	0.060	0.8	$ 3.85	$ 50.82	$ -	$ -	$ 1.75	$ 23.06	$ 73.88	
		Thermal And Moisture Protection	Drain														
14	A-1.505, A-1.507	Thermal And Moisture Protection	Scupper Drain MFR: Zurn Model #: 189	12	EA	10%	13.20	2.000	26.4	$ 1,022.59	$ 13,498.19	$ -	$ -	$ 58.24	$ 768.77	$ 14,266.96	
		Thermal And Moisture Protection	Splash Block														
15	A-1.505, A-1.507	Thermal And Moisture Protection	Concrete Splash Block	12	EA	10%	13.20	0.250	3.3	$ 20.67	$ 272.84	$ -	$ -	$ 7.28	$ 96.10	$ 368.94	
		Thermal And Moisture Protection	TOWER														
		Thermal And Moisture Protection	Roof Covering Over Metal Deck														
16	A-1.507	Thermal And Moisture Protection	Ultra Ply TPO Membrane Fully Adhered Over Metal Deck	169	SF	10%	185.90	0.010	1.9	$ 0.78	$ 145.00	$ -	$ -	$ 0.29	$ 54.13	$ 199.14	
17	A-1.507	Thermal And Moisture Protection	Ultraply Bonding Adhesive	169	SF	10%	185.90	0.003	0.6	$ 0.51	$ 94.81	$ -	$ -	$ 0.09	$ 16.24	$ 111.05	
18	A-1.507	Thermal And Moisture Protection	(3/5'2") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 " O.C. (On Center).Traxx 1 Fasteners: Spaced 12 Inches O.C. (On Center) Located Strictly At The Side Laps.	169	SF	10%	185.90	0.012	2.2	$ 1.06	$ 197.05	$ -	$ -	$ 0.35	$ 64.96	$ 262.01	
		Thermal And Moisture Protection	Insulation														
19	A-1.507	Thermal And Moisture Protection	Rigid Insulation (R-30)	169	SF	10%	185.90	0.008	1.5	$ 3.90	$ 725.01	$ -	$ -	$ 0.23	$ 43.31	$ 768.32	
20	A-1.507	Thermal And Moisture Protection	Tapered Cricket Insulation	169	SF	10%	185.90	0.015	2.8	$ 1.23	$ 228.66	$ -	$ -	$ 0.44	$ 81.20	$ 309.86	
		Thermal And Moisture Protection	Membrane														
21	A-1.507	Thermal And Moisture Protection	4" Wide Soprema Alsan Membrane	78	LF	10%	85.80	0.050	4.3		$ -	$ -	$ -	$ 1.46	$ 124.92	$ 124.92	
		Thermal And Moisture Protection	Flashing														
22	A-1.507	Thermal And Moisture Protection	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane	78	LF	10%	85.80	0.050	4.3		$ -	$ -	$ -	$ 1.46	$ 124.92	$ 124.92	
23	A-1.505, A-1.507	Thermal And Moisture Protection	Flashing For Gravity Vent	7	LF	10%	7.70	0.060	0.5	$ 3.85	$ 29.65	$ -	$ -	$ 1.75	$ 13.45	$ 43.10	
		Thermal And Moisture Protection	Curb														
24	A-1.505, A-1.507	Thermal And Moisture Protection	Roof Curb For Gravity Vent	7	EA	10%	7.70	3.000	23.1		$ -	$ -	$ -	$ 87.36	$ 672.67	$ 672.67	
		Thermal And Moisture Protection	Drain														
25	A-1.507	Thermal And Moisture Protection	Scupper Drain MFR: Zurn Model #: 189	2	EA	10%	2.20	2.000	4.4	$ 1,022.59	$ 2,249.70	$ -	$ -	$ 58.24	$ 128.13	$ 2,377.83	
		Thermal And Moisture Protection	Splash Block														
26	A-1.507	Thermal And Moisture Protection	Concrete Splash Block	2	EA	10%	2.20	0.250	0.6	$ 20.67	$ 45.47	$ -	$ -	$ 7.28	$ 16.02	$ 61.49	
		Thermal And Moisture Protection	Roof Covering Over Concrete Deck (Non Insulation)														
27	A-1.505	Thermal And Moisture Protection	Ultra Ply TPO Membrane Xr 100 Or Ultra Ply TPO Xr 115 Adhered To The Vapor Retarder With Xr Stick Membrane Adhesive Applied In Continuous (3/4" To 1"W) Ribbons Spaced 4" O.C. Over Concrete Non Insulated	75	SF	10%	82.50	0.003	0.2	$ 0.51	$ 42.08	$ -	$ -	$ 0.09	$ 7.21	$ 49.28	
28	A-1.505	Thermal And Moisture Protection	Vapor Barrier (One Ply Sbs Base Fully Adhered	64	SF	10%	70.40	0.008	0.6	$ 0.68	$ 47.87	$ -	$ -	$ 0.23	$ 16.40	$ 64.27	
		Thermal And Moisture Protection	Insulation														
29	A-1.505	Thermal And Moisture Protection	Tapered Cricket Insulation	9	SF	10%	9.90	0.015	0.1	$ 1.23	$ 12.18	$ -	$ -	$ 0.44	$ 4.32	$ 16.50	
		Thermal And Moisture Protection	Membrane														
30	A-1.505, A-1.507	Thermal And Moisture Protection	4" Wide Soprema Alsan Membrane	22	LF	10%	24.20	0.050	1.2		$ -	$ -	$ -	$ 1.46	$ 35.24	$ 35.24	
		Thermal And Moisture Protection	Flashing														
31	A-1.505, A-1.507	Thermal And Moisture Protection	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane	22	LF	10%	24.20	0.050	1.2		$ -	$ -	$ -	$ 1.46	$ 35.24	$ 35.24	
32	A-1.505, A-1.507	Thermal And Moisture Protection	Flashing For Roof Wall Drain	2	EA	10%	2.20	0.060	0.1	$ 3.85	$ 8.47	$ -	$ -	$ 1.75	$ 3.84	$ 12.31	
33	A-1.505, A-1.507	Thermal And Moisture Protection	Flashing For Gravity Vent	7	LF	10%	7.70	0.060	0.5	$ 3.85	$ 29.65	$ -	$ -	$ 1.75	$ 13.45	$ 43.10	
		Thermal And Moisture Protection	Drain														
34	A-1.505	Thermal And Moisture Protection	(10" Dia) Exhaust Pipe	1	EA	10%	1.10	1.000	1.1		$ -	$ -	$ -	$ 29.12	$ 32.03	$ 32.03	
		Thermal And Moisture Protection	Curb														
35	A-1.505, A-1.507	Thermal And Moisture Protection	Roof Curb For Gravity Vent	7	EA	10%	7.70	3.000	23.1		$ -	$ -	$ -	$ 87.36	$ 672.67	$ 672.67	
		Thermal And Moisture Protection	WATERPROOFING														
		Thermal And Moisture Protection	Exterior														
36	A-3.503, A-3.504, A-3.505, A-3.506, A-1.502, A-1.505	Thermal And Moisture Protection	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Protection	9252	SF	10%	10177.20	0.010	101.8		$ -	$ -	$ -	$ 0.29	$ 2,963.60	$ 2,963.60	
		Thermal And Moisture Protection	Pavers														
37	A-1.506	Thermal And Moisture Protection	Roofing System To Contain A Conc. Deck Primed With Elastocol 500 Followed With A Base & Cap Sheet Of Sbs-Taf – Noa Required For Complete Installation And Compliance With Fbc. Roof Areas To Include Insulation With R-30 Average To Have A Finish Slope Of ¼"/Min Product – Suprema Waterproofing System	2973	SF	10%	3270.30	0.008	26.2	$ 3.90	$ 12,754.17	$ -	$ -	$ 0.23	$ 761.85	$ 13,516.02	
		Thermal And Moisture Protection	Paver Count														
38	A-1.506	Thermal And Moisture Protection	The Lok-Down Terra Stand Base Is Bonded Directly To The Top Surface Of The Waterproofing System Using Millennium Hurricane Force Membrane Adhesive At 150 Mil Per Base @ Lwc. It Is Fully Adhered To The Concrete Substrate Using 3M™ Scotch-Weld™ Pedestal Adhesive Dp8330ns. The Installation Is Then Followed By 2' x 2' Or 2' x 4' Terra Pavers And Lok-Down Securement Tabs And Screws, As Required By The Noa, To Ensure Complete Installation And Compliance With The Florida Building Code (Fbc). Product- Wausa Lok-Down Paver In Lok-Down	349	EA	10%	383.90	0.003	1.2		$ -	$ -	$ -	$ 0.09	$ 33.54	$ 33.54	
		Thermal And Moisture Protection	Trims														
39	A-1.501	Thermal And Moisture Protection	Windows Trim	143	LF	10%	157.30	0.050	7.9		$ -	$ -	$ -	$ 1.46	$ 229.03	$ 229.03	
		Thermal And Moisture Protection	Footing														
40	S-1.501	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	3467	SF	0%	3467.00	0.010	34.7		$ -	$ -	$ -	$ 0.29	$ 1,009.59	$ 1,009.59	
		Thermal And Moisture Protection	Elevator Mat Footing														
41	A-1501	Thermal And Moisture Protection	Waterproofing For Mat Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	548	SF	0%	548.10	0.010	5.5		$ -	$ -	$ -	$ 0.29	$ 159.61	$ 159.61	
		Thermal And Moisture Protection	Stem Wall														
42	A-1501	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	753	SF	0%	752.85	0.010	7.5		$ -	$ -	$ -	$ 0.29	$ 219.23	$ 219.23	
		Thermal And Moisture Protection	Slab On Grade														
43	A-1501	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 MIl)	3251	SF	0%	3250.80	0.010	32.5		$ -	$ -	$ -	$ 0.29	$ 946.63	$ 946.63	
		Thermal And Moisture Protection	Stairs														
44	S-1.501	Thermal And Moisture Protection	Stair Waterproofing For Stair Manufacturer (MFR): BASF Model No.: MasterKure CC 300 SB	142	SF	0%	142.00	6.000	852.0		$ -	$ -	$ -	$ 174.72	$ 24,810.24	$ 24,810.24	
		Thermal And Moisture Protection	ALTERNATE														
		Thermal And Moisture Protection	Waterproofing														
		Thermal And Moisture Protection	Footing														
45	S-1.501	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	3467	SF	0%	3467.00	0.010	34.7		$ -	$ -	$ -	$ 0.29	$ 1,009.59	$ 1,009.59	
		Thermal And Moisture Protection	Elevator Mat Footing														
46	A-1501	Thermal And Moisture Protection	Waterproofing For Mat Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	548	SF	0%	548.10	0.010	5.5		$ -	$ -	$ -	$ 0.29	$ 159.61	$ 159.61	
		Thermal And Moisture Protection	Stem Wall														
47	A-1501	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	753	SF	0%	752.85	0.010	7.5		$ -	$ -	$ -	$ 0.29	$ 219.23	$ 219.23	
		Thermal And Moisture Protection	Slab On Grade														
48	A-1501	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 MI	3251	SF	0%	3250.80	0.004	13.0	$ 0.44	$ 1,430.35	$ -	$ -	$ 0.12	$ 378.65	$ 1,809.01	
		Thermal And Moisture Protection	Stairs														
49	S-1.501	Thermal And Moisture Protection	Stair Waterproofing For Stair Manufacturer (MFR): Euclid Model No.: SurfaceHard Sealer	142	SF	0%	142.00	6.000	852.0		$ -	$ -	$ -	$ 174.72	$ 24,810.24	$ 24,810.24	
							LABOR HOURS	1280.674	MATERIAL COST	$ 47,961.71	EQUIPMENT COST	$ -	LABOR COST	$ 37,293.23	SUBTOTAL		$ 85,254.93

TOTAL MATERIAL COST	$ 47,962
TOTAL LABOR COST	$ 37,293
TOTAL EQUIPMET COST	$ -
TOTAL LABOR HOURS	1,281

DETAILED TAKEOFF / ESTIMATE
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

#VALUE!

Project Name	OOLITE ART CENTER	PROJECT COST	$ 52,054
Location	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150	OVERHEAD COST	$ 5,205
Project Scope:	ROOFING & WATERPROOFING	PROFIT COST	$ 5,205
Addendum:	N/A	ADDITIONAL COST (If Any)	$ -
Date:	11/3/2026	TOTAL BID COST	$ 62,465

