

PROJECT	LITTORAL INNOVATION AND PROTOTYPING FACILITY P-407						
ADDRESS	NAVAL STATION PANAMA CITY FLORIDA						
							
DESCRIPTION		TOTAL HOURS		LABOR INCL. O&P	MATERIAL INCL O&P	SUBTOTAL INCL O&P	
BASE BID							
	Masonry		9488	\$ 967,730	\$ 1,245,988	\$ 2,213,717	
	Subtotal		9488	\$ 967,730	\$ 1,245,988	\$ 2,213,717	
	Sales Tax	7.00%			\$ 72,683	\$ 72,683	
TOTAL BASE BID (INCL. OVERHEAD AND PROFIT)				\$ 967,730	\$ 1,318,670	\$ 2,286,400	
TOTAL HRS (ASSUMED 3 LABORS CREW)			9488 HRS				
TOTAL LABOR COST INCL O&P			\$ 967,730				
TOTAL MATERIAL COST INCL O,P&TAX			\$ 1,318,670				

See next tab for detailed take-offs.

PROJECT ADDRESS				LITTORAL INNOVATION AND PROTOTYPING FACILITY P-407										Email		support@aconengineering.com		Pricing cells																											
DUE DATE				25/8/2025										PH #				Confirm pricing																											
DATE ON PLANS				20/6/2022										Website		http://aconengineering.com/		Please Add/Confirm Price																											
ADDENDUM UPDA				Not Issued																																									
REVISION #				0																																									
Total Base bid				\$2,286,400										MASONRY																															
SR #				DWG. NO.		DETAIL NO.		CSI NO.		DESCRIPTION				QTY.		WASTE		QTY. W/ WASTE		UNIT		LABOR/EQUIP. COST		MATERIAL COST		SUBCONTRACTOR COST		UNIT MANHOURS		HOURLY WAGE		TOTAL HOURS		TOTAL LABOR		TOTAL MATERIAL		TOTAL SUB CONTRACTOR		TOTAL UNIT COST		TOTAL COST			
										MASONRY TAKEOFF																																			
										LEVEL 1 FRAMING PLAN																																			
										CMU WALLS																																			
1				A-101		Notes				12" CMU				943		0%		943		Blocks		\$ 5.45		\$ 12.38		\$ -		0.06		\$ 85		60.49		\$ 6,170.07		\$ 14,015.69		\$ -		\$ 21.40		20,186			
2				A-101		Notes				8" CMU				14,277		0%		14,277		Blocks		\$ 3.88		\$ 8.74		\$ -		0.05		\$ 85		651.71		\$ 66,474.47		\$ 149,738.88		\$ -		\$ 15.14		216,213			
3				A-101		Notes				4" CMU Split Face				5,208		0%		5,208		Blocks		\$ 3.10		\$ 4.96		\$ -		0.04		\$ 85		189.93		\$ 19,373.12		\$ 30,996.99		\$ -		\$ 9.67		50,370			
4				A-101		Notes				Scaffolding				21,510		10%		23,661		SF		\$ 3.78		\$ -		\$ -		0.04		\$ 85		1,052.22		\$ 107,326.80		\$ -		\$ 4.54		107,327					
5				A-101		Notes				Reinforcement				41,540		10%		45,694		LB		\$ 1.18		\$ 1.49		\$ -		0.01		\$ 85		634.34		\$ 64,702.90		\$ 81,701.12		\$ -		\$ 3.20		146,404			
6				A-101		Notes				No 9 Ladder type Reinforcement @ 16" O.C				11,803		10%		12,984		LF		\$ 0.73		\$ 1.05		\$ -		0.01		\$ 85		111.51		\$ 11,373.80		\$ 16,359.57		\$ -		\$ 2.14		27,733			
										Sub Total																								\$ 275,421		\$ 292,812		\$ -							
										LEVEL 2 FRAMING PLAN																																			
										CMU WALLS																																			
7				A-101		Notes				12" CMU				1,690		0%		1,690		Blocks		\$ 5.45		\$ 12.38		\$ -		0.06		\$ 85		108.37		\$ 11,054.18		\$ 25,110.23		\$ -		\$ 21.40		36,164			
8				A-101		Notes				8" CMU				18,388		0%		18,388		Blocks		\$ 3.88		\$ 8.74		\$ -		0.05		\$ 85		839.36		\$ 85,614.80		\$ 192,853.97		\$ -		\$ 15.14		278,469			
9				A-101		Notes				4" CMU Split Face				10,850		0%		10,850		Blocks		\$ 3.10		\$ 4.96		\$ -		0.04		\$ 85		395.70		\$ 40,361.37		\$ 64,578.20		\$ -		\$ 9.67		104,940			
10				A-101		Notes				Scaffolding				28,305		10%		31,135		SF		\$ 3.78		\$ -		\$ -		0.04		\$ 85		1,384.60		\$ 141,229.34		\$ -		\$ 4.54		141,229					
11				A-101		Notes				Reinforcement				53,577		10%		58,935		LB		\$ 1.18		\$ 1.49		\$ -		0.01		\$ 85		818.16		\$ 83,452.20		\$ 105,376.09		\$ -		\$ 3.20		188,828			
