



Estimate Package

Martin County Airport (KSUA) Building 17 Renovation Rough Order of Magnitude (ROM)-Level Submittal

April 18, 2019

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**Martin County Airport
Building 17 Renovation
Rough Order of Magnitude (ROM) Estimate**

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**Martin County Airport
Building 17 Renovation
Rough Order of Magnitude (ROM) Estimate**

**Section 2
Estimate Summary**

Project Description

The project scope includes the renovation of Building 17 at the Martin County Airport based on the change in occupancy and related code upgrades.

The opinion of probable construction cost for the Rough Order of Magnitude (ROM)-level has been structured into three scope areas including:

- Roofing, which includes the removal of all rooftop equipment, removal and replacement of the roofing system, infill metal roof deck at existing openings, replacement of the flashing, cleaning and painting of mansard roof panels and revitalization of the roof drainage system;
- Exterior, which includes removal and replacement of exterior doors and frames, removal and replacement of aluminum storefront system and aluminum windows, installation of new overhead door, cleaning and coating of exterior walls and plaster soffits;
- Interior, which includes total removal of existing interior improvements, floor slab patching, floor slab topping and construction of new walls, floors and ceilings as well as new mechanical, electrical, and plumbing systems.

No civil / site work improvements such as parking, utilities, or landscaping is included in the scope represented by the opinion of probable cost.

It is anticipated the project, when design is completed, will be bid on a competitive basis by at least three (3) contractors. The opinion of probable cost assumes the bidding contractors have experience working on projects for Martin County government or other public facilities of similar size and nature.

Design Documentation

Hoyle, Tanner & Associates, Inc. is the Engineer of Record for the project. KMA Design Group, LLC is the architect for the project. Montgomery Consulting Group, Inc. is the cost estimating consultant.

MCG cost estimators performed a site visit and walk thru of the building on April 4, 2019. The following documents were reviewed by the Montgomery Consulting Group cost estimators for this project:

**Martin County Airport
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**Section 2
Estimate Summary**

- Grumman Aerospace Corporation Cafeteria Facility permit drawings dated 4-16-1976 prepared by Greenlees, Montgomery & Associates, provided by Martin County Building Department; and
- Proposed building interior plan concept from proposed tenant entitled “layout with dimension” provided on April 3, 2019.

Statement of Probable Cost

Montgomery Consulting Group, Inc. has no control over the cost of labor and/or materials or the general contractor or subcontractor(s) method of determining prices, nor the competitive bidding process or market conditions. This is an opinion of probable construction cost and is made on the basis of experience, qualifications, and best judgment of a professional consultant familiar with construction costs in Martin County, Florida. This estimate is based on fair market value for construction, and the project will be awarded on a competitive basis to construction firms that are familiar with the Martin County’s policies and procedures, and contract requirements.

Montgomery Consulting Group, Inc. cannot and does not warrant, guarantee or represent that proposals, bids, or actual construction costs will not vary from a statement of probable construction cost or subsequent estimates provided.

Assumptions, Exclusions and Allowances

The opinion of probable construction cost was derived from the documentation noted previously. The following assumptions have been made in the development of the opinion of probable construction cost:

- Contractors will have a minimum of thirty (30) days from announcement to bid opening, and will be permitted access by Airport to inspect the site prior to the bid opening;
- Removal and proper disposal of the existing building improvements including equipment and furnishings is included in the estimate and listed under CSI 02, Existing Conditions;
- The following finishes were assumed in the new tenant building:
 - o Lobby, Breakroom, Corridors, Offices, Training Rooms, Vestibules, IT Closet & Martin County Conference Room: Carpeting, Vinyl, Painted Walls, and Acoustic Ceilings.
 - o Bathrooms, Toilets & Vestibules, & Janitor Closets: Ceramic Tile, Tile Base, Painted walls with Wall Tile Wainscot and Painted Drywall Ceilings.
 - o Utility Rooms: Sealed Concrete, Vinyl Base, Painted Walls & Painted Exposed Structure.