BY OTHERS/ SEPERATE PERMIT/ BY OWNER | NEED QUOTATION

SR #	DRAWING REF #	DIVISION/TRADES	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY WITH WASTAGE	UNIT LABOR HOURS	TOTAL LABOR HOURS	UNIT MATERIAL COST	TOTAL MATERIAL COST	UNIT EQUIPMENT COST	TOTAL EQUIPMENT COST	UNIT LABOR COST	TOTAL LABOR COST	TOTAL COST	DIV COST
GENERAL REQUIREMENTS SUBGROUP WORK																	
		DIV-01	GENERAL REQUIREMENTS										Labor Rate	$ 25.16			
1	General Conditions	General Conditions	Permit (.07% of project value)	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
2	General Conditions	General Conditions	Site development	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
3	General Conditions	General Conditions	Variance	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
4	General Conditions	General Conditions	Private inspections	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
5	General Conditions	General Conditions	Debris haul off	0	load	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
6	General Conditions	General Conditions	Site plan	0	Fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
							LABOR HOURS	0.000	MATERIAL COST	$ -	EQUIPMENT COST	$ -	LABOR COST	$ -	SUBTOTAL	$ -	$ -
FACILITY CONSTRUCTION SUBGROUP WORK																	
		DIV-07	THERMAL AND MOISTURE PROTECTION										Labor Rate	$ 29.12			
			THERMAL AND MOISTURE PROTECTION														
			ROOFING														
		Thermal And Moisture Protection	Roof Covering Over Metal Deck														
7	A-1.605	Thermal And Moisture Protection	Ultraply TPO Membrane Fully Adhered	3033	SF	10%	3336.30	0.010	33.4	$ 0.78	$ 2,602.31	$ -	$ -	$ 0.29	$ 971.53	$ 3,573.84	
8	A-1.605	Thermal And Moisture Protection	Ultraply Bonding Adhesive	2778	SF	10%	3055.80	0.003	9.2	$ 0.51	$ 1,558.46	$ -	$ -	$ 0.09	$ 266.95	$ 1,825.41	
9	A-1.605	Thermal And Moisture Protection	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 " O.C. (On Center).Traxx 1 Fasteners: Spaced 12 Inches O.C. (On Center) Located Strictly At The Side Laps.	2778	SF	10%	3055.80	0.012	36.7	$ 1.06	$ 3,239.15	$ -	$ -	$ 0.35	$ 1,067.82	$ 4,306.97	
		Thermal And Moisture Protection	Insulation														
10	A-1.605	Thermal And Moisture Protection	Rigid Insulation (R-30)	2778	SF	10%	3055.80	0.008	24.4	$ 3.90	$ 11,917.62	$ -	$ -	$ 0.23	$ 711.88	$ 12,629.50	
11	A-1.605	Thermal And Moisture Protection	Tapered Cricket Insulation	2772	SF	10%	3049.20	0.015	45.7	$ 1.23	$ 3,750.52	$ -	$ -	$ 0.44	$ 1,331.89	$ 5,082.41	
		Thermal And Moisture Protection	Membrane														
12	A-1.605	Thermal And Moisture Protection	4' Wide Soprema Alsan Membrane	508	LF	10%	558.80	0.050	27.9		$ -	$ -	$ -	$ 1.46	$ 813.61	$ 813.61	
		Thermal And Moisture Protection	Flashing														
13	A-1.605	Thermal And Moisture Protection	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane	508	LF	10%	558.80	0.050	27.9		$ -	$ -	$ -	$ 1.46	$ 813.61	$ 813.61	
14	A-1.605	Thermal And Moisture Protection	Flashing For Gravity Vent	91	LF	10%	100.10	0.060	6.0	$ 3.85	$ 385.39	$ -	$ -	$ 1.75	$ 174.89	$ 560.28	
15	A-1.605	Thermal And Moisture Protection	Flashing For Roof Drain	44	LF	10%	48.40	0.060	2.9	$ 3.85	$ 186.34	$ -	$ -	$ 1.75	$ 84.56	$ 270.90	
16	A-1.605	Thermal And Moisture Protection	Flashing For Roof Wall Drain	14	EA	10%	15.40	0.060	0.9	$ 3.85	$ 59.29	$ -	$ -	$ 1.75	$ 26.91	$ 86.20	
		Thermal And Moisture Protection	Scupper														
17	A-1.605	Thermal And Moisture Protection	Gargoyle Scupper	7	EA	10%	7.70	1.000	7.7		$ -	$ -	$ -	$ 29.12	$ 224.22	$ 224.22	
			TOWER														
		Thermal And Moisture Protection	Roof Covering Over Metal Deck														
18	A-1.607	Thermal And Moisture Protection	Ultraply TPO Membrane Fully Adhered	310	SF	10%	341.00	0.010	3.4	$ 0.78	$ 265.98	$ -	$ -	$ 0.29	$ 99.30	$ 365.28	
19	A-1.607	Thermal And Moisture Protection	Ultraply Bonding Adhesive	237	SF	10%	260.70	0.003	0.8	$ 0.51	$ 132.96	$ -	$ -	$ 0.09	$ 22.77	$ 155.73	
20	A-1.607	Thermal And Moisture Protection	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 " O.C. (On Center).Traxx 1 Fasteners: Spaced 12 Inches O.C. (On Center) Located Strictly At The Side Laps.	237	SF	10%	260.70	0.012	3.1	$ 1.06	$ 276.34	$ -	$ -	$ 0.35	$ 91.10	$ 367.44	
		Thermal And Moisture Protection	Insulation														
21	A-1.607	Thermal And Moisture Protection	Rigid Insulation (R-30)	237	SF	10%	260.70	0.008	2.1	$ 3.90	$ 1,016.73	$ -	$ -	$ 0.23	$ 60.73	$ 1,077.46	
22	A-1.607	Thermal And Moisture Protection	Tapered Cricket Insulation	200	SF	10%	220.00	0.015	3.3	$ 1.23	$ 270.60	$ -	$ -	$ 0.44	$ 96.10	$ 366.70	
		Thermal And Moisture Protection	Membrane														
23	A-1.607	Thermal And Moisture Protection	4' Wide Soprema Alsan Membrane	145	LF	10%	159.50	0.050	8.0		$ -	$ -	$ -	$ 1.46	$ 232.23	$ 232.23	
		Thermal And Moisture Protection	Drain														
24	A-1.607	Thermal And Moisture Protection	Scupper Drain MFR: Zurn Model #: 189	5	EA	10%	5.50	2.000	11.0	$ 1,022.59	$ 5,624.25	$ -	$ -	$ 58.24	$ 320.32	$ 5,944.57	
		Thermal And Moisture Protection	Splash Block														
25	A-1.607	Thermal And Moisture Protection	Concrete Splash Block	5	EA	10%	5.50	0.250	1.4	$ 20.67	$ 113.69	$ -	$ -	$ 7.28	$ 40.04	$ 153.73	
		Thermal And Moisture Protection	Roof Covering Over Concrete Deck (Non Insulation)														
26	A-1.607	Thermal And Moisture Protection	Ultra Ply TPO Membrane Xr 100 Or Ultra Ply TPO Xr 115 Adhered To The Vapor Retarder With Xr Stick Membrane Adhesive Applied In Continuous (3/4" To 1"W) Ribbons Spaced 4" O.C. Over Concrete Non Insulated	71	SF	10%	78.10	0.003	0.2	$ 0.51	$ 39.83	$ -	$ -	$ 0.09	$ 6.82	$ 46.65	
27	A-1.607	Thermal And Moisture Protection	Vapor Barrier (One Ply Sbs Base Fully Adhered	55	SF	10%	60.50	0.008	0.5	$ 0.68	$ 41.14	$ -	$ -	$ 0.23	$ 14.09	$ 55.23	
		Thermal And Moisture Protection	Insulation														
28	A-1.607	Thermal And Moisture Protection	Tapered Cricket Insulation	28	SF	10%	30.80	0.015	0.5	$ 1.23	$ 37.88	$ -	$ -	$ 0.44	$ 13.45	$ 51.34	
		Thermal And Moisture Protection	Membrane														
29	A-1.607	Thermal And Moisture Protection	4' Wide Soprema Alsan Membrane	32	LF	10%	35.20	0.050	1.8		$ -	$ -	$ -	$ 1.46	$ 51.25	$ 51.25	
		Thermal And Moisture Protection	Curb														
30	A-1.607	Thermal And Moisture Protection	Roof Curb For Gravity Vent	19	LF	10%	20.90	0.150	3.1		$ -	$ -	$ -	$ 4.37	$ 91.29	$ 91.29	
		Thermal And Moisture Protection	Flashing														
31	A-1.607	Thermal And Moisture Protection	Flashing For Gravity Vent	19	LF	10%	20.90	0.060	1.3	$ 3.85	$ 80.47	$ -	$ -	$ 1.75	$ 36.52	$ 116.98	
32	A-1.607	Thermal And Moisture Protection	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane	177	LF	10%	194.70	0.050	9.7		$ -	$ -	$ -	$ 1.46	$ 283.48	$ 283.48	
		Thermal And Moisture Protection	Drain														
33	A-1.607	Thermal And Moisture Protection	Scupper Drain MFR: Zurn Model #: 189	2	EA	10%	2.20	2.000	4.4	$ 1,022.59	$ 2,249.70	$ -	$ -	$ 58.24	$ 128.13	$ 2,377.83	
		Thermal And Moisture Protection	Splash Block														
34	A-1.607	Thermal And Moisture Protection	Concrete Splash Block	2	EA	10%	2.20	0.250	0.6	$ 20.67	$ 45.47	$ -	$ -	$ 7.28	$ 16.02	$ 61.49	
			WATERPROOFING														
		Thermal And Moisture Protection	Exterior														
35	A-3.603, A-3.604, A-3.605, A-3.608, A-1.602, A-1.605	Thermal And Moisture Protection	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Protection	11435	SF	10%	12578.50	0.010	125.8		$ -	$ -	$ -	$ 0.29	$ 3,662.86	$ 3,662.86	
		Thermal And Moisture Protection	Planter														
36	A-1.601	Thermal And Moisture Protection	Monolithic Membrane 6125 (180 Mils)	28	SF	10%	30.80	0.010	0.3		$ -	$ -	$ -	$ 0.29	$ 8.97	$ 8.97	
37	A-1.601	Thermal And Moisture Protection	Hydroflex Rbii	38	SF	10%	41.80	0.010	0.4		$ -	$ -	$ -	$ 0.29	$ 12.17	$ 12.17	
38	A-1.601	Thermal And Moisture Protection	Metal Counter flashing	32	LF	10%	35.20	0.060	2.1	$ 3.85	$ 135.52	$ -	$ -	$ 1.75	$ 61.50	$ 197.02	
		Thermal And Moisture Protection	Insulated Paint														
39	A-1.606	Thermal And Moisture Protection	The Floor Of The A/C Attic Chamber To Be Coated Product -Hy - Tech Insulating Paint 110	146	SF	10%	160.60	0.010	1.6		$ -	$ -	$ -	$ 0.29	$ 46.77	$ 46.77	
		Thermal And Moisture Protection	Trims														
40	A-1.601, A-1.606	Thermal And Moisture Protection	Windows Trim	289	LF	10%	317.90	0.050	15.9		$ -	$ -	$ -	$ 1.46	$ 462.86	$ 462.86	
41	A-1.601	Thermal And Moisture Protection	Door Trim	38	LF	10%	41.80	0.050	2.1		$ -	$ -	$ -	$ 1.46	$ 60.86	$ 60.86	
			Waterproofing														
		Thermal And Moisture Protection	Footing														
42	S-1.601	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	3845	SF	0%	3845.00	0.010	38.5		$ -	$ -	$ -	$ 0.29	$ 1,119.66	$ 1,119.66	
		Thermal And Moisture Protection	Stem Wall														
43	A-1.602	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	763	SF	0%	763.35	0.010	7.6		$ -	$ -	$ -	$ 0.29	$ 222.29	$ 222.29	
		Thermal And Moisture Protection	Slab On Grade														
44	A-1.602	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil)	2973	SF	0%	2972.55	0.010	29.7		$ -	$ -	$ -	$ 0.29	$ 865.61	$ 865.61	
			ALTERNATE														
		Thermal And Moisture Protection	Waterproofing														
		Thermal And Moisture Protection	Footing														
45	S-1.601	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	3845	SF	0%	3845.00	0.010	38.5		$ -	$ -	$ -	$ 0.29	$ 1,119.66	$ 1,119.66	
		Thermal And Moisture Protection	Stem Wall														
46	A-1.602	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	763	SF	0%	763.35	0.010	7.6		$ -	$ -	$ -	$ 0.29	$ 222.29	$ 222.29	
		Thermal And Moisture Protection	Slab On Grade														
47	A-1.602	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil	2973	SF	0%	2972.55	0.004	11.9	$ 0.44	$ 1,307.92	$ -	$ -	$ 0.12	$ 346.24	$ 1,654.16	
							LABOR HOURS	501.892	MATERIAL COST	$ 34,029.62	EQUIPMENT COST	$ -	LABOR COST	$ 14,615.09	SUBTOTAL	$ 48,644.71	

TOTAL MATERIAL COST	$ 34,030
TOTAL LABOR COST	$ 14,615
TOTAL EQUIPMET COST	$ -
TOTAL LABOR HOURS	502

DETAILED TAKEOFF / ESTIMATE
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

#VALUE!

Project Name	OOLITE ART CENTER	PROJECT COST	$ 123,702
Location	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150	OVERHEAD COST	$ 12,370
Project Scope:	ROOFING & WATERPROOFING	PROFIT COST	$ 12,370
Addendum:	N/A	ADDITIONAL COST (If Any)	$ -
Date:	11/3/2026	TOTAL BID COST	$ 148,442