12				A-101		Notes				No 9 Ladder type Reinforcement @ 16" O.C				13,980		10%		15,378		LF		\$ 0.73		\$ 1.05		\$ -		0.01		\$ 85		132.07		\$ 13,470.73		\$ 19,375.71		\$ -		\$ 2.14		32,846			
										Sub Total																										\$ 375,183		\$ 407,294		\$ -					
										STAIRS CMU																																			
										CMU WALLS																																			
13				A-101		Notes				8" CMU Wall				6,070		0%		6,070		Blocks		\$ 3.88		\$ 8.74		\$ -		0.05		\$ 85		277.07		\$ 28,260.68		\$ 63,659.36		\$ -		\$ 15.14		91,920			
14				A-101		Notes				Scaffolding				5,521		10%		6,073		SF		\$ 3.78		\$ -		\$ -		0.04		\$ 85		270.09		\$ 27,549.17		\$ -		\$ 4.54		27,549					
15				A-101		Notes				Reinforcement				14,417		10%		15,859		LB		\$ 1.18		\$ 1.49		\$ -		0.01		\$ 85		220.16		\$ 22,456.49		\$ 28,356.08		\$ -		\$ 3.20		50,813			
16				A-101		Notes				No 9 Ladder type Reinforcement @ 16" O.C				4,141		10%		4,555		LF		\$ 0.73		\$ 1.05		\$ -		0.01		\$ 85		39.12		\$ 3,990.26		\$ 5,739.41		\$ -		\$ 2.14		9,730			
										Sub Total																										\$ 82,257		\$ 97,755		\$ -					
										ELEVATOR CMU																																			
										CMU WALLS																																			
17				A-101		Notes				8" CMU Wall				3,425		0%		3,425		Blocks		\$ 3.88		\$ 8.74		\$ -		0.05		\$ 85		156.36		\$ 15,949.09		\$ 35,926.55		\$ -		\$ 15.14		51,876			
18				A-101		Notes				Scaffolding				3,231		10%		3,555		SF		\$ 3.78		\$ -		\$ -		0.04		\$ 85		158.07		\$ 16,123.41		\$ -		\$ 4.54		16,123					
19				A-101		Notes				Reinforcement				8,705		10%		9,576		LB		\$ 1.18		\$ 1.49		\$ -		0.01		\$ 85		132.93		\$ 13,558.97		\$ 17,121.07		\$ -		\$ 3.20		30,680			
20				A-101		Notes				No 9 Ladder type Reinforcement @ 16" O.C				2,424		10%		2,666		LF		\$ 0.73		\$ 1.05		\$ -		0.01		\$ 85		22.90		\$ 2,335.34		\$ 3,359.04		\$ -		\$ 2.14		5,694			
										Sub Total																												\$ 47,967		\$ 56,407		\$ -			
										BRICK VENEER																																			
										BRICK VENEER																																			
21				A-201-A-202		Elevations				Brick Veneer Dark Brown Accent				8,220		10%		9,042		SF		\$ 7.64		\$ 15.22		\$ -		0.09		\$ 85		812.75		\$ 82,900.99		\$ 165,150.92		\$ -		\$ 27.43		248,052			
22				A-201-A-202		Elevations				Brick Masonry Tan Accent				8,483		10%		9,331		SF		\$ 8.15		\$ 17.65		\$ -		0.10		\$ 85		894.70		\$ 91,259.47		\$ 197,635.54		\$ -		\$ 30.96		288,895			
23				A-201-A-202		Elevations				Soldier Course Tan Accent				1,126		10%		1,239		SF		\$ 8.57		\$ 19.46		\$ -		0.10		\$ 85		124.92		\$ 12,741.95		\$ 28,933.29		\$ -		\$ 33.64		41,675			
										Sub Total																																			

SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	LABOR/EQUI P. COST	MATERIAL COST	SUBCONTR ACTOR COST	UNIT MANHOURS	HOURLY WAGE	TOTAL HOURS	TOTAL LABOR	TOTAL MATERIAL	TOTAL SUB CONTRACTOR	TOTAL UNIT COST	TOTAL COST

BUILDING

LEVEL 1 FRAMING PLAN

Dwg.	Detail No	Name/Description	High (ft)	Length(ft)	Vertical Courses	Horizontal Courses	# of Blocks	# Blocks Opening	Total # of Blocks	Scaffolding (SF)	
A-101	Plan	8" CMU Wall BE=100'-0" TE=117'-0"	17	755.56	1133	13	14450	2374	12076	12845	
A-101	Plan	12" CMU Wall BE=100'-0" TE=117'-0"	17	49.33	74	13	943	0	943	839	
A-101	Plan	4" Split Face CMU BE=100'-0" TE=117'-0"	17	339.54	509	13	6494	1286	5208	5772	
A-101	Plan	8" Thick CMU Wall H=3'-4"	3.34	165.22	248	3	621	0	621	552	
A-101	Plan	8" CMU Wall BE=100'-0" TE=111'-4"	11.34	31.99	48	9	408	0	408	363	
A-101	Plan	8" Thick Interior CMU Wall BE=100'-0" TE=117'-0"	17	39.65	59	13	758	110	648	674	
A-101	Plan	8" CMU Wall BE=100'-0" TE=117'-0"	17	27.42	41	13	524	0	524	466	
							TOTAL 12" CMU		943	21510	
							TOTAL 8" CMU		14277		
							TOTAL 4" CMU Split Face		5208		