**Martin County Airport
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**Section 2
Estimate Summary**

- Sales tax is included in the unit prices for new materials and equipment;
- Mobilization/demobilization costs are assumed to be approximately 5.0% of the direct cost of work;
- General conditions are assumed to be 10.0% of the direct cost of work;
- The Contractor's fee is assumed to be 14.0% of the direct cost of work;
- The Contractor's bonds and insurances cost are estimated at 2.8% of the direct cost of work;
- Construction permit costs are estimated at 1.5% of the direct cost of work;
- The estimate contains escalation cost in the amount of 4.5% of direct cost of work to account for pricing increases for one (1) year from the estimate date to the estimated bid opening;
- Pricing is assumed to reflect costs in the Martin County area in April 2019;
- Professional fees for design and owners authorized representative services during construction are estimated at 25.0% of the burdened cost; and
- A contingency of 15.0% of the burdened cost and professional fees is included to represent additional detailed pricing expected when design is finalized stage.

The opinion of probable construction cost excludes the following:

- Assessment of hazardous materials in the building including asbestos, mold, lead paint or other hazardous materials;
- Removal, remediation, and disposal of hazardous materials for asbestos, mold, lead paint or other hazardous material;
- Civil / site work improvements such as parking, utilities, or landscaping;
- Tenant equipment and furnishings;
- Significant changes in material prices;
- Cost associated with Martin County Airport long term service/maintenance agreements;
- Disruption of service fees; and
- Other Martin County vendor fees.

**Martin County Airport
Building 17 Renovation
Rough Order of Magnitude (ROM) Estimate**

**Section 2 Estimate
Summary**

**MARTIN COUNTY AIRPORT
BUILDING 17 RENOVATIONS
ROUGH ORDER OF MAGNITUDE (ROM) ESTIMATE
APRIL 18, 2019
ESTIMATE SUMMARY**

			ROOFING	EXTERIOR	INTERIOR
CSI DESCRIPTION	MARK-UP	TOTAL	SUBTOTAL	SUBTOTAL	SUBTOTAL
BUILDING AREA (SF)		6,973	6,973	6,973	6,973
01 GENERAL REQUIREMENTS	\$	47,500	\$ 7,500	\$ 7,200	\$ 32,800
02 EXISTING CONDITIONS	\$	72,380	\$ 11,223	\$ 3,951	\$ 57,206
03 CONCRETE	\$	34,737	\$ -	\$ 1,350	\$ 33,388
04 MASONRY	\$	-	\$ -	\$ -	\$ -
05 METALS	\$	4,525	\$ 2,025	\$ -	\$ 2,500
06 WOODS & PLASTICS	\$	9,393	\$ 8,493	\$ -	\$ 900
07 THERMAL & MOISTURE PROTECTION	\$	120,060	\$ 115,515	\$ 4,545	\$ -
08 OPENINGS (DOORS & WINDOWS)	\$	139,750	\$ -	\$ 110,200	\$ 29,550
09 FINISHES	\$	145,328	\$ 2,944	\$ 23,068	\$ 119,315
10 SPECIALTIES (SIGNAGE & ACCESSORIES)	\$	16,450	\$ -	\$ -	\$ 16,450
11 EQUIPMENT	\$	-	\$ -	\$ -	\$ -
12 FURNISHINGS	\$	-	\$ -	\$ -	\$ -
13 SPECIAL CONSTRUCTION	\$	-	\$ -	\$ -	\$ -
14 CONVEYING SYSTEMS	\$	-	\$ -	\$ -	\$ -
21 FIRE SUPPRESSION SPRINKLER SYSTEM	\$	17,920	\$ -	\$ -	\$ 17,920
22 PLUMBING	\$	61,038	\$ 10,538	\$ -	\$ 50,500
23 HEATING / VENTILATING / AIR CONDITIONING	\$	132,506	\$ -	\$ -	\$ 132,506
26 ELECTRICAL	\$	195,315	\$ -	\$ -	\$ 195,315
DIRECT COST OF WORK*:		\$ 996,901	\$ 158,237	\$ 150,314	\$ 688,350

**MARTIN COUNTY AIRPORT
BUILDING 17 RENOVATIONS
ROUGH ORDER OF MAGNITUDE (ROM) ESTIMATE
APRIL 18, 2019
ESTIMATE SUMMARY**