BY OTHERS/ SEPERATE PERMIT/ BY OWNER | NEED QUOTATION

SR #	DRAWING REF #	DIVISION/TRADES	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY WITH WASTAGE	UNIT LABOR HOURS	TOTAL LABOR HOURS	UNIT MATERIAL COST	TOTAL MATERIAL COST	UNIT EQUIPMENT COST	TOTAL EQUIPMENT COST	UNIT LABOR COST	TOTAL LABOR COST	TOTAL COST	DIV COST
GENERAL REQUIREMENTS SUBGROUP WORK																	
		DIV-01	GENERAL REQUIREMENTS										Labor Rate	$ 25.16			
1	General Conditions	General Conditions	Permit (.07% of project value)	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
2	General Conditions	General Conditions	Site development	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
3	General Conditions	General Conditions	Variance	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
4	General Conditions	General Conditions	Private inspections	0	fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
5	General Conditions	General Conditions	Debris haul off	0	load	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
6	General Conditions	General Conditions	Site plan	0	Fee	0%	0.00	0.000	0.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
							LABOR HOURS	0.000	MATERIAL COST	$ -	EQUIPMENT COST	$ -	LABOR COST	$ -	SUBTOTAL		$ -
FACILITY CONSTRUCTION SUBGROUP WORK																	
		DIV-07	THERMAL AND MOISTURE PROTECTION										Labor Rate	$ 29.12			
			THERMAL AND MOISTURE PROTECTION														
			ROOFING														
		Thermal And Moisture Protection	Roof Covering Over Metal Deck														
7	A-1.705, A-1.706	Thermal And Moisture Protection	Ultraply TPO Membrane Fully Adhered	4601	SF	10%	5061.10	0.010	50.6	$ 0.78	$ 3,947.66	$ -	$ -	$ 0.29	$ 1,473.79	$ 5,421.45	
8	A-1.705, A-1.706	Thermal And Moisture Protection	Ultraply Bonding Adhesive	4288	SF	10%	4716.80	0.003	14.2	$ 0.51	$ 2,405.57	$ -	$ -	$ 0.09	$ 412.06	$ 2,817.63	
9	A-1.705, A-1.706	Thermal And Moisture Protection	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 " O.C. (On Center).Traxx 1 Fasteners: Spaced 12 Inches O.C. (On Center) Located Strictly At The Side Laps.	4288	SF	10%	4716.80	0.012	56.6	$ 1.06	$ 4,999.81	$ -	$ -	$ 0.35	$ 1,648.24	$ 6,648.05	
		Thermal And Moisture Protection	Insulation														
10	A-1.705, A-1.706	Thermal And Moisture Protection	Rigid Insulation (R-30)	4288	SF	10%	4716.80	0.008	37.7	$ 3.90	$ 18,395.52	$ -	$ -	$ 0.23	$ 1,098.83	$ 19,494.35	
11	A-1.705, A-1.706	Thermal And Moisture Protection	Tapered Cricket Insulation	4279	SF	10%	4706.90	0.015	70.6	$ 1.23	$ 5,789.49	$ -	$ -	$ 0.44	$ 2,055.97	$ 7,845.46	
		Thermal And Moisture Protection	Membrane														
12	A-1.705, A-1.706	Thermal And Moisture Protection	4" Wide Soprema Alsan Membrane	625	LF	10%	687.50	0.050	34.4		$ -	$ -	$ -	$ 1.46	$ 1,001.00	$ 1,001.00	
		Thermal And Moisture Protection	Flashing														
13	A-1.706	Thermal And Moisture Protection	Flashing For Gravity Vent	13	LF	10%	14.30	0.060	0.9	$ 3.85	$ 55.06	$ -	$ -	$ 1.75	$ 24.98	$ 80.04	
14	A-1.705, A-1.706	Thermal And Moisture Protection	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane	625	LF	10%	687.50	0.050	34.4		$ -	$ -	$ -	$ 1.46	$ 1,001.00	$ 1,001.00	
15	A-1.705, A-1.706	Thermal And Moisture Protection	Flashing For Mech Units	38	LF	10%	41.80	0.060	2.5	$ 3.85	$ 160.93	$ -	$ -	$ 1.75	$ 73.03	$ 233.96	
16		Thermal And Moisture Protection	Flashing For Roof Drain	22	LF	10%	24.20	0.060	1.5	$ 3.85	$ 93.17	$ -	$ -	$ 1.75	$ 42.28	$ 135.45	
		Thermal And Moisture Protection	Drain														
17	A-1.705, A-1.706	Thermal And Moisture Protection	(1'-0" Dia) Roof Drain (Metal Deck)	11	EA	10%	12.10	2.000	24.2		$ -	$ -	$ -	$ 58.24	$ 704.70	$ 704.70	
18	A-1.705, A-1.706	Thermal And Moisture Protection	Scupper Drain MFR: Zurn Model #: 189	7	EA	10%	7.70	2.000	15.4	$ 1,022.59	$ 7,873.94	$ -	$ -	$ 58.24	$ 448.45	$ 8,322.39	
		Thermal And Moisture Protection	Splash Block														
19	A-1.705, A-1.706	Thermal And Moisture Protection	Concrete Splash Block	7	EA	10%	7.70	0.250	1.9	$ 20.67	$ 159.16	$ -	$ -	$ 7.28	$ 56.06	$ 215.22	
		Thermal And Moisture Protection	Roof Access														
20	A-1.705, A-1.706	Thermal And Moisture Protection	24" Wide Heavy-Duty Tubular Rail Aluminum Access Ladder With Safety Door (9'-4" H) MFR: O'Keeffe's, Inc. Model #: 502	1	EA	10%	1.10	6.000	6.6		$ -	$ -	$ -	$ 174.72	$ 192.19	$ 192.19	
		Thermal And Moisture Protection	Roof Covering Over Concrete Deck														
21	A-1.705	Thermal And Moisture Protection	Ultraply TPO Membrane Fully Adhered	1106	SF	10%	1216.60	0.010	12.2	$ 0.78	$ 948.95	$ -	$ -	$ 0.29	$ 354.27	$ 1,303.22	
22	A-1.705	Thermal And Moisture Protection	Ultraply Bonding Adhesive	953	SF	10%	1048.30	0.003	3.1	$ 0.51	$ 534.63	$ -	$ -	$ 0.09	$ 91.58	$ 626.21	
		Thermal And Moisture Protection	Insulation														
23	A-1.705	Thermal And Moisture Protection	Rigid Insulation (R-30)	953	SF	10%	1048.30	0.008	8.4	$ 3.90	$ 4,088.37	$ -	$ -	$ 0.23	$ 244.21	$ 4,332.58	
24	A-1.705	Thermal And Moisture Protection	Tapered Cricket Insulation	311	SF	10%	342.10	0.015	5.1	$ 1.23	$ 420.78	$ -	$ -	$ 0.44	$ 149.43	$ 570.21	
		Thermal And Moisture Protection	Membrane														
25	A-1.705	Thermal And Moisture Protection	4" Wide Soprema Alsan Membrane	268	LF	10%	294.80	0.050	14.7		$ -	$ -	$ -	$ 1.46	$ 429.23	$ 429.23	
		Thermal And Moisture Protection	Curb														
26	A-1.706	Thermal And Moisture Protection	Roof Curb For Gravity Vent	13	LF	10%	14.30	0.150	2.1		$ -	$ -	$ -	$ 4.37	$ 62.46	$ 62.46	
27	A-1.705	Thermal And Moisture Protection	Roof Curb For Hvac	38	LF	10%	41.80	0.150	6.3		$ -	$ -	$ -	$ 4.37	$ 182.58	$ 182.58	
		Thermal And Moisture Protection	Flashing														
28	A-1.705	Thermal And Moisture Protection	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane	268	LF	10%	294.80	0.050	14.7		$ -	$ -	$ -	$ 1.46	$ 429.23	$ 429.23	
29	A-1.705	Thermal And Moisture Protection	Flashing For Roof Wall Drain	14	EA	10%	15.40	0.060	0.9	$ 3.85	$ 59.29	$ -	$ -	$ 1.75	$ 26.91	$ 86.20	
30	A-1.705	Thermal And Moisture Protection	Flashing For Roof Drain	22	LF	10%	24.20	0.060	1.5	$ 3.85	$ 93.17	$ -	$ -	$ 1.75	$ 42.28	$ 135.45	
		Thermal And Moisture Protection	Drain														
31	A-1.705	Thermal And Moisture Protection	(1'-0" Dia) Roof Drain (Concrete Deck)	2	EA	10%	2.20	2.000	4.4		$ -	$ -	$ -	$ 58.24	$ 128.13	$ 128.13	
32	A-1.705	Thermal And Moisture Protection	Scupper Drain MFR: Zurn Model #: 189	7	EA	10%	7.70	2.000	15.4	$ 1,022.59	$ 7,873.94	$ -	$ -	$ 58.24	$ 448.45	$ 8,322.39	
		Thermal And Moisture Protection	Splash Block														
33	A-1.705	Thermal And Moisture Protection	Concrete Splash Block	7	EA	10%	7.70	0.250	1.9	$ 20.67	$ 159.16	$ -	$ -	$ 7.28	$ 56.06	$ 215.22	
		Thermal And Moisture Protection	TOWER														
		Thermal And Moisture Protection	Roof Covering Over Concrete Deck														
34	A-1.707	Thermal And Moisture Protection	Ultraply TPO Membrane Fully Adhered	242	SF	10%	266.20	0.010	2.7	$ 0.78	$ 207.64	$ -	$ -	$ 0.29	$ 77.52	$ 285.15	
35	A-1.707	Thermal And Moisture Protection	Ultraply Bonding Adhesive	184	SF	10%	202.40	0.003	0.6	$ 0.51	$ 103.22	$ -	$ -	$ 0.09	$ 17.68	$ 120.91	
		Thermal And Moisture Protection	Insulation														
36	A-1.707	Thermal And Moisture Protection	Rigid Insulation (R-30)	184	SF	10%	202.40	0.008	1.6	$ 3.90	$ 789.36	$ -	$ -	$ 0.23	$ 47.15	$ 836.51	
37	A-1.707	Thermal And Moisture Protection	Tapered Cricket Insulation	83	SF	10%	91.30	0.015	1.4	$ 1.23	$ 112.30	$ -	$ -	$ 0.44	$ 39.88	$ 152.18	
		Thermal And Moisture Protection	Membrane														
38	A-1.707	Thermal And Moisture Protection	4" Wide Soprema Alsan Membrane	116	LF	10%	127.60	0.050	6.4		$ -	$ -	$ -	$ 1.46	$ 185.79	$ 185.79	
		Thermal And Moisture Protection	Flashing														
39	A-1.707	Thermal And Moisture Protection	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane	116	LF	10%	127.60	0.050	6.4		$ -	$ -	$ -	$ 1.46	$ 185.79	$ 185.79	
40	A-1.707	Thermal And Moisture Protection	Flashing For Gravity Vent	13	LF	10%	14.30	0.060	0.9	$ 3.85	$ 55.06	$ -	$ -	$ 1.75	$ 24.98	$ 80.04	
41	A-1.707	Thermal And Moisture Protection	Flashing For Roof Wall Drain	3	EA	10%	3.30	0.060	0.2	$ 3.85	$ 12.71	$ -	$ -	$ 1.75	$ 5.77	$ 18.47	
		Thermal And Moisture Protection	Drain														
42	A-1.707	Thermal And Moisture Protection	Scupper Drain MFR: Zurn Model #: 189	3	EA	10%	3.30	2.000	6.6	$ 1,022.59	$ 3,374.55	$ -	$ -	$ 58.24	$ 192.19	$ 3,566.74	
		Thermal And Moisture Protection	Splash Block														
43	A-1.707	Thermal And Moisture Protection	Concrete Splash Block	3	EA	10%	3.30	0.250	0.8	$ 20.67	$ 68.21	$ -	$ -	$ 7.28	$ 24.02	$ 92.24	
		Thermal And Moisture Protection	WATERPROOFING														
		Thermal And Moisture Protection	Exterior														
44	A-3.703, A-3.704, A-3.705, A-3.706, A-1.702, A-1.705, A-1.706	Thermal And Moisture Protection	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Protection	10258	SF	10%	11283.80	0.010	112.8		$ -	$ -	$ -	$ 0.29	$ 3,285.84	$ 3,285.84	
		Thermal And Moisture Protection	Insulated Paint														
45	A-1.706	Thermal And Moisture Protection	The Floor Of The A/C Attic Chamber To Be Coated Product -Hy - Tech Insulating Paint 110	106	SF	10%	116.60	0.010	1.2		$ -	$ -	$ -	$ 0.29	$ 33.95	$ 33.95	
		Thermal And Moisture Protection	Pavers														
46	A-1.706	Thermal And Moisture Protection	Roofing System To Contain A Conc. Deck Primed With Elastocol 500 Followed With A Base & Cap Sheet Of Sbs-Taf – Noa Required For Complete Installation And Compliance With Fbc. Roof Areas To Include Insulation With R-30 Average To Have A Finish Slope Of ¼"/Min Product – Suprema Waterproofing System	293	SF	10%	322.30	0.008	2.6	$ 3.90	$ 1,256.97	$ -	$ -	$ 0.23	$ 75.08	$ 1,332.05	
		Thermal And Moisture Protection	Paver Count														
47	A-1.706	Thermal And Moisture Protection	The Lok-Down Terra Stand Base Is Bonded Directly To The Top Surface Of The Waterproofing System Using Millennium Hurricane Force Membrane Adhesive At 150 Mil Per Base @ Lwc. It Is Fully Adhered To The Concrete Substrate Using 3M™ Scotch-Weld™ Pedestal Adhesive Dp8330ns. The Installation Is Then Followed By 2' x 2' Or 2' x 4' Terra Pavers And Lok-Down Securement Tabs And Screws, As Required By The Noa, To Ensure Complete Installation And Compliance With The Florida Building Code (Fbc). Product- Wausa Lok-Down Paver In Lok-Down	27	EA	10%	29.70	0.003	0.1		$ -	$ -	$ -	$ 0.09	$ 2.59	$ 2.59	
		Thermal And Moisture Protection	Flooring														
48	A-1.701	Thermal And Moisture Protection	The Floor Finished With A Nonskid Water Proofing Traffic Coating System	419	SF	10%	460.90	0.010	4.6		$ -	$ -	$ -	$ 0.29	$ 134.21	$ 134.21	
49	A-1.701	Thermal And Moisture Protection	The Wall To Be Coated With An Epoxy Paint	400	SF	10%	440.00	0.010	4.4		$ -	$ -	$ -	$ 0.29	$ 128.13	$ 128.13	
		Thermal And Moisture Protection	Trims														
50	A-1.701, A-1.706	Thermal And Moisture Protection	Windows Trim	208	LF	10%	228.80	0.050	11.4		$ -	$ -	$ -	$ 1.46	$ 333.13	$ 333.13	
51	A-1.701, A-1.705	Thermal And Moisture Protection	Door Trim	139	LF	10%	152.90	0.050	7.6		$ -	$ -	$ -	$ 1.46	$ 222.62	$ 222.62	
		Thermal And Moisture Protection	Footing														
52	S-1.701	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	6709	SF	0%	6709.00	0.010	67.1		$ -	$ -	$ -	$ 0.29	$ 1,953.66	$ 1,953.66	
		Thermal And Moisture Protection	Stem Wall														
53	A-1.701	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System	1682	SF	0%	1682.10	0.010	16.8		$ -	$ -	$ -	$ 0.29	$ 489.83	$ 489.83	
		Thermal And Moisture Protection	Slab On Grade														
54	A-1.701	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 MIl)	5777	SF	0%	5777.10	0.010	57.8		$ -	$ -	$ -	$ 0.29	$ 1,682.29	$ 1,682.29	
		Thermal And Moisture Protection	Stairs														
55	S-1.701	Thermal And Moisture Protection	Stair Waterproofing For Stair Manufacturer (MFR): BASF Model No.: MasterKure CC 300 SB	169	SF	0%	169.05	6.000	1014.3		$ -	$ -	$ -	$ 174.72	$ 29,536.42	$ 29,536.42	
		Thermal And Moisture Protection	ALTERNATE														
		Thermal And Moisture Protection	Waterproofing														
		Thermal And Moisture Protection	Footing														
56	S-1.701	Thermal And Moisture Protection	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	6709	SF	0%	6709.00	0.010	67.1		$ -	$ -	$ -	$ 0.29	$ 1,953.66	$ 1,953.66	
		Thermal And Moisture Protection	Stem Wall														
57	A-1.701	Thermal And Moisture Protection	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System	1682	SF	0%	1682.10	0.010	16.8		$ -	$ -	$ -	$ 0.29	$ 489.83	$ 489.83	
		Thermal And Moisture Protection	Slab On Grade														
58	A-1.701	Thermal And Moisture Protection	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil	5777	SF	0%	5777.10	0.004	23.1	$ 0.44	$ 2,541.92	$ -	$ -	$ 0.12	$ 672.92	$ 3,214.84	
		Thermal And Moisture Protection	Stairs														
59	S-1.701	Thermal And Moisture Protection	Stair Waterproofing For Stair Manufacturer (MFR): Euclid Model No.: SurfaceHard Sealer	169	SF	0%	169.05	6.000	1014.3		$ -	$ -	$ -	$ 174.72	$ 29,536.42	$ 29,536.42	
							LABOR HOURS	1770.465	MATERIAL COST	$ 64,038.60	EQUIPMENT COST	$ -	LABOR COST	$ 51,555.94	SUBTOTAL		$ 115,594.54
															TOTAL MATERIAL COST	$	64,039
															TOTAL LABOR COST	$	51,556

DETAILED TAKEOFF / ESTIMATE
FEDERAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

#VALUE!

Project Name	OOLITE ART CENTER	PROJECT COST	$	123,702
Location	77 N.W. 72 STREET LITTLE HAITI, FLORIDA 33150	OVERHEAD COST	$	12,370
Project Scope:	ROOFING & WATERPROOFING	PROFIT COST	$	12,370
Addendum:	N/A	ADDITIONAL COST (If Any)	$	-
Date:	11/3/2026	TOTAL BID COST	$	148,442

BY OTHERS/ SEPERATE PERMIT/ BY OWNER

NEED QUOTATION

SR #	DRAWING REF #	DIVISION/TRADES	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY WITH WASTAGE	UNIT LABOR HOURS	TOTAL LABOR HOURS	UNIT MATERIAL COST	TOTAL MATERIAL COST	UNIT EQUIPMENT COST	TOTAL EQUIPMENT COST	UNIT LABOR COST	TOTAL LABOR COST	TOTAL COST	DIV COST
													TOTAL EQUIPMET COST	$		-	
													TOTAL LABOR HOURS			1,770	

PRICING NOTES & QA | OOLITE ART CENTER - ROOFING & WATERPROOFING

77 NW 72nd Street, Little Haiti, Miami FL 33150 (Miami-Dade) | Roofing and waterproofing, 7 clusters + combined summary | Open shop | Priced 2026-10-08 | Takeoff only

1. EXECUTIVE PRICING SUMMARY

#	Item	Workbook (live)	Independent calc	Variance	Basis / cell reference
1	Base Bid Price (block 1)	$71,629.30	$71,629.30	$0.00	PROPOSAL SUMMARY E38
2	Base Bid Price (block 2)	$88,423.42	$88,423.42	$0.00	PROPOSAL SUMMARY E73
3	Base Bid Price (block 3)	$67,673.77	$67,673.77	$0.00	PROPOSAL SUMMARY E109
4	Base Bid Price (block 4)	$41,890.94	$41,890.94	$0.00	PROPOSAL SUMMARY E143
5	Base Bid Price (block 5)	$109,480.76	$109,480.76	$0.00	PROPOSAL SUMMARY E177
6	Base Bid Price (block 6)	$62,465.07	$62,465.07	$0.00	PROPOSAL SUMMARY E211
7	Base Bid Price (block 7)	$148,441.96	$148,441.96	$0.00	PROPOSAL SUMMARY E245
8	Base Bid Price Overall Building (block 8)	$568,847.68	$568,847.68	$0.00	PROPOSAL SUMMARY E280
9	GRAND TOTAL (as the template defines it)	$568,847.68	$568,847.68	$0.00	PROPOSAL SUMMARY E280

#	Direct cost component (all sheets)	Value	Notes
1	Material (before tax)	$612,121.93	Sum of line material, all detail sheets
2	Labor (base wage + fringe)	$445,856.30	Sum of line labor at the rate the template formula actually uses
3	Equipment	$0.00	Line equipment (template: unit equipment x labor hours)
4	Additional costs carried in summary rows	$1,965.00	Div-01 items with no template line; itemized in section 6
5	Total labor hours	15,311.0	All detail sheets

#	Count	Value	Notes
1	Takeoff line items reviewed	399	All quantity lines on all detail sheets, incl. Div-01 template lines
2	Line items priced (non-zero)	351	
3	Lines left blank with NEED QUOTATION fill	163	Material not priced: no published price found, or fixture/equipment per FEDES rule. Listed in section 7
4	Allowances	0	Section 8
5	Discrepancies identified	2	Section 9
6	High / critical risks	3	Section 13
7	Template formula issues	1	Section 15

No plans or specifications were provided. Quantities are priced as received and could not be checked against drawings.
The workbook prices each of 7 clusters AND a combined takeoff sheet. The template bid total is the combined sheet (PROPOSAL SUMMARY E280, "BASE BID PRICE OVERALL BUILDING"). Both use identical unit prices; section 9 compares the two.
Florida workers comp for roofing (class 5551) was NOT found and is NOT in labor burden. Florida roofing WC is a large share of payroll; see risk register.
Most waterproofing products (Preprufe, CETCO, Stego, Hydroflex, MM6125, coatings) have no published price and are NEED QUOTATION.

2. PRICING METHODOLOGY

- Only input cells were written: unit labor hours (I), unit material (K), unit equipment (M = 0), division labor rates, Div-01 inputs and the summary tax / OH&P / bond / additional-cost / man-loading rate cells. No formula, sheet, row, column, merge, unit or quantity was changed.

- Labor = crew composite rate x unit hours x quantity with waste. Statutory payroll burden goes through the template LABOR TAX cell.
- Material = published 2026 online list prices seen 2026-10-08 (mostly superarbor.io and K&M Sheet Metal). No trade discount; local distributor pricing requires an account.

- Lines with no published price (fabricated curbs, coping, ladders, railings, most waterproofing systems, drains with no model) are left blank with the NEED QUOTATION fill and carry install labor only.

- Sheet-metal flashings are priced from flat stock at an assumed 12 in girth; actual girth comes from the details (not provided).

3. WAGE BUILD-UP

#	Classification	Base wage $/hr	Fringe $/hr	Rate (base+fringe)	Statutory burden	Loaded $/hr	Source / effective date
1	Roofer (47-2181)	$23.09	$3.46	$26.55	$1.88	$28.43	OEWS 2025 Miami-Fort Lauderdale-West Palm Beach median $23.09 [W1]
2	Working foreman (47-1011)	$37.28	$5.59	$42.87	$2.96	$45.83	OEWS 2025 Miami MSA median $37.28 [W1]
3	Roofer helper (47-3016)	$20.05	$3.01	$23.06	$1.64	$24.70	OEWS 2025 Miami MSA median $20.05 [W1]
4	Construction laborer (47-2061)	$21.88	$3.28	$25.16	$1.78	$26.95	OEWS 2025 Miami MSA median $21.88 [W1]

#	Statutory burden component	Rate	Source
1	FICA	7.65%	
2	FUTA effective	0.09%	[T1]

3	FL reemployment 2.7% on $7,000 (effective)	0.39%	FL DOR 2026 [T1]
4	Workers comp class 5551 roofing: NOT FOUND, NOT	0.00%	Only an average 11.04% 2026 decrease was found, no rate [T1]

#	Division / sheet	Crew	Rate entered	Burden on rate	Cell
1	COMBINED TAKEOFF SUMMARY DIV-01 GENERAL REQUIREMENTS	Laborer	$25.16	7.09%	COMBINED TAKEOFF SUMMARY !N11
2	COMBINED TAKEOFF SUMMARY DIV-07 THERMAL AND MOISTURE PROTECTION	3 roofers + 1 foreman + 1 helper	$29.12	7.03%	COMBINED TAKEOFF SUMMARY !N21
3	CLUSTER 1 DIV-01 GENERAL REQUIREMENTS	Laborer	$25.16	7.09%	CLUSTER 1!O11
4	CLUSTER 1 DIV-07 THERMAL AND MOISTURE PROTECTION	3 roofers + 1 foreman + 1 helper	$29.12	7.03%	CLUSTER 1!O21
5	CLUSTER 2 DIV-01 GENERAL REQUIREMENTS	Laborer	$25.16	7.09%	CLUSTER 2!O11
6	CLUSTER 2 DIV-07 THERMAL AND MOISTURE PROTECTION	3 roofers + 1 foreman + 1 helper	$29.12	7.03%	CLUSTER 2!O21
7	CLUSTER 3 DIV-01 GENERAL REQUIREMENTS	Laborer	$25.16	7.09%	CLUSTER 3!O11
8	CLUSTER 3 DIV-07 THERMAL AND MOISTURE PROTECTION	3 roofers + 1 foreman + 1 helper	$29.12	7.03%	CLUSTER 3!O21
9	CLUSTER 4 DIV-01 GENERAL REQUIREMENTS	Laborer	$25.16	7.09%	CLUSTER 4!O11
10	CLUSTER 4 DIV-07 THERMAL AND MOISTURE PROTECTION	3 roofers + 1 foreman + 1 helper	$29.12	7.03%	CLUSTER 4!O21
11	CLUSTER 5 DIV-01 GENERAL REQUIREMENTS	Laborer	$25.16	7.09%	CLUSTER 5!O11
12	CLUSTER 5 DIV-07 THERMAL AND MOISTURE PROTECTION	3 roofers + 1 foreman + 1 helper	$29.12	7.03%	CLUSTER 5!O21
13	CLUSTER 6 DIV-01 GENERAL REQUIREMENTS	Laborer	$25.16	7.09%	CLUSTER 6!O11
14	CLUSTER 6 DIV-07 THERMAL AND MOISTURE PROTECTION	3 roofers + 1 foreman + 1 helper	$29.12	7.03%	CLUSTER 6!O21
15	CLUSTER 7 DIV-01 GENERAL REQUIREMENTS	Laborer	$25.16	7.09%	CLUSTER 7!O11
16	CLUSTER 7 DIV-07 THERMAL AND MOISTURE PROTECTION	3 roofers + 1 foreman + 1 helper	$29.12	7.03%	CLUSTER 7!O21

Summary block 'BASE BID PRICE': LABOR TAX D20 = 7.03% (labor-weighted burden of the divisions in the block); MATERIAL SALES TAX D17 = 7.00%; OH 10%, profit 10%.
Summary block 'BASE BID PRICE': LABOR TAX D55 = 7.03% (labor-weighted burden of the divisions in the block); MATERIAL SALES TAX D52 = 7.00%; OH 10%, profit 10%.
Summary block 'BASE BID PRICE': LABOR TAX D91 = 7.03% (labor-weighted burden of the divisions in the block); MATERIAL SALES TAX D88 = 7.00%; OH 10%, profit 10%.
Summary block 'BASE BID PRICE': LABOR TAX D125 = 7.03% (labor-weighted burden of the divisions in the block); MATERIAL SALES TAX D122 = 7.00%; OH 10%, profit 10%.
Summary block 'BASE BID PRICE': LABOR TAX D159 = 7.03% (labor-weighted burden of the divisions in the block); MATERIAL SALES TAX D156 = 7.00%; OH 10%, profit 10%.
Summary block 'BASE BID PRICE': LABOR TAX D193 = 7.03% (labor-weighted burden of the divisions in the block); MATERIAL SALES TAX D190 = 7.00%; OH 10%, profit 10%.
Summary block 'BASE BID PRICE': LABOR TAX D227 = 7.03% (labor-weighted burden of the divisions in the block); MATERIAL SALES TAX D224 = 7.00%; OH 10%, profit 10%.
Summary block 'BASE BID PRICE OVERALL BUILDING': LABOR TAX D262 = 7.03% (labor-weighted burden of the divisions in the block); MATERIAL SALES TAX D259 = 7.00%; OH 10%, profit 10%.

4. MATERIAL PRICING BASIS AND LABOR PRODUCTIVITY

Ref	Material / item	Unit	Price carried	Source	Notes
R1/R2	TPO / KEE / SBS membranes and adhesives	SF	0.51 to 2.51	superarbor.io	List prices from an online reseller
R1	Polyiso insulation, tapered, cover board	SF	0.80 to 3.90	superarbor.io	R-30 priced at ~5.2 in
R1/R2	Sheet metal (flat stock, drip edge, gutters, downspouts)	LF	1.80 to 7.15	K&M, superarbor.io	Flashing priced at 12 in girth from flat stock
R2	Shingles, concrete tile, felts, leak barrier, underlayment	SF	0.10 to 1.28	superarbor.io, Home Depot	
R1/R2	Hatch, drains, scuppers, splash blocks, grating	EA/SF	20.67 to 3,416.49	absupply, relyonpdi, zoro	

Labor production rates (unit hours) are FEDES estimator judgment for the stated conditions. No published RSMeans, NECA, MCAA or NRCA unit-hour data could be accessed during this review; each rate is shown on the line table in section 18 so it can be checked against company history.

5. SALES TAX BASIS

- Miami-Dade: 6% state + 1% county surtax = 7.0% (DR-15DSS 2026) [T2].
- Florida contractors pay tax on materials (Rule 12A-1.051); labor not taxed.

6. DIVISION 01 / GENERAL REQUIREMENTS BASIS

#	Item	Location	Carried	Status	Basis
1	Permit	row 12 (all sheets)	$0.00	N/A - gap	Miami roofing permit fee not retrieved.
2	Debris haul off	row 16	$0.00	N/A - gap	No Miami dumpster price retrieved.
3	Other Div-01 template rows	rows 13-15,17	$0.00	N/A	
4	Project Supervision	PROPOSAL	$0.00	N/A	

5	Submittals	PROPOSAL SUMMARY (overall	$733.00	Carried	16 MH: Miami-Dade NOA submittals, roofing and waterproofing product data
6	Temporary Facilities	PROPOSAL	$0.00	N/A	Not priced
7	Project Schedule	PROPOSAL	$0.00	N/A	
8	Office Overheads	PROPOSAL	$0.00	N/A	
9	Closeout	PROPOSAL	$550.00	Carried	12 MH warranties/closeout
10	Permits	PROPOSAL	$0.00	N/A	Gap
11	Allowances	PROPOSAL	$0.00	N/A	
12	Mobilization	PROPOSAL	$682.00	Carried	3 mobilizations
13	Sub-Contracts	PROPOSAL	$0.00	N/A	

7. VENDOR QUOTES REQUIRED / NEED QUOTATION LINES

#	Sheet!row	Item	Qty	Unit	Labor carried?	Reason material is blank
1	COMBINED TAKEOFF SUMMARY!34	(4" Wide) Soprema Alsan Membrane	2884	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
2	COMBINED TAKEOFF SUMMARY!42	Soprema Alsan RS 230 Flash w/ Alsan	2739	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
3	COMBINED TAKEOFF SUMMARY!45	Roof Curb For	327	LF	Yes	Fabricated curb price not found
4	COMBINED TAKEOFF SUMMARY!48	Roof Drain Strainer/	54	EA	Yes	Drain model/size not specified
5	COMBINED TAKEOFF SUMMARY!57	Gargoyle Scupper	15	EA	Yes	Accessory price not found
6	COMBINED TAKEOFF SUMMARY!60	24" Wide Heavy-Duty Tubular Rail Aluminum Access	1	EA	Yes	Ladder/stair product price not found
7	COMBINED TAKEOFF SUMMARY!63	(42" H) Aluminum	10	LF	Yes	42 in aluminum railing price not found
8	COMBINED TAKEOFF SUMMARY!66	(11'-3" H x 20" W) Ship Ladder w/	1	EA	Yes	Ladder/stair product price not found
9	COMBINED TAKEOFF SUMMARY!67	(8'-0" H x 20" W) Ship Ladder w/	1	EA	Yes	Ladder/stair product price not found
10	COMBINED TAKEOFF SUMMARY!70	(3' H x 2' W) Aluminum Lapetre	1	LOC	Yes	Ladder/stair product price not found
11	COMBINED TAKEOFF SUMMARY!84	4" Wide Soprema Alsan Membrane	674	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
12	COMBINED TAKEOFF SUMMARY!88	Soprema Alsan Rs 230 Flash W/ Alsan	674	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
13	COMBINED TAKEOFF SUMMARY!94	(10" H) Galvanized	35	LF	Yes	Fabricated curb price not found
14	COMBINED TAKEOFF SUMMARY!95	Roof Curb For	13	LF	Yes	Fabricated curb price not found
15	COMBINED TAKEOFF SUMMARY!96	Roof Curb For Hvac	38	LF	Yes	Fabricated curb price not found
16	COMBINED TAKEOFF SUMMARY!100	(1'-0" Dia) Roof	2	EA	Yes	Drain model/size not specified
17	COMBINED TAKEOFF SUMMARY!113	4" Wide Soprema Alsan Membrane	54	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
18	COMBINED TAKEOFF SUMMARY!117	Soprema Alsan Rs 230 Flash W/ Alsan	199	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
19	COMBINED TAKEOFF SUMMARY!122	Roof Curb For	26	LF	Yes	Fabricated curb price not found
20	COMBINED TAKEOFF SUMMARY!133	Waterproofing For Footing Manufacturer:	27118	SF	Yes	Waterproofing product price not found or coverage not stated
21	COMBINED TAKEOFF SUMMARY!136	Waterproofing For Stem Wall Manufacturer:	7135	SF	Yes	Waterproofing product price not found or coverage not stated
22	COMBINED TAKEOFF SUMMARY!139	Waterproofing For Slab On Grade Manufacturer:	25257	SF	Yes	Waterproofing product price not found or coverage not stated
23	COMBINED TAKEOFF SUMMARY!142	Waterproofing For Mat Footing Manufacturer:	548	SF	Yes	Waterproofing product price not found or coverage not stated
24	COMBINED TAKEOFF SUMMARY!145	Stair Waterproofing Manufacturer (MFR):	311	SF	Yes	Ladder/stair product price not found
25	COMBINED TAKEOFF SUMMARY!148	Water-Based VOC-Free Protective Sealer Applied To All	73820	SF	Yes	Waterproofing product price not found or coverage not stated
26	COMBINED TAKEOFF SUMMARY!154	"The Lok-Down Terra Stand Base Is Bonded Directly To	376	EA	Yes	Adhesive product/coverage not priced
27	COMBINED TAKEOFF SUMMARY!157	Monolithic	245	SF	Yes	Waterproofing product price not found or coverage not stated

28	COMBINED TAKEOFF SUMMARY!158	Hydroflex Rbii	247	SF	Yes	Waterproofing product price not found or coverage not stated
29	COMBINED TAKEOFF SUMMARY!162	The Floor Of The A/C Attic Chamber	252	SF	Yes	Waterproofing product price not found or coverage not stated
30	COMBINED TAKEOFF SUMMARY!163	The Floor Finished With A Nonskid	419	SF	Yes	Waterproofing product price not found or coverage not stated
31	COMBINED TAKEOFF SUMMARY!166	The Wall To Be	400	SF	Yes	Waterproofing product price not found or coverage not stated
32	COMBINED TAKEOFF SUMMARY!169	Doors Trim	334	LF	Yes	Trim detail not specified
33	COMBINED TAKEOFF SUMMARY!172	Windows Trim	1540	LF	Yes	Trim detail not specified
34	COMBINED TAKEOFF SUMMARY!177	Waterproofing For Footing Manufacturer: Grace	27118	SF	Yes	Waterproofing product price not found or coverage not stated
35	COMBINED TAKEOFF SUMMARY!180	Waterproofing For Stem Wall Manufacturer: Grace	7135	SF	Yes	Waterproofing product price not found or coverage not stated
36	COMBINED TAKEOFF SUMMARY!186	Waterproofing For Mat Footing Manufacturer:	548	SF	Yes	Waterproofing product price not found or coverage not stated
37	COMBINED TAKEOFF SUMMARY!189	Stair Waterproofing Manufacturer (MFR):	311	SF	Yes	Ladder/stair product price not found
38	CLUSTER 1!34	(4" Wide) Soprema Alsan Membrane	412	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
39	CLUSTER 1!41	Soprema Alsan RS 230 Flash w/ Alsan	412	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
40	CLUSTER 1!44	Roof Curb For	115	LF	Yes	Fabricated curb price not found
41	CLUSTER 1!47	Roof Drain Strainer/	10	EA	Yes	Drain model/size not specified
42	CLUSTER 1!56	Gargoyle Scupper	2	EA	Yes	Accessory price not found
43	CLUSTER 1!74	Waterproofing For Footing Manufacturer:	3815.7	SF	Yes	Waterproofing product price not found or coverage not stated
44	CLUSTER 1!77	Waterproofing For Stem Wall Manufacturer:	894.6	SF	Yes	Waterproofing product price not found or coverage not stated
45	CLUSTER 1!80	Waterproofing For Slab On Grade Manufacturer:	3000.9	SF	Yes	Waterproofing product price not found or coverage not stated
46	CLUSTER 1!83	Water-Based VOC-Free Protective Sealer Applied To All	11632	SF	Yes	Waterproofing product price not found or coverage not stated
47	CLUSTER 1!86	Monolithic	86	SF	Yes	Waterproofing product price not found or coverage not stated
48	CLUSTER 1!87	Hydroflex Rbii	121	SF	Yes	Waterproofing product price not found or coverage not stated
49	CLUSTER 1!91	Doors Trim	38	LF	Yes	Trim detail not specified
50	CLUSTER 1!94	Windows Trim	291	LF	Yes	Trim detail not specified
51	CLUSTER 1!100	Waterproofing For Footing Manufacturer: Grace	3815.7	SF	Yes	Waterproofing product price not found or coverage not stated
52	CLUSTER 1!103	Waterproofing For Stem Wall Manufacturer: Grace	894.6	SF	Yes	Waterproofing product price not found or coverage not stated
53	CLUSTER 2!34	(4" Wide) Soprema Alsan Membrane	450	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
54	CLUSTER 2!41	Soprema Alsan RS 230 Flash w/ Alsan	450	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
55	CLUSTER 2!44	Roof Curb For	120	LF	Yes	Fabricated curb price not found
56	CLUSTER 2!47	Roof Drain Strainer/	9	EA	Yes	Drain model/size not specified
57	CLUSTER 2!56	Gargoyle Scupper	2	EA	Yes	Accessory price not found
58	CLUSTER 2!59	(42" H) Aluminum	10	LF	Yes	42 in aluminum railing price not found
59	CLUSTER 2!62	(11'-3" H x 20" W) Ship Ladder w/	1	EA	Yes	Ladder/stair product price not found
60	CLUSTER 2!65	(3' H x 2' W) Aluminum Lapetre	1	LOC	Yes	Ladder/stair product price not found
61	CLUSTER 2!86	Waterproofing For Footing Manufacturer:	3213	SF	Yes	Waterproofing product price not found or coverage not stated

62	CLUSTER 2!89	Waterproofing For Stem Wall Manufacturer:	1290.45	SF	Yes	Waterproofing product price not found or coverage not stated
63	CLUSTER 2!92	Waterproofing For Slab On Grade Manufacturer:	3815.7	Sf	Yes	Waterproofing product price not found or coverage not stated
64	CLUSTER 2!95	Water-Based VOC-Free Protective Sealer Applied To All	12088	SF	Yes	Waterproofing product price not found or coverage not stated
65	CLUSTER 2!98	Monolithic	70	SF	Yes	Waterproofing product price not found or coverage not stated
66	CLUSTER 2!99	Hydroflex Rbii	47	SF	Yes	Waterproofing product price not found or coverage not stated
67	CLUSTER 2!103	Doors Trim	22	LF	Yes	Trim detail not specified
68	CLUSTER 2!106	Windows Trim	299	LF	Yes	Trim detail not specified
69	CLUSTER 2!111	Waterproofing For Footing Manufacturer: Grace	3213	SF	Yes	Waterproofing product price not found or coverage not stated
70	CLUSTER 2!114	Waterproofing For Stem Wall Manufacturer: Grace	1290.45	SF	Yes	Waterproofing product price not found or coverage not stated
71	CLUSTER 3!34	(4" Wide) Soprema Alsan Membrane	451	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
72	CLUSTER 3!41	Soprema Alsan RS 230 Flash w/ Alsan	451	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
73	CLUSTER 3!44	Roof Curb For	85	LF	Yes	Fabricated curb price not found
74	CLUSTER 3!47	Roof Drain Strainer/	9	EA	Yes	Drain model/size not specified
75	CLUSTER 3!56	Gargoyle Scupper	3	EA	Yes	Accessory price not found
76	CLUSTER 3!74	Waterproofing For Footing Manufacturer:	3680.25	SF	Yes	Waterproofing product price not found or coverage not stated
77	CLUSTER 3!77	Waterproofing For Stem Wall Manufacturer:	1005.9	SF	Yes	Waterproofing product price not found or coverage not stated
78	CLUSTER 3!80	Waterproofing For Slab On Grade Manufacturer:	3406.2	SF	Yes	Waterproofing product price not found or coverage not stated
79	CLUSTER 3!83	Water-Based VOC-Free Protective Sealer Applied To All	10641	SF	Yes	Waterproofing product price not found or coverage not stated
80	CLUSTER 3!86	Monolithic	61	SF	Yes	Waterproofing product price not found or coverage not stated
81	CLUSTER 3!87	Hydroflex Rbii	41	SF	Yes	Waterproofing product price not found or coverage not stated
82	CLUSTER 3!91	Doors Trim	56	LF	Yes	Trim detail not specified
83	CLUSTER 3!94	Windows Trim	259	LF	Yes	Trim detail not specified
84	CLUSTER 3!99	Waterproofing For Footing Manufacturer: Grace	3680.25	SF	Yes	Waterproofing product price not found or coverage not stated
85	CLUSTER 3!102	Waterproofing For Stem Wall Manufacturer: Grace	1005.9	SF	Yes	Waterproofing product price not found or coverage not stated
86	CLUSTER 4!34	(4" Wide) Soprema Alsan Membrane	215	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
87	CLUSTER 4!39	Soprema Alsan RS 230 Flash w/ Alsan	215	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
88	CLUSTER 4!42	Roof Drain Strainer/	12	EA	Yes	Drain model/size not specified
89	CLUSTER 4!46	Gargoyle Scupper	1	EA	Yes	Accessory price not found
90	CLUSTER 4!49	(8'-0" H x 20" W) Ship Ladder w/	1	EA	Yes	Ladder/stair product price not found
91	CLUSTER 4!63	(10" H) Galvanized	35	LF	Yes	Fabricated curb price not found
92	CLUSTER 4!67	Waterproofing For Footing Manufacturer:	2387.7	SF	Yes	Waterproofing product price not found or coverage not stated
93	CLUSTER 4!70	Waterproofing For Stem Wall Manufacturer:	745.5	SF	Yes	Waterproofing product price not found or coverage not stated