			ROOFING	EXTERIOR	INTERIOR
CSI DESCRIPTION	MARK-UP	TOTAL	SUBTOTAL	SUBTOTAL	SUBTOTAL
GENERAL CONDITIONS	10.0%	\$ 99,690	\$ 15,824	\$ 15,031	\$ 68,835
CONTRACTOR FEE	14.0%	\$ 139,566	\$ 22,153	\$ 21,044	\$ 96,369
BONDS & INSURANCE	2.8%	\$ 27,913	\$ 4,431	\$ 4,209	\$ 19,274
CONSTRUCTION PERMITS	1.5%	\$ 14,954	\$ 2,374	\$ 2,255	\$ 10,325
ESCALATION (1 YEAR)	4.5%	\$ 44,861	\$ 7,121	\$ 6,764	\$ 30,976
BURDENED COST:		\$ 1,323,885	\$ 210,138	\$ 199,618	\$ 914,129
PROFESSIONAL FEES*	25.0%	\$ 330,971	\$ 52,535	\$ 49,904	\$ 228,532
BURDENED COST + PROFESSIONAL FEES:		\$ 1,654,856	\$ 262,673	\$ 249,522	\$ 1,142,661
CONTINGENCY	15.0%	\$ 248,228	\$ 39,401	\$ 37,428	\$ 171,399
TENANT BUILDOUT PROGRAM TOTAL:		\$ 1,903,084	\$ 302,074	\$ 286,950	\$ 1,314,060
ROUNDED:		\$ 1,903,100	\$ 302,100	\$ 287,000	\$ 1,314,100
ROUNDED \$ / SF:		\$ 272.92	\$ 43.32	\$ 41.16	\$ 188.46

* EXCLUDES ANY HAZARDOUS MATERIAL EVALUATION, REMOVAL, REMEDIATION OR DISPOSAL

**Martin County Airport
Building 17 Renovation
Rough Order of Magnitude (ROM) Estimate**

**Section 3
Estimate Detail**

**MARTIN COUNTY AIRPORT
BUILDING 17 RENOVATIONS
ROUGH ORDER OF MAGNITUDE (ROM) ESTIMATE
APRIL 18, 2019
ESTIMATE DETAIL - ROOFING**

Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
1		01 GENERAL REQUIREMENTS						\$ 7,500
2		MOBILIZATION / DEMOBILIZATION	6,973	SF	\$1.08		\$ 7,500	
3		MOBILIZATION / DEMOBILIZATION (5%)	1	LS	\$7,500.00	\$ 7,500.00		
4								
5		02 EXISTING CONDITIONS						\$ 11,223
6		DEMOLITION	6,973	SF	\$1.61		\$ 11,223	
7		REMOVE EXISTING ROOF TOP EQUIPMENT	9	EA	\$250.00	\$ 2,250.00		
8		REMOVE ROOFING SYSTEM TO METAL DECK	7,178	SF	\$1.25	\$ 8,972.50		
9								
10		03 CONCRETE						\$ -
11		CAST-IN-PLACE CONCRETE	6,973	SF	\$0.00		\$ -	
12		NO SCOPE						
13								
14		04 MASONRY						\$ -
15		WALL PENETRATIONS	6,973	SF	\$0.00		\$ -	
16		NO SCOPE						
17								
18		05 METALS						\$ 2,025
19		MISCELLANEOUS METALS	6,973	SF	\$0.29		\$ 2,025	
20		INSTALL METAL DECK PATCHES AT EXISTING OPENINGS	9	EA	\$225.00	\$ 2,025.00		

**MARTIN COUNTY AIRPORT
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ROUGH ORDER OF MAGNITUDE (ROM) ESTIMATE
APRIL 18, 2019
ESTIMATE DETAIL - ROOFING**

Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
21								
22	06	WOODS & PLASTICS						\$ 8,493
23		CARPENTRY	6,973	SF	\$1.22		\$8,492.69	
24		ROOF BLOCKING AT CAP FLASHING @ MANSARDS	1,110	BF	\$2.75	\$ 3,052.50		
25		ROOF BLOCKING AT ROOF TO WALL FLASHINGS	1,500	BF	\$2.75	\$ 4,125.00		
26		ROOF BLOCKING AT WALL-TOP COPING - CUT 2X10 PT	308	BF	\$3.00	\$ 925.19		
27		ROOF BLOCKING AT WALL-TOP COPING - 2X12 PT	130	BF	\$3.00	\$ 390.00		
28								
29	07	THERMAL & MOISTURE PROTECTION						\$ 115,515
30		ROOFING & SHEETMETAL	6,973	SF	\$16.57		\$ 115,515	
31		SINGLE-PLY ROOFING SYSTEM WITH TAPERED INSULATION	7,178	SF	\$15.00	\$ 107,670.00		
32		CAP FLASHINGS @ MANSARDS - PAINTED ALUMINUM	185	LF	\$12.00	\$ 2,220.00		
33		WALL FLASHINGS @ ROOF TO WALL	250	LF	\$7.50	\$ 1,875.00		
34		WALL-TOP CAP FLASHING	250	LF	\$15.00	\$ 3,750.00		
35								
36	08	OPENINGS [DOORS & WINDOWS]						\$ -
37		NO SCOPE						
38								
39	09	FINISHES						\$ 2,944
40		PAINTING	6,973	SF	\$0.42		\$ 2,944	
41		PRESSURE CLEAN EXISTING MANSARD ROOF PANELS	1,033	SF	\$0.85	\$ 878.05		
42		SEAL & PAINT MANSARD ROOF PANELS	1,033	SF	\$2.00	\$ 2,066.00		
43								
44	10	SPECIALTIES						\$ -
45		NO SCOPE						

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APRIL 18, 2019
ESTIMATE DETAIL - ROOFING**

Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
46								
47	11	<u>EQUIPMENT</u>					\$ -	-
48		PROVIDED BY OTHERS						
49								
50	12	<u>FURNISHINGS</u>					\$ -	-
51		PROVIDED BY OTHERS						
52								
53	13	<u>SPECIAL CONSTRUCTION</u>					\$ -	-
54		NO SCOPE						
55								
56	14	<u>CONVEYING SYSTEMS</u>					\$ -	-
57		NO SCOPE						
58								
59	21	<u>FIRE SUPPRESSION SPRINKLER SYSTEM</u>					\$ -	-
60		NO SCOPE						
61								
62	22	<u>PLUMBING</u>					\$ 10,538	
63		PLUMBING	6,973	SF	\$1.51		\$ 10,538	
64		REMOVE EXISTING 4" ROOF DRAIN ASSEMBLY	11	EA	\$125.00	\$ 1,375.00		
65		RECONNECT EXISTING 4" PVC DRAIN @ GRADE	1	EA	\$250.00	\$ 250.00		
66		CLEAN EXISTING 4" PVC DRAIN LINES	265	LF	\$2.50	\$ 662.50		
67		INSTALL NEW 4" ROOF DRAIN ASSEMBLY	11	EA	\$750.00	\$ 8,250.00		
68								
69	23	<u>HEATING / VENTILATING / AIR CONDITIONING</u>					\$ -	-
70		NO SCOPE						

**MARTIN COUNTY AIRPORT
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APRIL 18, 2019
ESTIMATE DETAIL - ROOFING**

Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
71								
72	26	ELECTRICAL						\$ -
73		NO SCOPE						
74								
75	I	DIRECT COST OF WORK:				\$ 158,236.74	\$ 158,237	\$ 158,237

**MARTIN COUNTY AIRPORT
BUILDING 17 RENOVATIONS
ROUGH ORDER OF MAGNITUDE (ROM) ESTIMATE
APRIL 18, 2019
ESTIMATE DETAIL - EXTERIOR**