94	CLUSTER 4!73	Waterproofing For Slab On Grade Manufacturer:	3033.45	SF	Yes	Waterproofing product price not found or coverage not stated
95	CLUSTER 4!76	Water-Based VOC-Free Protective Sealer Applied To All	8514	SF	Yes	Waterproofing product price not found or coverage not stated
96	CLUSTER 4!79	Doors Trim	41	LF	Yes	Trim detail not specified
97	CLUSTER 4!82	Windows Trim	52	LF	Yes	Trim detail not specified
98	CLUSTER 4!87	Waterproofing For Footing Manufacturer: Grace	2387.7	SF	Yes	Waterproofing product price not found or coverage not stated
99	CLUSTER 4!90	Waterproofing For Stem Wall Manufacturer: Grace	745.5	SF	Yes	Waterproofing product price not found or coverage not stated
100	CLUSTER 5!33	4" Wide Soprema Alsan Membrane	319	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
101	CLUSTER 5!36	Soprema Alsan Rs 230 Flash W/ Alsan	319	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
102	CLUSTER 5!56	4" Wide Soprema Alsan Membrane	85.8	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
103	CLUSTER 5!59	Soprema Alsan Rs 230 Flash W/ Alsan	85.8	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
104	CLUSTER 5!63	Roof Curb For	7.7	EA	Yes	Fabricated curb price not found
105	CLUSTER 5!79	4" Wide Soprema Alsan Membrane	24.2	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
106	CLUSTER 5!82	Soprema Alsan Rs 230 Flash W/ Alsan	24.2	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
107	CLUSTER 5!87	(10" Dia) Exhaust	1.1	EA	Yes	Accessory price not found
108	CLUSTER 5!90	Roof Curb For	7.7	EA	Yes	Fabricated curb price not found
109	CLUSTER 5!94	Water-Based VOC-Free Protective Sealer Applied To All	10177.2	SF	Yes	Waterproofing product price not found or coverage not stated
110	CLUSTER 5!100	The Lok-Down Terra Stand Base Is Bonded Directly To	383.9	EA	Yes	Adhesive product/coverage not priced
111	CLUSTER 5!103	Windows Trim	157.3	LF	Yes	Trim detail not specified
112	CLUSTER 5!106	Waterproofing For Footing Manufacturer:	3467	SF	Yes	Waterproofing product price not found or coverage not stated
113	CLUSTER 5!109	Waterproofing For Mat Footing Manufacturer:	548.1	SF	Yes	Waterproofing product price not found or coverage not stated
114	CLUSTER 5!112	Waterproofing For Stem Wall Manufacturer:	752.85	SF	Yes	Waterproofing product price not found or coverage not stated
115	CLUSTER 5!115	Waterproofing For Slab On Grade Manufacturer:	3250.8	SF	Yes	Waterproofing product price not found or coverage not stated
116	CLUSTER 5!118	Stair Waterproofing For Stair	142	SF	Yes	Ladder/stair product price not found
117	CLUSTER 5!123	Waterproofing For Footing Manufacturer: Grace	3467	SF	Yes	Waterproofing product price not found or coverage not stated
118	CLUSTER 5!126	Waterproofing For Mat Footing Manufacturer:	548.1	SF	Yes	Waterproofing product price not found or coverage not stated
119	CLUSTER 5!129	Waterproofing For Stem Wall Manufacturer: Grace	752.85	SF	Yes	Waterproofing product price not found or coverage not stated
120	CLUSTER 5!135	Stair Waterproofing For Stair	142	SF	Yes	Ladder/stair product price not found
121	CLUSTER 6!34	4" Wide Soprema Alsan Membrane	558.8	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
122	CLUSTER 6!37	Soprema Alsan Rs 230 Flash W/ Alsan	558.8	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed

123	CLUSTER 6!43	Gargoyle Scupper	7.7	EA	Yes	Accessory price not found
124	CLUSTER 6!56	4" Wide Soprema Alsan Membrane	159.5	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
125	CLUSTER 6!72	4" Wide Soprema Alsan Membrane	35.2	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
126	CLUSTER 6!75	Roof Curb For	20.9	LF	Yes	Fabricated curb price not found
127	CLUSTER 6!79	Soprema Alsan Rs 230 Flash W/ Alsan	194.7	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
128	CLUSTER 6!89	Water-Based VOC-Free Protective Sealer Applied To All	12578.5	SF	Yes	Waterproofing product price not found or coverage not stated
129	CLUSTER 6!92	Monolithic	30.8	SF	Yes	Waterproofing product price not found or coverage not stated
130	CLUSTER 6!93	Hydroflex Rbii	41.8	SF	Yes	Waterproofing product price not found or coverage not stated
131	CLUSTER 6!97	The Floor Of The A/C Attic Chamber	160.6	SF	Yes	Waterproofing product price not found or coverage not stated
132	CLUSTER 6!100	Windows Trim	317.9	LF	Yes	Trim detail not specified
133	CLUSTER 6!101	Door Trim	41.8	LF	Yes	Trim detail not specified
134	CLUSTER 6!105	Waterproofing For Footing Manufacturer:	3845	SF	Yes	Waterproofing product price not found or coverage not stated
135	CLUSTER 6!108	Waterproofing For Stem Wall Manufacturer:	763.35	SF	Yes	Waterproofing product price not found or coverage not stated
136	CLUSTER 6!111	Waterproofing For Slab On Grade Manufacturer:	2972.55	SF	Yes	Waterproofing product price not found or coverage not stated
137	CLUSTER 6!116	Waterproofing For Footing Manufacturer: Grace	3845	SF	Yes	Waterproofing product price not found or coverage not stated
138	CLUSTER 6!119	Waterproofing For Stem Wall Manufacturer: Grace	763.35	SF	Yes	Waterproofing product price not found or coverage not stated
139	CLUSTER 7!34	4" Wide Soprema Alsan Membrane	687.5	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
140	CLUSTER 7!38	Soprema Alsan Rs 230 Flash W/ Alsan	687.5	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
141	CLUSTER 7!43	(1'-0" Dia) Roof	12.1	EA	Yes	Drain model/size not specified
142	CLUSTER 7!50	24" Wide Heavy-Duty Tubular Rail Aluminum Access	1.1	EA	Yes	Ladder/stair product price not found
143	CLUSTER 7!61	4" Wide Soprema Alsan Membrane	294.8	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
144	CLUSTER 7!64	Roof Curb For	14.3	LF	Yes	Fabricated curb price not found
145	CLUSTER 7!65	Roof Curb For Hvac	41.8	LF	Yes	Fabricated curb price not found
146	CLUSTER 7!68	Soprema Alsan Rs 230 Flash W/ Alsan	294.8	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
147	CLUSTER 7!73	(1'-0" Dia) Roof	2.2	EA	Yes	Drain model/size not specified
148	CLUSTER 7!89	4" Wide Soprema Alsan Membrane	127.6	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
149	CLUSTER 7!92	Soprema Alsan Rs 230 Flash W/ Alsan	127.6	LF	Yes	Soprema Alsan RS liquid flashing: pack size not shown, unit cost cannot be computed
150	CLUSTER 7!104	Water-Based VOC-Free Protective Sealer Applied To All	11283.8	SF	Yes	Waterproofing product price not found or coverage not stated
151	CLUSTER 7!107	The Floor Of The A/C Attic Chamber	116.6	SF	Yes	Waterproofing product price not found or coverage not stated
152	CLUSTER 7!113	The Lok-Down Terra Stand Base Is Bonded Directly To	29.7	EA	Yes	Adhesive product/coverage not priced
153	CLUSTER 7!116	The Floor Finished With A Nonskid	460.9	SF	Yes	Waterproofing product price not found or coverage not stated
154	CLUSTER 7!117	The Wall To Be	440	SF	Yes	Waterproofing product price not found or coverage not stated
155	CLUSTER 7!120	Windows Trim	228.8	LF	Yes	Trim detail not specified
156	CLUSTER 7!121	Door Trim	152.9	LF	Yes	Trim detail not specified

157	CLUSTER 7!124	Waterproofing For Footing Manufacturer:	6709	SF	Yes	Waterproofing product price not found or coverage not stated
158	CLUSTER 7!127	Waterproofing For Stem Wall Manufacturer:	1682.1	SF	Yes	Waterproofing product price not found or coverage not stated
159	CLUSTER 7!130	Waterproofing For Slab On Grade Manufacturer:	5777.1	SF	Yes	Waterproofing product price not found or coverage not stated
160	CLUSTER 7!133	Stair Waterproofing For Stair	169.05	SF	Yes	Ladder/stair product price not found
161	CLUSTER 7!138	Waterproofing For Footing Manufacturer: Grace	6709	SF	Yes	Waterproofing product price not found or coverage not stated
162	CLUSTER 7!141	Waterproofing For Stem Wall Manufacturer: Grace	1682.1	SF	Yes	Waterproofing product price not found or coverage not stated
163	CLUSTER 7!147	Stair Waterproofing For Stair	169.05	SF	Yes	Ladder/stair product price not found

8. ALLOWANCES

#	Item	Qty / unit	Allowance $	Basis	Included	Excluded	Why exact pricing cannot be set

9. TAKEOFF DISCREPANCIES (PRICED AS RECEIVED)

#	Issue	Takeoff	Expected /	Reference	Priced as	Exposure	Detail
1	Cluster sheets and combined sheet do not tie	Sum of 7 clusters: direct cost $537,997	Combined sheet: direct cost $519,981 (-$18,016, -3.3%)	CLUSTER 1-7 vs COMBINED TAKEOFF	Bid total follows the template: combined sheet (E280)	Up to about +$24,000 after tax, burden, OH&P if the	Most differences are naming only, but some items exist on one side only (e.g. stair waterproofing 311 SF only in clusters). Reconcile quantities before bidding.
2	TPO XR 100 / XR 115 membrane over non-insulated concrete	Several SF lines	Product price not found	Roof covering lines	NEED QUOTATION	Moderate	

10. MISSING / ADDITIONAL SCOPE

#	Scope item	Reference	Carried?	Carried $	Exposure range	Notes
1	Vendor-quote items (NEED QUOTATION lines)	Section 7	Labor only	$0	quotes required	
2	Hoisting, fall protection, manufacturer warranty fees	Practice	No	$0	not quantified	No published rates found
3	Electrical gear, scheduled fixtures, special devices (NEED QUOTATION lines)	Section 7	Labor only	$0	quotes required	Largest open cost
4	Pull boxes, straps, supports, fittings beyond couplings/connectors, wire connectors, labels	Practice	No	$0	2% to 4% of material	

11. KEY ASSUMPTIONS

- Material at published distributor web prices; no trade discount.
- Normal working hours.
- Labor production rates are FEDES estimator judgment (section 18).

12. EXCLUSIONS

- Items on NEED QUOTATION lines until quotes are added.
- Overtime / shift work.
- Utility company charges.

13. DOLLAR EXPOSURE / RISK ITEMS

#	Risk	Reason	Carried	Low impact	High impact	Rating	Notes
1	FL roofing workers comp not included	Rate not found	0%	$15,000	$60,000	CRITICAL	
2	Waterproofing systems NEED QUOTATION	No published prices	labor only	$60,000	$200,000	HIGH	
3	Cluster sheets vs combined sheet	Two parallel pricing	combined used	$0	$0	MODERATE	See section 9
4	No drawings	Quantities	as received	-$20,000	$30,000	HIGH	

14. TAKEOFF-TO-ESTIMATE RECONCILIATION

#	Sheet / division	Takeoff lines	Priced	Need quotation	Material $	Labor $	Notes

1	COMBINED TAKEOFF SUMMARY DIV-01	6	0	0	$0.00	$0.00	
2	COMBINED TAKEOFF SUMMARY DIV-07	74	74	37	$299,413.68	$220,567.78	
3	CLUSTER 1 DIV-01	6	0	0	$0.00	$0.00	
4	CLUSTER 1 DIV-07	36	36	15	$43,065.43	$15,758.28	
5	CLUSTER 2 DIV-01	6	0	0	$0.00	$0.00	
6	CLUSTER 2 DIV-07	40	40	18	$54,350.80	$17,945.02	
7	CLUSTER 3 DIV-01	6	0	0	$0.00	$0.00	
8	CLUSTER 3 DIV-07	36	36	15	$40,250.85	$15,710.76	
9	CLUSTER 4 DIV-01	6	0	0	$0.00	$0.00	
10	CLUSTER 4 DIV-07	28	28	14	$23,731.05	$11,491.87	
11	CLUSTER 5 DIV-01	6	0	0	$0.00	$0.00	
12	CLUSTER 5 DIV-07	43	43	21	$49,392.06	$63,870.55	
13	CLUSTER 6 DIV-01	6	0	0	$0.00	$0.00	
14	CLUSTER 6 DIV-07	41	41	18	$35,337.54	$16,303.28	
15	CLUSTER 7 DIV-01	6	0	0	$0.00	$0.00	
16	CLUSTER 7 DIV-07	53	53	25	$66,580.53	$84,208.76	

Every takeoff line is carried at its takeoff quantity, unit and division. No quantity, unit, description or formula was changed. Div-01 template quantities were entered only where a cost is carried (section 6).

15. MATHEMATICAL QA AND TEMPLATE FORMULA ISSUES

Independent calculation: every line recomputed in Python as qty x (1 + waste) x unit rate, then the template's own summary formulas evaluated against those independent line values. Result 568,847.68. Workbook after full LibreOffice recalculation: see section 1 variance column (live).

#	Issue (formula not modified)	Cells	Dollar impact now
1	Company logo is an Excel 365 in-cell picture	logo cells (A2 on detail sheets, one	$0

Detail
Shows as #VALUE in older Excel, LibreOffice and some previewers. Preserved exactly as in the original.

16. DEVIL'S ADVOCATE REVIEW

#	Area	Challenge and
1	Materials	Published web prices without trade discount. A real supplier quote will move material +/- 15%.
2	Labor	Unit hours are judgment; a published-manual estimate may differ by +/- 20%.

17. EXTERNAL SOURCES (all accessed 2026-10-08 unless noted)

Ref	Source	Used for	Data / effective	URL
W1	O*NET Local Wages (BLS OEWS 2025), Florida	Wages	2025	https://www.onetonline.org/link/localwages/47-2181.00?st=FL
T1	FL DOR reemployment; Federal Register FUTA	Burden	2026	research files
T2	FL DOR DR-15DSS 2026	Surtax	2026	https://floridarevenue.com/Forms_library/current/dr15dss_26.pdf
R1	superarbor.io, K&M Sheet Metal, absupply.net, relyonpdi.com, zoro.com, greatmats.com, JM and GAF data sheets (part 1)	Roofing material prices	seen 2026-10-08	research file roofing_prices.md
R2	superarbor.io product feeds, Zoro, K&M, Home Depot and other listings (part 2)	Roofing, waterproofing, sheet	seen 2026-10-08	research file roofing_prices_2.md

Hallucination control: a separate reviewer re-opened a 42-item sample of these source pages (prices, wage rates, tax rates, unemployment and WC rates) and confirmed all 42 against the live pages on 2026-10-08.

18. LINE PRICING BASIS (EVERY LINE)

Row	Description	Qty w/ waste	Unit hrs	Unit material	Ext. material	Ext. labor	Basis / source ref / flag
COMB	Permit (.07% of project value) [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
COMB	Site development [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
COMB	Variance [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
COMB	Private inspections [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
COMB	Debris haul off [load]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
COMB	Site plan [Fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
COMBINED	Ultra Ply TPO Membrane Fully Adhered [SF]	21592	0.01	$0.78	$16,841.76	$6,287.59	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
COMBINED	Ultra Ply Bonding Adhesive [SF]	19748	0.003	$0.51	$10,071.48	$1,725.19	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
COMBINED TAKE	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 inches o.c. (on center).Traxx 1 Fasteners: Spaced 12 [SF]	19748	0.012	$1.06	$20,932.88	$6,900.74	19/32 in structural sheathing $33.87/32 SF [R2]; Traxx fasteners not priced; 0.012 MH/SF
COMBINED	Rigid Insulation (R-30) [SF]	19748	0.008	$3.90	$77,017.20	$4,600.49	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
COMB	Tapered Cricket Insulation [SF]	19604	0.015	$1.23	$24,112.92	$8,563.03	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF

COMB	(4" Wide) Soprema Alsan Membrane [LF]	2884	0.05	NEED QUOTE	$0.00	$4,199.10	0.050 MH/LF
COMB INED TAKE	Flashing For Roof Drain [LF]	206	0.06	$3.85	$793.10	$359.92	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB INED TAKE	Flashing For Gravity Vent [LF]	432	0.06	$3.85	$1,663.20	$754.79	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB INED TAKE	Flashing For Roof Wall Drain [EA]	17	0.06	$3.85	$65.45	$29.70	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB INED TAKE	(8"W x 5" H) Opening Flashing [EA]	3	0.06	$3.85	$11.55	$5.24	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB INED TAKE	Flashing For Mech. Units [LF]	38	0.06	$3.85	$146.30	$66.39	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB INED	Soprema Alsan RS 230 Flash w/ Alsan RS Fleece 3" Above 2-PLY SBS Membrane [LF]	2739	0.05	NEED QUOTE	$0.00	$3,987.98	0.050 MH/LF
COMB	Roof Curb For Gravity Vent [LF]	327	0.15	NEED QUOTE	$0.00	$1,428.34	0.15 MH/LF (per EA: 3 MH)
COMB	Roof Drain Strainer/ Dome [EA]	54	2	NEED QUOTE	$0.00	$3,144.96	2.0 MH
COMB	R.W.L Discharge Model Z199 By Zurn [EA]	20	1.5	$734.99	$14,699.80	$873.60	Zurn ZARB199-3NH nozzle $734.99 [R2]; 1.5 MH
COMB	Roof Drain Scupper By Zurn Model # 189 [EA]	20	2	$1,022.59	$20,451.80	$1,164.80	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
COMB INED	Emergency Overflow Scupper Drain By Zurn Model # 189 [EA]	23	2	$1,022.59	$23,519.57	$1,339.52	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
COMB INED	Concrete Splash Block [EA]	24	0.25	$20.67	$496.08	$174.72	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
COMB	Gargoyle Scupper [EA]	15	1	NEED QUOTE	$0.00	$436.80	1.0 MH
COMB INED TAKE	24" Wide Heavy-Duty Tubular Rail Aluminum Access Ladder With Safety Door (9'-4" H) MFR: O'Keeffe's, Inc. Model [EA]	1	6	NEED QUOTE	$0.00	$174.72	6.0 MH
COMB	(42" H) Aluminum Railing w/ Post [LF]	10	0.25	NEED QUOTE	$0.00	$72.80	0.25 MH/LF
COMB INED	(11'-3" H x 20" W) Ship Ladder w/ Safety Post [EA]	1	6	NEED QUOTE	$0.00	$174.72	6.0 MH
COMB INED	(8'-0" H x 20" W) Ship Ladder w/ Safety Post [EA]	1	6	NEED QUOTE	$0.00	$174.72	6.0 MH
COMB INED	(3' H x 2' W) Aluminum Lapetre Stair (3 Step) [LOC]	1	6	NEED QUOTE	$0.00	$174.72	6.0 MH
COMB INED	Aluminum Bar Grating Deck & Landing [SF]	64	0.1	$62.00	$3,968.00	$186.37	Aluminum bar grating 24x36 $371.99 = $62/SF (small panel price) [R2]; 0.10 MH/SF
COMB INED	Ultra Ply TPO Membrane Fully Adhered [SF]	4746	0.01	$0.78	$3,701.88	$1,382.04	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
COMB INED	Ultra Ply Bonding Adhesive [SF]	4294	0.003	$0.51	$2,189.94	$375.12	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
COMB INED	Rigid Insulation (R-30) [SF]	4294	0.008	$3.90	$16,746.60	$1,000.33	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
COMB	Tapered Cricket Insulation [SF]	822	0.015	$1.23	$1,011.06	$359.05	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
COMB	4" Wide Soprema Alsan Membrane [LF]	674	0.05	NEED QUOTE	$0.00	$981.34	0.050 MH/LF
COMB INED TAKE	Galvanized Metal Flashing For Curb [LF]	35	0.06	$3.85	$134.75	$61.15	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB INED	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane [LF]	674	0.05	NEED QUOTE	$0.00	$981.34	0.050 MH/LF
COMB INED TAKE	Flashing For Roof Wall Drain [EA]	30	0.06	$3.85	$115.50	$52.42	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB INED TAKE	Flashing For Roof Drain [LF]	22	0.06	$3.85	$84.70	$38.44	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB INED TAKE	Flashing For Gravity Vent [LF]	13	0.06	$3.85	$50.05	$22.71	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB	(10" H) Galvanized Steel Curb [LF]	35	0.15	NEED QUOTE	$0.00	$152.88	0.15 MH/LF (per EA: 3 MH)
COMB	Roof Curb For Gravity Vent [LF]	13	0.15	NEED QUOTE	$0.00	$56.78	0.15 MH/LF (per EA: 3 MH)
COMB	Roof Curb For Hvac [LF]	38	0.15	NEED QUOTE	$0.00	$165.98	0.15 MH/LF (per EA: 3 MH)
COMB	Scupper Drain MFR: Zurn Model #: 189 [EA]	22	2	$1,022.59	$22,496.98	$1,281.28	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH

COMB	(1'-0" Dia) Roof Drain (Concrete Deck) [EA]	2	2	NEED QUOTE	$0.00	$116.48	2.0 MH
COMB INED	Concrete Splash Block [EA]	22	0.25	$20.67	$454.74	$160.16	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
COMB INED TAKE	Ultra Ply TPO Membrane XR 100 Or Ultra Ply TPO XR 115 Adhered To The Vapor Retarder With XR Stick Membrane Adh [SF]	356	0.003	$0.51	$181.56	$31.10	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
COMB INED	Vapor Barrier (One Ply SBS Base Fully Adhered) [SF]	281	0.008	$0.68	$191.08	$65.46	Soprema SBS base sheet, low end of $0.68-$1.16/SF listings [R2]; 0.008 MH/SF
COMB	Tapered Cricket Insulation [SF]	37	0.015	$1.23	$45.51	$16.16	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
COMB	4" Wide Soprema Alsan Membrane [LF]	54	0.05	NEED QUOTE	$0.00	$78.62	0.050 MH/LF
COMB INED TAKE	Flashing For Roof Drain [LF]	6	0.06	$3.85	$23.10	$10.48	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB INED	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane [LF]	199	0.05	NEED QUOTE	$0.00	$289.74	0.050 MH/LF
COMB INED TAKE	Flashing For Roof Wall Drain [EA]	2	0.06	$3.85	$7.70	$3.49	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB INED TAKE	Flashing For Gravity Vent [LF]	26	0.06	$3.85	$100.10	$45.43	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB	Roof Curb For Gravity Vent [LF]	26	0.15	NEED QUOTE	$0.00	$113.57	0.15 MH/LF (per EA: 3 MH)
COMB	Roof Drain Scupper By Zurn Model # 189 [EA]	8	2	$1,022.59	$8,180.72	$465.92	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
COMB	R.W.L Discharge Model Z199 By Zurn [EA]	6	1.5	$734.99	$4,409.94	$262.08	Zurn ZARB199-3NH nozzle $734.99 [R2]; 1.5 MH
COMB INED	Concrete Splash Block [EA]	5	0.25	$20.67	$103.35	$36.40	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
COMB INED TAKE	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	27118	0.01	NEED QUOTE	$0.00	$7,896.76	0.010 MH/SF
COMB INED TAKE	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	7135	0.01	NEED QUOTE	$0.00	$2,077.71	0.010 MH/SF
COMB INED TAKE	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil) [SF]	25257	0.01	NEED QUOTE	$0.00	$7,354.84	0.010 MH/SF
COMB INED TAKE	Waterproofing For Mat Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	548	0.01	NEED QUOTE	$0.00	$159.58	0.010 MH/SF
COMB INED	Stair Waterproofing Manufacturer (MFR): BASF Model No.: MasterKure CC 300 SB [SF]	311	6	NEED QUOTE	$0.00	$54,337.92	6.0 MH
COMB INED TAKE	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Prot [SF]	73820	0.01	NEED QUOTE	$0.00	$21,496.38	0.010 MH/SF
COMB INED TAKE	Roofing System To Contain A Conc. Deck Primed With Elastocol 500 Followed With A Base & Cap Sheet Of Sbs-Taf – [SF]	3266	0.008	$3.90	$12,737.40	$760.85	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
COMB INED TAKE	"The Lok-Down Terra Stand Base Is Bonded Directly To The Top Surface Of The Waterproofing System Using Millenn [EA]	376	0.003	NEED QUOTE	$0.00	$32.85	Applied with membrane
COMB	Monolithic Membrane 6125 (180 Mils) [SF]	245	0.01	NEED QUOTE	$0.00	$71.34	0.010 MH/SF
COMB	Hydroflex Rbii [SF]	247	0.01	NEED QUOTE	$0.00	$71.93	0.010 MH/SF
COMB INED TAKE	Metal Counter Flashing [LF]	141	0.06	$3.85	$542.85	$246.36	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
COMB INED TAKE	The Floor Of The A/C Attic Chamber To Be Coated Product - Hy - Tech Insulating Paint 110 [SF]	252	0.01	NEED QUOTE	$0.00	$73.38	0.010 MH/SF
COMB INED	The Floor Finished With A Nonskid Water Proofing Traffic Coating System [SF]	419	0.01	NEED QUOTE	$0.00	$122.01	0.010 MH/SF
COMB INED	The Wall To Be Coated With An Epoxy Paint [SF]	400	0.01	NEED QUOTE	$0.00	$116.48	0.010 MH/SF
COMB	Doors Trim [LF]	334	0.05	NEED QUOTE	$0.00	$486.30	0.050 MH/LF
COMB	Windows Trim [LF]	1540	0.05	NEED QUOTE	$0.00	$2,242.24	0.050 MH/LF

COMBINED TAKE	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE MembraneSystem [SF]	27118	0.01	NEED QUOTE	$0.00	$7,896.76	0.010 MH/SF
COMBINED TAKE	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE MembraneSystem [SF]	7135	0.01	NEED QUOTE	$0.00	$2,077.71	0.010 MH/SF
COMBINED TAKE	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil [SF]	25257	0.004	$0.44	$11,113.08	$2,941.94	W.R. Meadows Perminator 15 mil, high end $0.36-$0.44/SF [R2]; 0.004 MH/SF
COMBINED TAKE	Waterproofing For Mat Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	548	0.01	NEED QUOTE	$0.00	$159.58	0.010 MH/SF
COMBINED	Stair Waterproofing Manufacturer (MFR): Euclid Model No.: SurfaceHard Sealer [SF]	311	6	NEED QUOTE	$0.00	$54,337.92	6.0 MH
CLUS	Permit (.07% of project value) [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site development [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Variance [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Private inspections [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Debris haul off [load]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site plan [Fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUSTER	Ultra Ply TPO Membrane Fully Adhered [SF]	3164	0.01	$0.78	$2,467.92	$921.36	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUSTER	Ultra Ply Bonding Adhesive [SF]	2813	0.003	$0.51	$1,434.63	$245.74	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER 1!27	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 inches o.c. (on center).Traxx 1 Fasteners: Spaced 12 [SF]	2813	0.012	$1.06	$2,981.78	$982.97	19/32 in structural sheathing $33.87/32 SF [R2]; Traxx fasteners not priced; 0.012 MH/SF
CLUSTER	Rigid Insulation (R-30) [SF]	2813	0.008	$3.90	$10,970.70	$655.32	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	2730	0.015	$1.23	$3,357.90	$1,192.46	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	(4" Wide) Soprema Alsan Membrane [LF]	412	0.05	NEED QUOTE	$0.00	$599.87	0.050 MH/LF
CLUSTER 1!37	Flashing For Roof Drain [LF]	33	0.06	$3.85	$127.05	$57.66	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 1!38	Flashing For Gravity Vent [LF]	115	0.06	$3.85	$442.75	$200.93	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 1!39	Flashing For Roof Wall Drain [EA]	2	0.06	$3.85	$7.70	$3.49	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 1!40	(8"W x 5" H) Opening Flashing [EA]	1	0.06	$3.85	$3.85	$1.75	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER	Soprema Alsan RS 230 Flash w/ Alsan RS Fleece 3" Above 2-PLY SBS Membrane [LF]	412	0.05	NEED QUOTE	$0.00	$599.87	0.050 MH/LF
CLUS	Roof Curb For Gravity Vent [LF]	115	0.15	NEED QUOTE	$0.00	$502.32	0.15 MH/LF (per EA: 3 MH)
CLUS	Roof Drain Strainer/ Dome [EA]	10	2	NEED QUOTE	$0.00	$582.40	2.0 MH
CLUS	R.W.L Discharge Model Z199 By Zurn [EA]	8	1.5	$734.99	$5,879.92	$349.44	Zurn ZARB199-3NH nozzle $734.99 [R2]; 1.5 MH
CLUS	Roof Drain Scupper By Zurn Model # 189 [EA]	8	2	$1,022.59	$8,180.72	$465.92	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUSTER	Emergency Overflow Scupper Drain By Zurn Model # 189 [EA]	2	2	$1,022.59	$2,045.18	$116.48	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUSTER	Concrete Splash Block [EA]	4	0.25	$20.67	$82.68	$29.12	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUS	Gargoyle Scupper [EA]	2	1	NEED QUOTE	$0.00	$58.24	1.0 MH
CLUSTER 1!59	Ultra Ply TPO Membrane XR 100 Or Ultra Ply TPO XR 115 Adhered To The Vapor Retarder With XR Stick Membrane Adh [SF]	70	0.003	$0.51	$35.70	$6.12	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER	Vapor Barrier (One Ply SBS Base Fully Adhered) [SF]	54	0.008	$0.68	$36.72	$12.58	Soprema SBS base sheet, low end of $0.68-$1.16/SF listings [R2]; 0.008 MH/SF
CLUSTER 1!63	Flashing For Roof Drain [LF]	2	0.06	$3.85	$7.70	$3.49	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	Roof Drain Scupper By Zurn Model # 189 [EA]	2	2	$1,022.59	$2,045.18	$116.48	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUS	R.W.L Discharge Model Z199 By Zurn [EA]	2	1.5	$734.99	$1,469.98	$87.36	Zurn ZARB199-3NH nozzle $734.99 [R2]; 1.5 MH

CLUSTER	Concrete Splash Block [EA]	1	0.25	$20.67	$20.67	$7.28	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUSTER 1!74	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	3815.7	0.01	NEED QUOTE	$0.00	$1,111.13	0.010 MH/SF
CLUSTER 1!77	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	894.6	0.01	NEED QUOTE	$0.00	$260.51	0.010 MH/SF
CLUSTER 1!80	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil) [SF]	3000.9	0.01	NEED QUOTE	$0.00	$873.86	0.010 MH/SF
CLUSTER 1!83	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Prot [SF]	11632	0.01	NEED QUOTE	$0.00	$3,387.24	0.010 MH/SF
CLUS	Monolithic Membrane 6125 (180 Mils) [SF]	86	0.01	NEED QUOTE	$0.00	$25.04	0.010 MH/SF
CLUS	Hydroflex Rbii [SF]	121	0.01	NEED QUOTE	$0.00	$35.24	0.010 MH/SF
CLUSTER 1!88	Metal Counter Flashing [LF]	38	0.06	$3.85	$146.30	$66.39	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	Doors Trim [LF]	38	0.05	NEED QUOTE	$0.00	$55.33	0.050 MH/LF
CLUS	Windows Trim [LF]	291	0.05	NEED QUOTE	$0.00	$423.70	0.050 MH/LF
CLUSTER 1!100	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	3815.7	0.01	NEED QUOTE	$0.00	$1,111.13	0.010 MH/SF
CLUSTER 1!103	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	894.6	0.01	NEED QUOTE	$0.00	$260.51	0.010 MH/SF
CLUSTER 1!106	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil [SF]	3000.9	0.004	$0.44	$1,320.40	$349.54	W.R. Meadows Perminator 15 mil, high end $0.36-$0.44/SF [R2]; 0.004 MH/SF
CLUS	Permit (.07% of project value) [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site development [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Variance [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Private inspections [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Debris haul off [load]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site plan [Fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUSTER	Ultra Ply TPO Membrane Fully Adhered [SF]	3961	0.01	$0.78	$3,089.58	$1,153.44	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUSTER	Ultra Ply Bonding Adhesive [SF]	3586	0.003	$0.51	$1,828.86	$313.27	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER 2!27	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 inches o.c. (on center).Traxx 1 Fasteners: Spaced 12 [SF]	3586	0.012	$1.06	$3,801.16	$1,253.09	19/32 in structural sheathing $33.87/32 SF [R2]; Traxx fasteners not priced; 0.012 MH/SF
CLUSTER	Rigid Insulation (R-30) [SF]	3586	0.008	$3.90	$13,985.40	$835.39	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	3585	0.015	$1.23	$4,409.55	$1,565.93	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	(4" Wide) Soprema Alsan Membrane [LF]	450	0.05	NEED QUOTE	$0.00	$655.20	0.050 MH/LF
CLUSTER 2!37	Flashing For Roof Drain [LF]	36	0.06	$3.85	$138.60	$62.90	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 2!38	Flashing For Gravity Vent [LF]	120	0.06	$3.85	$462.00	$209.66	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 2!39	Flashing For Roof Wall Drain [EA]	3	0.06	$3.85	$11.55	$5.24	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 2!40	(8"W x 5" H) Opening Flashing [EA]	1	0.06	$3.85	$3.85	$1.75	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER	Soprema Alsan RS 230 Flash w/ Alsan RS Fleece 3" Above 2-PLY SBS Membrane [LF]	450	0.05	NEED QUOTE	$0.00	$655.20	0.050 MH/LF
CLUS	Roof Curb For Gravity Vent [LF]	120	0.15	NEED QUOTE	$0.00	$524.16	0.15 MH/LF (per EA: 3 MH)
CLUS	Roof Drain Strainer/ Dome [EA]	9	2	NEED QUOTE	$0.00	$524.16	2.0 MH
CLUS	R.W.L Discharge Model Z199 By Zurn [EA]	8	1.5	$734.99	$5,879.92	$349.44	Zurn ZARB199-3NH nozzle $734.99 [R2]; 1.5 MH
CLUS	Roof Drain Scupper By Zurn Model # 189 [EA]	8	2	$1,022.59	$8,180.72	$465.92	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH

CLUSTER	Emergency Overflow Scupper Drain By Zurn Model # 189 [EA]	3	2	$1,022.59	$3,067.77	$174.72	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUSTER	Concrete Splash Block [EA]	4	0.25	$20.67	$82.68	$29.12	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUS	Gargoyle Scupper [EA]	2	1	NEED QUOTE	$0.00	$58.24	1.0 MH
CLUS	(42" H) Aluminum Railing w/ Post [LF]	10	0.25	NEED QUOTE	$0.00	$72.80	0.25 MH/LF
CLUSTER	(11'-3" H x 20" W) Ship Ladder w/ Safety Post [EA]	1	6	NEED QUOTE	$0.00	$174.72	6.0 MH
CLUSTER	(3' H x 2' W) Aluminum Lapetre Stair (3 Step) [LOC]	1	6	NEED QUOTE	$0.00	$174.72	6.0 MH
CLUSTER	Aluminum Bar Grating Deck & Landing [SF]	64	0.1	$62.00	$3,968.00	$186.37	Aluminum bar grating 24x36 $371.99 = $62/SF (small panel price) [R2]; 0.10 MH/SF
CLUSTER 2!71	Ultra Ply TPO Membrane XR 100 Or Ultra Ply TPO XR 115 Adhered To The Vapor Retarder With XR Stick Membrane Adh [SF]	70	0.003	$0.51	$35.70	$6.12	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER	Vapor Barrier (One Ply SBS Base Fully Adhered) [SF]	54	0.008	$0.68	$36.72	$12.58	Soprema SBS base sheet, low end of $0.68-$1.16/SF listings [R2]; 0.008 MH/SF
CLUSTER 2!75	Flashing For Roof Drain [LF]	2	0.06	$3.85	$7.70	$3.49	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	R.W.L Discharge Model Z199 By Zurn [EA]	2	1.5	$734.99	$1,469.98	$87.36	Zurn ZARB199-3NH nozzle $734.99 [R2]; 1.5 MH
CLUS	Roof Drain Scupper By Zurn Model # 189 [EA]	2	2	$1,022.59	$2,045.18	$116.48	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUSTER	Concrete Splash Block [EA]	1	0.25	$20.67	$20.67	$7.28	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUSTER 2!86	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	3213	0.01	NEED QUOTE	$0.00	$935.63	0.010 MH/SF
CLUSTER 2!89	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	1290.45	0.01	NEED QUOTE	$0.00	$375.78	0.010 MH/SF
CLUSTER 2!92	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil) [Sf]	3815.7	0.01	NEED QUOTE	$0.00	$1,111.13	0.010 MH/SF
CLUSTER 2!95	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Prot [SF]	12088	0.01	NEED QUOTE	$0.00	$3,520.03	0.010 MH/SF
CLUS	Monolithic Membrane 6125 (180 Mils) [SF]	70	0.01	NEED QUOTE	$0.00	$20.38	0.010 MH/SF
CLUS	Hydroflex Rbii [SF]	47	0.01	NEED QUOTE	$0.00	$13.69	0.010 MH/SF
CLUSTER 2!100	Metal Counter Flashing [LF]	38	0.06	$3.85	$146.30	$66.39	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	Doors Trim [LF]	22	0.05	NEED QUOTE	$0.00	$32.03	0.050 MH/LF
CLUS	Windows Trim [LF]	299	0.05	NEED QUOTE	$0.00	$435.34	0.050 MH/LF
CLUSTER 2!111	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	3213	0.01	NEED QUOTE	$0.00	$935.63	0.010 MH/SF
CLUSTER 2!114	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	1290.45	0.01	NEED QUOTE	$0.00	$375.78	0.010 MH/SF
CLUSTER 2!117	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil [SF]	3815.7	0.004	$0.44	$1,678.91	$444.45	W.R. Meadows Perminator 15 mil, high end $0.36-$0.44/SF [R2]; 0.004 MH/SF
CLUS	Permit (.07% of project value) [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site development [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Variance [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Private inspections [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Debris haul off [load]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site plan [Fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUSTER	Ultra Ply TPO Membrane Fully Adhered [SF]	3558	0.01	$0.78	$2,775.24	$1,036.09	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUSTER	Ultra Ply Bonding Adhesive [SF]	3227	0.003	$0.51	$1,645.77	$281.91	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER 3!27	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 inches o.c. (on center).Traxx 1 Fasteners: Spaced 12 [SF]	3227	0.012	$1.06	$3,420.62	$1,127.64	19/32 in structural sheathing $33.87/32 SF [R2]; Traxx fasteners not priced; 0.012 MH/SF

CLUSTER	Rigid Insulation (R-30) [SF]	3227	0.008	$3.90	$12,585.30	$751.76	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	3227	0.015	$1.23	$3,969.21	$1,409.55	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	(4" Wide) Soprema Alsan Membrane [LF]	451	0.05	NEED QUOTE	$0.00	$656.66	0.050 MH/LF
CLUSTER 3!37	Flashing For Roof Drain [LF]	33	0.06	$3.85	$127.05	$57.66	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 3!38	Flashing For Gravity Vent [LF]	86	0.06	$3.85	$331.10	$150.26	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 3!39	Flashing For Roof Wall Drain [EA]	3	0.06	$3.85	$11.55	$5.24	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 3!40	(8"W x 5" H) Opening Flashing [EA]	1	0.06	$3.85	$3.85	$1.75	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER	Soprema Alsan RS 230 Flash w/ Alsan RS Fleece 3" Above 2-PLY SBS Membrane [LF]	451	0.05	NEED QUOTE	$0.00	$656.66	0.050 MH/LF
CLUS	Roof Curb For Gravity Vent [LF]	85	0.15	NEED QUOTE	$0.00	$371.28	0.15 MH/LF (per EA: 3 MH)
CLUS	Roof Drain Strainer/ Dome [EA]	9	2	NEED QUOTE	$0.00	$524.16	2.0 MH
CLUS	R.W.L Discharge Model Z199 By Zurn [EA]	4	1.5	$734.99	$2,939.96	$174.72	Zurn ZARB199-3NH nozzle $734.99 [R2]; 1.5 MH
CLUS	Roof Drain Scupper By Zurn Model # 189 [EA]	4	2	$1,022.59	$4,090.36	$232.96	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUSTER	Emergency Overflow Scupper Drain By Zurn Model # 189 [EA]	3	2	$1,022.59	$3,067.77	$174.72	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUSTER	Concrete Splash Block [EA]	2	0.25	$20.67	$41.34	$14.56	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUS	Gargoyle Scupper [EA]	3	1	NEED QUOTE	$0.00	$87.36	1.0 MH
CLUSTER 3!59	Ultra Ply TPO Membrane XR 100 Or Ultra Ply TPO XR 115 Adhered To The Vapor Retarder With XR Stick Membrane Adh [SF]	70	0.003	$0.51	$35.70	$6.12	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER	Vapor Barrier (One Ply SBS Base Fully Adhered) [SF]	54	0.008	$0.68	$36.72	$12.58	Soprema SBS base sheet, low end of $0.68-$1.16/SF listings [R2]; 0.008 MH/SF
CLUSTER 3!63	Flashing For Roof Drain [LF]	2	0.06	$3.85	$7.70	$3.49	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	Roof Drain Scupper By Zurn Model # 189 [EA]	2	2	$1,022.59	$2,045.18	$116.48	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUS	R.W.L Discharge Model Z199 By Zurn [EA]	2	1.5	$734.99	$1,469.98	$87.36	Zurn ZARB199-3NH nozzle $734.99 [R2]; 1.5 MH
CLUSTER	Concrete Splash Block [EA]	1	0.25	$20.67	$20.67	$7.28	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUSTER 3!74	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	3680.25	0.01	NEED QUOTE	$0.00	$1,071.69	0.010 MH/SF
CLUSTER 3!77	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	1005.9	0.01	NEED QUOTE	$0.00	$292.92	0.010 MH/SF
CLUSTER 3!80	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil) [SF]	3406.2	0.01	NEED QUOTE	$0.00	$991.89	0.010 MH/SF
CLUSTER 3!83	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Prot [SF]	10641	0.01	NEED QUOTE	$0.00	$3,098.66	0.010 MH/SF
CLUS	Monolithic Membrane 6125 (180 Mils) [SF]	61	0.01	NEED QUOTE	$0.00	$17.76	0.010 MH/SF
CLUS	Hydroflex Rbii [SF]	41	0.01	NEED QUOTE	$0.00	$11.94	0.010 MH/SF
CLUSTER 3!88	Metal Counter Flashing [LF]	33	0.06	$3.85	$127.05	$57.66	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	Doors Trim [LF]	56	0.05	NEED QUOTE	$0.00	$81.54	0.050 MH/LF
CLUS	Windows Trim [LF]	259	0.05	NEED QUOTE	$0.00	$377.10	0.050 MH/LF
CLUSTER 3!99	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	3680.25	0.01	NEED QUOTE	$0.00	$1,071.69	0.010 MH/SF
CLUSTER 3!102	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	1005.9	0.01	NEED QUOTE	$0.00	$292.92	0.010 MH/SF

CLUSTER 3!105	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil [SF]	3406.2	0.004	$0.44	$1,498.73	$396.75	W.R. Meadows Perminator 15 mil, high end $0.36-$0.44/SF [R2]; 0.004 MH/SF
CLUS	Permit (.07% of project value) [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site development [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Variance [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Private inspections [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Debris haul off [load]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site plan [Fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUSTER	Ultra Ply TPO Membrane Fully Adhered [SF]	2796	0.01	$0.78	$2,180.88	$814.20	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUSTER	Ultra Ply Bonding Adhesive [SF]	2650	0.003	$0.51	$1,351.50	$231.50	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER 4!27	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 inches o.c. (on center).Traxx 1 Fasteners: Spaced 12 [SF]	2650	0.012	$1.06	$2,809.00	$926.02	19/32 in structural sheathing $33.87/32 SF [R2]; Traxx fasteners not priced; 0.012 MH/SF
CLUSTER	Rigid Insulation (R-30) [SF]	2650	0.008	$3.90	$10,335.00	$617.34	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	2642	0.015	$1.23	$3,249.66	$1,154.03	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	(4" Wide) Soprema Alsan Membrane [LF]	215	0.05	NEED QUOTE	$0.00	$313.04	0.050 MH/LF
CLUSTER 4!37	Flashing For Roof Drain [LF]	38	0.06	$3.85	$146.30	$66.39	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 4!38	Flashing For Roof Wall Drain [EA]	1	0.06	$3.85	$3.85	$1.75	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER	Soprema Alsan RS 230 Flash w/ Alsan RS Fleece 3" Above 2-PLY SBS Membrane [LF]	215	0.05	NEED QUOTE	$0.00	$313.04	0.050 MH/LF
CLUS	Roof Drain Strainer/ Dome [EA]	12	2	NEED QUOTE	$0.00	$698.88	2.0 MH
CLUSTER	Emergency Overflow Scupper Drain By Zurn Model # 189 [EA]	1	2	$1,022.59	$1,022.59	$58.24	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUS	Gargoyle Scupper [EA]	1	1	NEED QUOTE	$0.00	$29.12	1.0 MH
CLUSTER	(8'-0" H x 20" W) Ship Ladder w/ Safety Post [EA]	1	6	NEED QUOTE	$0.00	$174.72	6.0 MH
CLUSTER	Ultra Ply TPO Membrane Fully Adhered [SF]	248	0.01	$0.78	$193.44	$72.22	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUSTER	Ultra Ply Bonding Adhesive [SF]	171	0.003	$0.51	$87.21	$14.94	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER	Rigid Insulation (R-30) [SF]	171	0.008	$3.90	$666.90	$39.84	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	175	0.015	$1.23	$215.25	$76.44	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUSTER 4!60	Galvanized Metal Flashing For Curb [LF]	35	0.06	$3.85	$134.75	$61.15	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	(10" H) Galvanized Steel Curb [LF]	35	0.15	NEED QUOTE	$0.00	$152.88	0.15 MH/LF (per EA: 3 MH)
CLUSTER 4!67	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	2387.7	0.01	NEED QUOTE	$0.00	$695.30	0.010 MH/SF
CLUSTER 4!70	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	745.5	0.01	NEED QUOTE	$0.00	$217.09	0.010 MH/SF
CLUSTER 4!73	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil) [SF]	3033.45	0.01	NEED QUOTE	$0.00	$883.34	0.010 MH/SF
CLUSTER 4!76	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Prot [SF]	8514	0.01	NEED QUOTE	$0.00	$2,479.28	0.010 MH/SF
CLUS	Doors Trim [LF]	41	0.05	NEED QUOTE	$0.00	$59.70	0.050 MH/LF
CLUS	Windows Trim [LF]	52	0.05	NEED QUOTE	$0.00	$75.71	0.050 MH/LF
CLUSTER 4!87	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	2387.7	0.01	NEED QUOTE	$0.00	$695.30	0.010 MH/SF
CLUSTER 4!90	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	745.5	0.01	NEED QUOTE	$0.00	$217.09	0.010 MH/SF

CLUSTER 4!93	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil [SF]	3033.45	0.004	$0.44	$1,334.72	$353.34	W.R. Meadows Perminator 15 mil, high end $0.36-$0.44/SF [R2]; 0.004 MH/SF
CLUS	Permit (.07% of project value) [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site development [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Variance [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Private inspections [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Debris haul off [load]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site plan [Fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUSTER	Ultraply TPO Membrane Fully Adhered [SF]	3465	0.01	$0.78	$2,702.70	$1,009.01	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUSTER	Ultraply Bonding Adhesive [SF]	3284.6	0.003	$0.51	$1,675.15	$286.94	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER	Rigid Insulation (R-30) [SF]	3284.6	0.008	$3.90	$12,809.94	$765.18	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	278.3	0.015	$1.23	$342.31	$121.56	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	4" Wide Soprema Alsan Membrane [LF]	319	0.05	NEED QUOTE	$0.00	$464.46	0.050 MH/LF
CLUSTER	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane [LF]	319	0.05	NEED QUOTE	$0.00	$464.46	0.050 MH/LF
CLUSTER 5!37	Flashing For Roof Wall Drain [EA]	13.2	0.06	$3.85	$50.82	$23.06	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	Scupper Drain MFR: Zurn Model #: 189 [EA]	13.2	2	$1,022.59	$13,498.19	$768.77	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUSTER	Concrete Splash Block [EA]	13.2	0.25	$20.67	$272.84	$96.10	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUSTER	Ultra Ply TPO Membrane Fully Adhered Over Metal Deck [SF]	185.9	0.01	$0.78	$145.00	$54.13	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUSTER	Ultraply Bonding Adhesive [SF]	185.9	0.003	$0.51	$94.81	$16.24	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER 5!49	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 " O.C. (On Center).Traxx 1 Fasteners: Spaced 12 Inche [SF]	185.9	0.012	$1.06	$197.05	$64.96	19/32 in structural sheathing $33.87/32 SF [R2]; Traxx fasteners not priced; 0.012 MH/SF
CLUSTER	Rigid Insulation (R-30) [SF]	185.9	0.008	$3.90	$725.01	$43.31	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	185.9	0.015	$1.23	$228.66	$81.20	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	4" Wide Soprema Alsan Membrane [LF]	85.8	0.05	NEED QUOTE	$0.00	$124.92	0.050 MH/LF
CLUSTER	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane [LF]	85.8	0.05	NEED QUOTE	$0.00	$124.92	0.050 MH/LF
CLUSTER 5!60	Flashing For Gravity Vent [LF]	7.7	0.06	$3.85	$29.65	$13.45	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	Roof Curb For Gravity Vent [EA]	7.7	3	NEED QUOTE	$0.00	$672.67	0.15 MH/LF (per EA: 3 MH)
CLUS	Scupper Drain MFR: Zurn Model #: 189 [EA]	2.2	2	$1,022.59	$2,249.70	$128.13	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUSTER	Concrete Splash Block [EA]	2.2	0.25	$20.67	$45.47	$16.02	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUSTER 5!72	Ultra Ply TPO Membrane Xr 100 Or Ultra Ply TPO Xr 115 Adhered To The Vapor Retarder With Xr Stick Membrane Adh [SF]	82.5	0.003	$0.51	$42.08	$7.21	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER	Vapor Barrier (One Ply Sbs Base Fully Adhered [SF]	70.4	0.008	$0.68	$47.87	$16.40	Soprema SBS base sheet, low end of $0.68-$1.16/SF listings [R2]; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	9.9	0.015	$1.23	$12.18	$4.32	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	4" Wide Soprema Alsan Membrane [LF]	24.2	0.05	NEED QUOTE	$0.00	$35.24	0.050 MH/LF
CLUSTER	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane [LF]	24.2	0.05	NEED QUOTE	$0.00	$35.24	0.050 MH/LF
CLUSTER 5!83	Flashing For Roof Wall Drain [EA]	2.2	0.06	$3.85	$8.47	$3.84	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 5!84	Flashing For Gravity Vent [LF]	7.7	0.06	$3.85	$29.65	$13.45	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	(10" Dia) Exhaust Pipe [EA]	1.1	1	NEED QUOTE	$0.00	$32.03	1.0 MH
CLUS	Roof Curb For Gravity Vent [EA]	7.7	3	NEED QUOTE	$0.00	$672.67	0.15 MH/LF (per EA: 3 MH)
CLUSTER 5!94	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Prot [SF]	10177.2	0.01	NEED QUOTE	$0.00	$2,963.60	0.010 MH/SF