Line	CSI Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
1	01 GENERAL REQUIREMENTS						\$ 7,200
2	MOBILIZATION / DEMOBILIZATION	6,974	SF	\$1.03		\$ 7,200	
3	MOBILIZATION / DEMOBILIZATION (5%)	1	LS	\$7,200.00	\$ 7,200.00		
4							
5	02 EXISTING CONDITIONS						\$ 3,951
6	DEMOLITION	6,974	SF	\$0.57		\$ 3,951	
7	REMOVE CMU WALL FOR NEW OHD DOOR	120	SF	\$5.00	\$ 600.00		
8	REMOVE EXISTING HOLLOW METAL DOOR & FRAME	2	EA	\$125.00	\$ 250.00		
9	REMOVE EXISTING ALUMINUM STORE FRONT DOORS	1	PR	\$200.00	\$ 200.00		
10	REMOVE EXISTING ALUMINUM STORE FRONT W/ 1 PAIR DOORS	86.0	SF	\$3.50	\$ 301.01		
10	REMOVE EXISTING ALUMINUM WINDOW - TYPE A	2	EA	\$65.00	\$ 130.00		
11	REMOVE EXISTING ALUMINUM WINDOW - TYPE B	25	EA	\$65.00	\$ 1,625.00		
12	REMOVE EXISTING ALUMINUM WINDOW - TYPE C	13	EA	\$65.00	\$ 845.00		
13							
14	03 CONCRETE						\$ 1,350
15	CAST-IN PLACE CONCRETE	6,974	SF	\$0.19		\$ 1,350	
16	CONCRETE DOOR LINTEL - 8"X16"	11.33	LF	\$45.00	\$ 509.99		
17	CONCRETE TIE-COLUMN JAMBS	24	LF	\$35.00	\$ 840.00		
18							
19	04 MASONRY						\$ -
20	NO SCOPE						
21							
22	05 METALS						\$ -
23	NO SCOPE						

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ROUGH ORDER OF MAGNITUDE (ROM) ESTIMATE
APRIL 18, 2019
ESTIMATE DETAIL - EXTERIOR**

Line	CSI Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
24							
25	06 WOODS & PLASTICS						\$ -
26	NO SCOPE						
27							
28	07 THERMAL & MOISTURE PROTECTION						\$ 4,545
29	JOINT SEALANTS & CAULKING	6,974	SF	\$0.65		\$ 4,545	
30	JOINT SEALANTS & CAULKING - HM DOORS	1	EA	\$45.00	\$ 45.00		
31	JOINT SEALANTS & CAULKING - STOREFRONT & WINDOWS	1	LS	\$4,500.00	\$ 4,500.00		
32							
33	08 OPENINGS [DOORS & WINDOWS]						\$ 110,200
34	DOOR / FRAMES	6,974	SF	\$0.32		\$ 2,250	
35	EXTERIOR HM DOOR & FRAME W/ HARDWARE - 3'-0"X7'-0"	1	EA	\$2,250.00	\$ 2,250.00		
36	OVERHEAD COILING DOOR	6,974	SF	\$0.93		\$ 6,500	
37	OVERHEAD COILING DOOR - 10'W X 8'H	1	EA	\$6,500.00	\$ 6,500.00		
38	ALUMINUM STOREFRONT & WINDOWS	6,974	SF	\$14.55		\$ 101,450	
39	ALUMINUM STOREFRONT & WINDOW	850	SF	\$115.00	\$ 97,750.00		
40	ALUMINUM STOREFRONT - DOOR KITS	2	PR	\$1,850.00	\$ 3,700.00		
41							
42	09 FINISHES						\$ 23,068
43	PAINTING	6,974	SF	\$3.31		\$ 23,068	
44	PRESSURE CLEAN EXTERIOR WALLS	6,214	SF	\$0.85	\$ 5,281.90		
45	PRESSURE CLEAN EXTERIOR SOFFITS	790	SF	\$0.85	\$ 671.50		
46	SEAL AND PAINT EXISTING EXTERIOR WALLS	6,214	SF	\$2.50	\$ 15,535.00		
47	SEAL AND PAINT EXISTING EXTERIOR SOFFITS	790	SF	\$2.00	\$ 1,580.00		

**MARTIN COUNTY AIRPORT
BUILDING 17 RENOVATIONS
ROUGH ORDER OF MAGNITUDE (ROM) ESTIMATE
APRIL 18, 2019
ESTIMATE DETAIL - EXTERIOR**

Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
48								
49	10	<u>SPECIALTIES</u>					\$ -	
50		NO SCOPE						
51								
52	11	<u>EQUIPMENT</u>					\$ -	
53		PROVIDED BY OTHERS						
54								
55	12	<u>FURNISHINGS</u>					\$ -	
56		PROVIDED BY OTHERS						
57								
58	13	<u>SPECIAL CONSTRUCTION</u>					\$ -	
59		NO SCOPE						
60								
61	14	<u>CONVEYING SYSTEMS</u>					\$ -	
62		NO SCOPE						
63								
64	21	<u>FIRE SUPPRESSION SPRINKLER SYSTEM</u>					\$ -	
65		NO SCOPE						
66								
67	22	<u>PLUMBING</u>					\$ -	
68		NO SCOPE						
69								
70	23	<u>HEATING / VENTILATING / AIR CONDITIONING</u>					\$ -	
71		NO SCOPE						

MARTIN COUNTY AIRPORT
BUILDING 17 RENOVATIONS
ROUGH ORDER OF MAGNITUDE (ROM) ESTIMATE
APRIL 18, 2019
ESTIMATE DETAIL - EXTERIOR

Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
72								
73	26	ELECTRICAL						\$ -
74		NO SCOPE						
75								
76	T	DIRECT COST OF WORK:				\$ 150,314.40	\$ 150,314	\$ 150,314

**MARTIN COUNTY AIRPORT
BUILDING 17 RENOVATIONS
ROUGH ORDER OF MAGNITUDE (ROM) ESTIMATE
APRIL 18, 2019
ESTIMATE DETAIL - INTERIOR**

Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
1	01	GENERAL REQUIREMENTS						\$ 32,800
2		MOBILIZATION / DEMOBILIZATION	6,974	SF	\$4.70		\$ 32,800	
3		MOBILIZATION / DEMOBILIZATION (5%)	1	LS	\$32,800.00	\$ 32,800.00		
4								
5	02	EXISTING CONDITIONS						\$ 57,206
6		INTERIOR DEMOLITION	6,974	SF	\$8.20		\$ 57,206	
7		REMOVE ACOUSTICAL TILE CEILING	6,565	SF	\$1.25	\$ 8,206.25		
8		REMOVE FURRING & DRYWALL	3,416	SF	\$0.85	\$ 2,903.60		
9		REMOVE STUD WALLS - DRYWALL 1-SIDE	503	SF	\$1.25	\$ 628.75		
10		REMOVE STUD WALLS - DRYWALL 2-SIDES	3,645	SF	\$1.75	\$ 6,378.75		
11		REMOVE DBL STUD WALLS - DRYWALL EACH SIDE	232	SF	\$2.50	\$ 580.00		
12		REMOVE EXISTING DOORS, FRAMES & HARDWARE	15	EA	\$65.00	\$ 975.00		
13		REMOVE ACCORDION FOLDING DOORS	2	EA	\$65.00	\$ 130.00		
14		REMOVE TOILET COMPARTMENTS	7	EA	\$65.00	\$ 455.00		
15		REMOVE URINAL SCREENS	2	EA	\$15.00	\$ 30.00		
16		REMOVE TOILET ACCESSORIES	1	LS	\$125.00	\$ 125.00		
17		REMOVE THINSET CERAMIC FLOOR TILE	527	SF	\$0.60	\$ 316.20		
18		REMOVE MUDSET QUARRY TILE	3,780	SF	\$1.25	\$ 4,725.00		
19		REMOVE VINYL COMPOSITION TILE	2,563	SF	\$0.35	\$ 897.05		
20		REMOVE EXISTING FIRE SPRINKLER SYSTEM	6,565	SF	\$0.60	\$ 3,939.00		
21		REMOVE EXISTING PLUMBING SYSTEM	6,565	SF	\$2.00	\$ 13,130.00		
22		REMOVE EXISTING HVAC SYSTEM	6,565	SF	\$1.25	\$ 8,206.25		
23		REMOVE EXISTING ELECTRICAL SYSTEM	6,565	SF	\$0.85	\$ 5,580.25		