CLUSTER 5!97	Roofing System To Contain A Conc. Deck Primed With Elastocol 500 Followed With A Base & Cap Sheet Of Sbs-Taf – [SF]	3270.3	0.008	$3.90	$12,754.17	$761.85	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUSTER 5!100	The Lok-Down Terra Stand Base Is Bonded Directly To The Top Surface Of The Waterproofing System Using Millenni [EA]	383.9	0.003	NEED QUOTE	$0.00	$33.54	Applied with membrane
CLUS	Windows Trim [LF]	157.3	0.05	NEED QUOTE	$0.00	$229.03	0.050 MH/LF
CLUSTER 5!106	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	3467	0.01	NEED QUOTE	$0.00	$1,009.59	0.010 MH/SF
CLUSTER 5!109	Waterproofing For Mat Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	548.1	0.01	NEED QUOTE	$0.00	$159.61	0.010 MH/SF
CLUSTER 5!112	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	752.85	0.01	NEED QUOTE	$0.00	$219.23	0.010 MH/SF
CLUSTER 5!115	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil) [SF]	3250.8	0.01	NEED QUOTE	$0.00	$946.63	0.010 MH/SF
CLUSTER 5!118	Stair Waterproofing For Stair Manufacturer (MFR): BASF Model No.: MasterKure CC 300 SB [SF]	142	6	NEED QUOTE	$0.00	$24,810.24	6.0 MH
CLUSTER 5!123	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	3467	0.01	NEED QUOTE	$0.00	$1,009.59	0.010 MH/SF
CLUSTER 5!126	Waterproofing For Mat Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	548.1	0.01	NEED QUOTE	$0.00	$159.61	0.010 MH/SF
CLUSTER 5!129	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	752.85	0.01	NEED QUOTE	$0.00	$219.23	0.010 MH/SF
CLUSTER 5!132	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil [SF]	3250.8	0.004	$0.44	$1,430.35	$378.65	W.R. Meadows Perminator 15 mil, high end $0.36-$0.44/SF [R2]; 0.004 MH/SF
CLUSTER 5!135	Stair Waterproofing For Stair Manufacturer (MFR): Euclid Model No.: SurfaceHard Sealer [SF]	142	6	NEED QUOTE	$0.00	$24,810.24	6.0 MH
CLUS	Permit (.07% of project value) [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site development [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Variance [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Private inspections [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Debris haul off [load]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site plan [Fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUSTER	Ultraply TPO Membrane Fully Adhered [SF]	3336.3	0.01	$0.78	$2,602.31	$971.53	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUSTER	Ultraply Bonding Adhesive [SF]	3055.8	0.003	$0.51	$1,558.46	$266.95	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUSTER 6!27	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 " O.C. (On Center).Traxx 1 Fasteners: Spaced 12 Inche [SF]	3055.8	0.012	$1.06	$3,239.15	$1,067.82	19/32 in structural sheathing $33.87/32 SF [R2]; Traxx fasteners not priced; 0.012 MH/SF
CLUSTER	Rigid Insulation (R-30) [SF]	3055.8	0.008	$3.90	$11,917.62	$711.88	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	3049.2	0.015	$1.23	$3,750.52	$1,331.89	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	4" Wide Soprema Alsan Membrane [LF]	558.8	0.05	NEED QUOTE	$0.00	$813.61	0.050 MH/LF
CLUSTER	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane [LF]	558.8	0.05	NEED QUOTE	$0.00	$813.61	0.050 MH/LF
CLUSTER 6!38	Flashing For Gravity Vent [LF]	100.1	0.06	$3.85	$385.38	$174.89	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 6!39	Flashing For Roof Drain [LF]	48.4	0.06	$3.85	$186.34	$84.56	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 6!40	Flashing For Roof Wall Drain [EA]	15.4	0.06	$3.85	$59.29	$26.91	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF

CLUS	Gargoyle Scupper [EA]	7.7	1	NEED QUOTE	$0.00	$224.22	1.0 MH
CLUS TER	Ultraply TPO Membrane Fully Adhered [SF]	341	0.01	$0.78	$265.98	$99.30	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUS TER	Ultraply Bonding Adhesive [SF]	260.7	0.003	$0.51	$132.96	$22.77	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUS TER 6!49	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 " O.C. (On Center).Traxx 1 Fasteners: Spaced 12 Inche [SF]	260.7	0.012	$1.06	$276.34	$91.10	19/32 in structural sheathing $33.87/32 SF [R2]; Traxx fasteners not priced; 0.012 MH/SF
CLUS TER	Rigid Insulation (R-30) [SF]	260.7	0.008	$3.90	$1,016.73	$60.73	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	220	0.015	$1.23	$270.60	$96.10	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	4" Wide Soprema Alsan Membrane [LF]	159.5	0.05	NEED QUOTE	$0.00	$232.23	0.050 MH/LF
CLUS	Scupper Drain MFR: Zurn Model #: 189 [EA]	5.5	2	$1,022.59	$5,624.24	$320.32	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUS TER	Concrete Splash Block [EA]	5.5	0.25	$20.67	$113.69	$40.04	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUS TER 6!65	Ultra Ply TPO Membrane Xr 100 Or Ultra Ply TPO Xr 115 Adhered To The Vapor Retarder With Xr Stick Membrane Adh [SF]	78.1	0.003	$0.51	$39.83	$6.82	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUS TER	Vapor Barrier (One Ply Sbs Base Fully Adhered [SF]	60.5	0.008	$0.68	$41.14	$14.09	Soprema SBS base sheet, low end of $0.68-$1.16/SF listings [R2]; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	30.8	0.015	$1.23	$37.88	$13.45	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	4" Wide Soprema Alsan Membrane [LF]	35.2	0.05	NEED QUOTE	$0.00	$51.25	0.050 MH/LF
CLUS	Roof Curb For Gravity Vent [LF]	20.9	0.15	NEED QUOTE	$0.00	$91.29	0.15 MH/LF (per EA: 3 MH)
CLUS TER 6!78	Flashing For Gravity Vent [LF]	20.9	0.06	$3.85	$80.47	$36.52	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS TER	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane [LF]	194.7	0.05	NEED QUOTE	$0.00	$283.48	0.050 MH/LF
CLUS	Scupper Drain MFR: Zurn Model #: 189 [EA]	2.2	2	$1,022.59	$2,249.70	$128.13	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUS TER	Concrete Splash Block [EA]	2.2	0.25	$20.67	$45.47	$16.02	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUS TER 6!89	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Prot [SF]	12578.5	0.01	NEED QUOTE	$0.00	$3,662.86	0.010 MH/SF
CLUS	Monolithic Membrane 6125 (180 Mils) [SF]	30.8	0.01	NEED QUOTE	$0.00	$8.97	0.010 MH/SF
CLUS	Hydroflex Rbii [SF]	41.8	0.01	NEED QUOTE	$0.00	$12.17	0.010 MH/SF
CLUS TER 6!94	Metal Counter flashing [LF]	35.2	0.06	$3.85	$135.52	$61.50	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS TER 6!97	The Floor Of The A/C Attic Chamber To Be Coated Product - Hy - Tech Insulating Paint 110 [SF]	160.6	0.01	NEED QUOTE	$0.00	$46.77	0.010 MH/SF
CLUS	Windows Trim [LF]	317.9	0.05	NEED QUOTE	$0.00	$462.86	0.050 MH/LF
CLUS	Door Trim [LF]	41.8	0.05	NEED QUOTE	$0.00	$60.86	0.050 MH/LF
CLUS TER 6!105	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	3845	0.01	NEED QUOTE	$0.00	$1,119.66	0.010 MH/SF
CLUS TER 6!108	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	763.35	0.01	NEED QUOTE	$0.00	$222.29	0.010 MH/SF
CLUS TER 6!111	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil) [SF]	2972.55	0.01	NEED QUOTE	$0.00	$865.61	0.010 MH/SF
CLUS TER 6!116	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	3845	0.01	NEED QUOTE	$0.00	$1,119.66	0.010 MH/SF
CLUS TER 6!119	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	763.35	0.01	NEED QUOTE	$0.00	$222.29	0.010 MH/SF
CLUS TER 6!122	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil [SF]	2972.55	0.004	$0.44	$1,307.92	$346.24	W.R. Meadows Perminator 15 mil, high end $0.36-$0.44/SF [R2]; 0.004 MH/SF
CLUS	Permit (.07% of project value) [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site development [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Variance [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)

CLUS	Private inspections [fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Debris haul off [load]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS	Site plan [Fee]	0	0	$0.00	$0.00	$0.00	N/A (section 6)
CLUS TER	Ultraply TPO Membrane Fully Adhered [SF]	5061.1	0.01	$0.78	$3,947.66	$1,473.79	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUS TER	Ultraply Bonding Adhesive [SF]	4716.8	0.003	$0.51	$2,405.57	$412.06	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUS TER 7!27	(19/32") Plywood Cover Board (Traxx 5 Fasteners Spaced 6 " O.C. (On Center).Traxx 1 Fasteners: Spaced 12 Inche [SF]	4716.8	0.012	$1.06	$4,999.81	$1,648.24	19/32 in structural sheathing $33.87/32 SF [R2]; Traxx fasteners not priced; 0.012 MH/SF
CLUS TER	Rigid Insulation (R-30) [SF]	4716.8	0.008	$3.90	$18,395.52	$1,098.83	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	4706.9	0.015	$1.23	$5,789.49	$2,055.97	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	4" Wide Soprema Alsan Membrane [LF]	687.5	0.05	NEED QUOTE	$0.00	$1,001.00	0.050 MH/LF
CLUS TER 7!37	Flashing For Gravity Vent [LF]	14.3	0.06	$3.85	$55.06	$24.98	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS TER	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane [LF]	687.5	0.05	NEED QUOTE	$0.00	$1,001.00	0.050 MH/LF
CLUS TER 7!39	Flashing For Mech Units [LF]	41.8	0.06	$3.85	$160.93	$73.03	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS TER 7!40	Flashing For Roof Drain [LF]	24.2	0.06	$3.85	$93.17	$42.28	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	(1'-0" Dia) Roof Drain (Metal Deck) [EA]	12.1	2	NEED QUOTE	$0.00	$704.70	2.0 MH
CLUS	Scupper Drain MFR: Zurn Model #: 189 [EA]	7.7	2	$1,022.59	$7,873.94	$448.45	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUS TER	Concrete Splash Block [EA]	7.7	0.25	$20.67	$159.16	$56.06	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUS TER 7!50	24" Wide Heavy-Duty Tubular Rail Aluminum Access Ladder With Safety Door (9'-4" H) MFR: O'Keeffe's, Inc. Model [EA]	1.1	6	NEED QUOTE	$0.00	$192.19	6.0 MH
CLUS TER	Ultraply TPO Membrane Fully Adhered [SF]	1216.6	0.01	$0.78	$948.95	$354.27	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUS TER	Ultraply Bonding Adhesive [SF]	1048.3	0.003	$0.51	$534.63	$91.58	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUS TER	Rigid Insulation (R-30) [SF]	1048.3	0.008	$3.90	$4,088.37	$244.21	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	342.1	0.015	$1.23	$420.78	$149.43	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	4" Wide Soprema Alsan Membrane [LF]	294.8	0.05	NEED QUOTE	$0.00	$429.23	0.050 MH/LF
CLUS	Roof Curb For Gravity Vent [LF]	14.3	0.15	NEED QUOTE	$0.00	$62.46	0.15 MH/LF (per EA: 3 MH)
CLUS	Roof Curb For Hvac [LF]	41.8	0.15	NEED QUOTE	$0.00	$182.58	0.15 MH/LF (per EA: 3 MH)
CLUS TER	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane [LF]	294.8	0.05	NEED QUOTE	$0.00	$429.23	0.050 MH/LF
CLUS TER 7!69	Flashing For Roof Wall Drain [EA]	15.4	0.06	$3.85	$59.29	$26.91	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS TER 7!70	Flashing For Roof Drain [LF]	24.2	0.06	$3.85	$93.17	$42.28	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	(1'-0" Dia) Roof Drain (Concrete Deck) [EA]	2.2	2	NEED QUOTE	$0.00	$128.13	2.0 MH
CLUS	Scupper Drain MFR: Zurn Model #: 189 [EA]	7.7	2	$1,022.59	$7,873.94	$448.45	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUS TER	Concrete Splash Block [EA]	7.7	0.25	$20.67	$159.16	$56.06	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUS TER	Ultraply TPO Membrane Fully Adhered [SF]	266.2	0.01	$0.78	$207.64	$77.52	Elevate UltraPly TPO 60 mil 10x100 $775 = $0.78/SF [R2]; adhesive priced on its own line; 0.010 MH/SF
CLUS TER	Ultraply Bonding Adhesive [SF]	202.4	0.003	$0.51	$103.22	$17.68	Elevate UltraPly TPO bonding adhesive $154/5 gal at ~60 SF/gal [R1]; 0.003 MH/SF
CLUS TER	Rigid Insulation (R-30) [SF]	202.4	0.008	$3.90	$789.36	$47.15	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUS	Tapered Cricket Insulation [SF]	91.3	0.015	$1.23	$112.30	$39.88	JM ENRGY 3 tapered Q $19.75/16 SF [R1]; 0.015 MH/SF
CLUS	4" Wide Soprema Alsan Membrane [LF]	127.6	0.05	NEED QUOTE	$0.00	$185.79	0.050 MH/LF
CLUS TER	Soprema Alsan Rs 230 Flash W/ Alsan Rs Fleece 3" Above 2-Ply Sbs Membrane [LF]	127.6	0.05	NEED QUOTE	$0.00	$185.79	0.050 MH/LF

CLUSTER 7!93	Flashing For Gravity Vent [LF]	14.3	0.06	$3.85	$55.06	$24.98	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUSTER 7!94	Flashing For Roof Wall Drain [EA]	3.3	0.06	$3.85	$12.71	$5.77	24 ga galvanized flat stock $3.85/SF at 12 in girth = $3.85/LF (girth assumed; 26 ga for residential hip/ridge/valley would be $2.61) [R2]; 0.060 MH/LF
CLUS	Scupper Drain MFR: Zurn Model #: 189 [EA]	3.3	2	$1,022.59	$3,374.55	$192.19	Zurn Z189-3IP-90 $1,022.59 [R2]; 2.0 MH
CLUSTER	Concrete Splash Block [EA]	3.3	0.25	$20.67	$68.21	$24.02	Concrete splash block $20.67 (low end of $20.67-$32.18) [R2]; 0.25 MH
CLUSTER 7!104	Water-Based VOC-Free Protective Sealer Applied To All Exterior CMU Walls For Dirt, Moisture, And Graffiti Prot [SF]	11283.8	0.01	NEED QUOTE	$0.00	$3,285.84	0.010 MH/SF
CLUSTER 7!107	The Floor Of The A/C Attic Chamber To Be Coated Product - Hy - Tech Insulating Paint 110 [SF]	116.6	0.01	NEED QUOTE	$0.00	$33.95	0.010 MH/SF
CLUSTER 7!110	Roofing System To Contain A Conc. Deck Primed With Elastocol 500 Followed With A Base & Cap Sheet Of Sbs-Taf – [SF]	322.3	0.008	$3.90	$1,256.97	$75.08	R-30 = ~5.2 in polyiso at $0.75/in-SF (median of new-board listings) [R1]; attachment not priced; 0.008 MH/SF
CLUSTER 7!113	The Lok-Down Terra Stand Base Is Bonded Directly To The Top Surface Of The Waterproofing System Using Millenni [EA]	29.7	0.003	NEED QUOTE	$0.00	$2.59	Applied with membrane
CLUSTER	The Floor Finished With A Nonskid Water Proofing Traffic Coating System [SF]	460.9	0.01	NEED QUOTE	$0.00	$134.21	0.010 MH/SF
CLUSTER	The Wall To Be Coated With An Epoxy Paint [SF]	440	0.01	NEED QUOTE	$0.00	$128.13	0.010 MH/SF
CLUS	Windows Trim [LF]	228.8	0.05	NEED QUOTE	$0.00	$333.13	0.050 MH/LF
CLUS	Door Trim [LF]	152.9	0.05	NEED QUOTE	$0.00	$222.62	0.050 MH/LF
CLUSTER 7!124	Waterproofing For Footing Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	6709	0.01	NEED QUOTE	$0.00	$1,953.66	0.010 MH/SF
CLUSTER 7!127	Waterproofing For Stem Wall Manufacturer: CETCO Model No.: Ultra seal Sheet Membrane System [SF]	1682.1	0.01	NEED QUOTE	$0.00	$489.83	0.010 MH/SF
CLUSTER 7!130	Waterproofing For Slab On Grade Manufacturer: STEGO Industries Model No: Wrap 15 Vapor Barrier (15 Mil) [SF]	5777.1	0.01	NEED QUOTE	$0.00	$1,682.29	0.010 MH/SF
CLUSTER 7!133	Stair Waterproofing For Stair Manufacturer (MFR): BASF Model No.: MasterKure CC 300 SB [SF]	169.05	6	NEED QUOTE	$0.00	$29,536.42	6.0 MH
CLUSTER 7!138	Waterproofing For Footing Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	6709	0.01	NEED QUOTE	$0.00	$1,953.66	0.010 MH/SF
CLUSTER 7!141	Waterproofing For Stem Wall Manufacturer: Grace Model No: Preprufe 300 HDPE Membrane System [SF]	1682.1	0.01	NEED QUOTE	$0.00	$489.83	0.010 MH/SF
CLUSTER 7!144	Waterproofing For Slab On Grade Manufacturer: W. R. Meadows Model No: Perminator 15 Mil [SF]	5777.1	0.004	$0.44	$2,541.92	$672.92	W.R. Meadows Perminator 15 mil, high end $0.36-$0.44/SF [R2]; 0.004 MH/SF
CLUSTER 7!147	Stair Waterproofing For Stair Manufacturer (MFR): Euclid Model No.: SurfaceHard Sealer [SF]	169.05	6	NEED QUOTE	$0.00	$29,536.42	6.0 MH