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Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
24								
25	03	CONCRETE						\$ 33,388
26		CAST-IN-PLACE CONCRETE	6,974	SF	\$2.17		\$ 15,120	
27		CONCRETE TOPPING SLAB - 2" MINIMUM	3,780	SF	\$4.00	\$ 15,120.00		
28		FLOOR PATCH	6,974	SF	\$2.62		\$ 18,268	
28		INFILL SLAB PATCH AFTER REMOVAL OF EXISTING PLUMBING	4,307	SF	\$2.50	\$ 10,767.50		
29		SLAB PATCH AT NEW PLUMBING	1	LS	\$7,500.00	\$ 7,500.00		
30								
31	04	MASONRY						\$ -
32		NO SCOPE						
33								
34	05	METALS						\$ 2,500
35		MISCELLANEOUS METALS	6,974	SF	\$0.36		\$ 2,500	
36		STEEL SUPPORT FRAMING FOR NEW ROOFTOP HVAC UNITS	1	LS	\$2,500.00	\$ 2,500.00		
37								
38	06	WOODS & PLASTICS						\$ 900
39		CARPENTRY	6,974	SF	\$0.13		\$ 900	
40		PLYWOOD EQUIPMENT BOARDS	4	EA	\$225.00	\$ 900.00		
41		MILLWORK	6,974	SF	\$0.00		\$ -	
42		NO SCOPE						
43								
44	07	THERMAL & MOISTURE PROTECTION						\$ -
45		THERMAL INSULATION	6,974	SF	\$0.00		\$ -	
46		THERMAL INSULATION INCLUDED W/ DRYWALL	0	EA	\$0.00	\$ -		

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APRIL 18, 2019
ESTIMATE DETAIL - INTERIOR**

Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
47								
48	08	OPENINGS [DOORS & WINDOWS]						\$ 29,550
49		DOOR / FRAMES	6,974	SF	\$4.24		\$ 29,550	
50		INTERIOR HM DOOR & FRAME W/ HARDWARE - 3'-0"X7'-0" -	1	EA	\$2,250.00	\$ 2,250.00		
51		INTERIOR HM DOOR & FRAME W/ HARDWARE - 3'-0"X7'-0" -	14	EA	\$1,950.00	\$ 27,300.00		
52								
53	09	FINISHES						\$ 119,315
54		DRYWALL	6,974	SF	\$6.32		\$ 44,078	
55		INTERIOR PARTITIONS						
56		1.5" Z-FURRING W/ INSULATION @ PERIMETER WALLS UNDERSIDE OF STRUCTURE	4,240	SF	\$3.50	\$ 14,840.00		
57		4" STUD FRAMING W/ DRYWALL 1 SIDE	330	SF	\$4.00	\$ 1,320.00		
58		4" STUD FRAMING W/ DRYWALL 2 SIDES W/ SOUND	2,462	SF	\$7.25	\$ 17,849.50		
59		6" STUD FRAMING W/ DRYWALL 2 SIDES W/ SOUND	174	SF	\$7.50	\$ 1,305.00		
60		8" STUD FRAMING W/ DRYWALL 2 SIDES W/ SOUND	610	SF	\$8.75	\$ 5,337.50		
60		SUSPENDED DRYWALL CEILINGS	527	SF	\$6.50	\$ 3,425.50		
61		TILE	6,974	SF	\$1.33		\$ 9,242	
62		CERAMIC FLOOR TILE - THINSET	527	SF	\$6.50	\$ 3,425.50		
63		CERAMIC TILE BASE	165	LF	\$5.25	\$ 866.25		
64		CERAMIC TILE WAINSCOT	825	SF	\$6.00	\$ 4,950.00		
65		ACOUSTICAL CEILING TILE	6,974	SF	\$2.80		\$ 19,516	
66		ACT CEILING	6,005	SF	\$3.25	\$ 19,516.25		

**MARTIN COUNTY AIRPORT
BUILDING 17 RENOVATIONS
ROUGH ORDER OF MAGNITUDE (ROM) ESTIMATE
APRIL 18, 2019
ESTIMATE DETAIL - INTERIOR**

Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
67		<u>RESILIENT BASE & CARPET</u>	6,974	SF	\$3.91		\$ 27,276	
68		VINYL BASE	772	LF	\$3.00	\$ 2,316.00		
69		CARPET	6,240	SF	\$4.00	\$ 24,960.00		
70		<u>PAINTING</u>	6,974	SF	\$2.75		\$ 19,204	
70		SEALED CONCRETE	105	SF	\$2.00	\$ 210.00		
71		INTERIOR PAINTING - DRYWALL PARTITIONS	7,443	SF	\$2.25	\$ 16,746.75		
72		INTERIOR PAINTING - DRYWALL CEILINGS	527	SF	\$2.25	\$ 1,185.75		
73		INTERIOR PAINTING - EXPOSED STRUCTURE	105	SF	\$2.25	\$ 236.25		
74		DOORS & FRAMES - SINGLE	15	EA	\$55.00	\$ 825.00		
75								
76	10	<u>SPECIALTIES</u>						\$ 16,450
77		<u>TOILET COMPARTMENTS</u>	6,974	SF	\$0.88		\$ 6,150	
78		TOILET COMPARTMENTS - ADA	2	EA	\$950.00	\$ 1,900.00		
79		TOILET COMPARTMENTS	6	EA	\$600.00	\$ 3,600.00		
80		URINAL SCREENS	2	EA	\$325.00	\$ 650.00		
81		NO SCOPE						
82		<u>RESTROOM ACCESSORIES</u>	6,974	SF	\$0.93		\$ 6,500	
83		RESTROOM ACCESSORIES	1	LS	\$6,500.00	\$ 6,500.00		
84		<u>SIGNAGE</u>	6,974	SF	\$0.36		\$ 2,500	
85		INTERIOR SIGNAGE, ALLOWANCE	1	LS	\$2,500.00	\$ 2,500.00		
86		<u>FIRE EXTINGUISHERS & CABINETS</u>	6,974	SF	\$0.19		\$ 1,300	
87		FIRE EXTINGUISHERS & CABINETS	4	EA	\$325.00	\$ 1,300.00		
88								
89	11	<u>EQUIPMENT</u>						\$ -
90		PROVIDED BY OTHERS						

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APRIL 18, 2019
ESTIMATE DETAIL - INTERIOR**

Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
91								
92	12	FURNISHINGS					\$ -	
93		PROVIDED BY OTHERS						
94								
95	13	SPECIAL CONSTRUCTION					\$ -	
96		NO SCOPE						
97								
98	14	CONVEYING SYSTEMS					\$ -	
99		NO SCOPE						
100								
101	21	FIRE SUPPRESSION SPRINKLER SYSTEM					\$ 17,920	
102		FIRE SUPPRESSION SPRINKLERS	6,974	SF	\$2.57		\$ 17,920	
103		SPRINKLER SYSTEM (EXTENSION FROM MAIN)	1	LS	\$3,500.00	\$ 3,500.00		
104		SPRINKLER SYSTEM (125 SF/HD)	56	HDS	\$195.00	\$ 10,920.00		
105		SPRINKLER SYSTEM - ENGINEERING	1	LS	\$3,500.00	\$ 3,500.00		
106								
107	22	PLUMBING					\$ 50,500	
108		PLUMBING	6,974	SF	\$7.24		\$ 50,500	
109		NEW PLUMBING FIXTURES - ALLOWANCE	20	EA	\$2,250.00	\$ 45,000.00		
110		DOMESTIC WATER - EXTEND TO MAINS	1	LS	\$2,500.00	\$ 2,500.00		
111		SANITARY - EXTEND TO MAINS	1	LS	\$3,000.00	\$ 3,000.00		
112								
113	23	HEATING / VENTILATING / AIR CONDITIONING					\$ 132,506	
114		HVAC	6,974	SF	\$19.00		\$ 132,506	
115		NEW HVAC SYSTEM	6,974	SF	\$17.50	\$ 122,045.00		
116		HVAC - TEST & BALANCE	6,974	SF	\$1.50	\$ 10,461.00		

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Line	CSI	Description	Total Quantity	Unit	Unit Cost	Extension	Subtotal	Division Subtotal
117								
118	26	ELECTRICAL						\$ 195,315
119		NEW ELECTRICAL WORK	6,974	SF	\$28.01		\$ 195,315	
120		ELECTRICAL, COMMUNICATIONS, & ELECTRONIC SAFETY & SECURITY - ALLOWANCE	6,974	SF	\$22.50	\$ 156,915.00		
121		ELECTRICAL SYSTEMS FOR TRAINING TABLES & COMPUTER DESKS - ALLOWANCE	32	EA	\$1,200.00	\$ 38,400.00		
121								
122	T	DIRECT COST OF WORK:				\$ 688,349.85	\$ 688,350	\$ 688,350