REINFORCING

Dwg.	Detail No	Name	High (ft)	Length(ft)	Description	Weight (lbs/ft)	Units	Extra bars at corners	Total bars	Bar Length (ft)	Total Lbs	9 GA. Galvanize d Horiz.	
A-101	Plan	8" CMU Wall BE=100'-0" TE=117'-0"	17	755.56	#5@8"	1.043	1133	60	1193	24.08	29975	9633	
A-101	Plan	12" CMU Wall BE=100'-0" TE=117'-0"	17	49.33	2#6@8"	1.503	148	20	168	24.08	6081	629	
A-101	Plan	8" Thick CMU Wall H=3'-4"	3.34	165.22	#5@8"	1.043	248	8	256	4.73	1263	414	
A-101	Plan	8" CMU Wall BE=100'-0" TE=111'-4"	11.34	31.99	#5@8"	1.043	48	4	52	16.07	871	272	
A-101	Plan	8" Thick Interior CMU Wall BE=100'-0" TE=117'-0"	17	39.65	#5@8"	1.043	59	10	69	24.08	1745	506	
A-101	Plan	8" CMU Wall BE=100'-0" TE=117'-0"	17	27.42	#5@8"	1.043	41	4	45	24.08	1134	350	
A-101		Bond Beam		2138.34	2#5 Cont	1.043	2	0	2	2138.34	4461	0	
						Opening Reinf. Deduction			3989		LBS	41540	11803
											TONS	20.77	

TOTAL 12" CMU	943	Blocks
TOTAL 8" CMU	14277	Blocks
TOTAL 4" CMU Sp	5208	Blocks
Scaffolding	21510	SF
Reinforcement	41540	LBS
TONS	20.77	TONS
9 GA. Galvanized	11803	LF

LEVEL 2 FRAMING PLAN

Dwg.	Detail No	Name/Description	High (ft)	Length(ft)	Vertical Courses	Horizontal Courses	# of Blocks	# Blocks Opening	Total # of Blocks	Scaffolding (SF)	
A-102	Plan	12" CMU Wall BE=117'-0" TE=147'-4"	30.34	49.52	74	23	1690	0	1690	1502	
A-102	Plan	8" CMU Wall BE=117'-0" TE=141'-4"	24.34	164	246	18	4491	705	3785	3992	

A-102	Plan	8" CMU Wall BE=117'-0" TE=120'-0"	3	89.23	134	2	301	0	301	268	
A-102	Plan	8" CMU Wall BE=117'-0" TE=137'-4"	20.34	42.81	64	15	980	0	980	871	
A-102	Plan	8" CMU Wall BE=117'-0" TE=141'-4"	24.34	177.37	266	18	4857	0	4857	4317	
A-102	Plan	8" CMU Wall BE=117'-0" TE=150'-0"	33	172.27	258	25	6396	24	6372	5685	
A-102	Plan	8" CMU Wall BE=117'-0" TE=137'-4"	20.34	98.56	148	15	2255	162	2093	2005	
A-102	Plan	4" Split Face CMU BE=117'-0" TE=141'-4"	24.34	177.66	266	18	4865	0	4865	4324	
A-102	Plan	4" Split Face CMU BE=117'-0" TE=150'-0"	33	161.85	243	25	6009	24	5985	5341	
							TOTAL 12" CMU		1690	28305	
							TOTAL 8" CMU		18388		
							TOTAL 4" CMU Split Face		10850		

REINFORCING													
Dwg.	Detail No	Name	High (ft)	Length(ft)	Description	Weight (lbs/ft)	Units	Extra bars at corners	Total bars	Bar Length (ft)	Total Lbs	9 GA. Galvanize d Horiz.	
A-102	Plan	12" CMU Wall BE=117'-0" TE=147'-4"	30.34	49.52	2#6@8"	1.503	149	20	169	42.98	10889	1127	
A-102	Plan	8" CMU Wall BE=117'-0" TE=141'-4"	24.34	164	#5@8"	1.043	246	31	277	34.48	9962	2994	
A-102	Plan	8" CMU Wall BE=117'-0" TE=120'-0"	3	89.23	#5@8"	1.043	134	0	134	4.25	593	201	
A-102	Plan	8" CMU Wall BE=117'-0" TE=137'-4"	20.34	42.81	#5@8"	1.043	64	7	71	28.82	2140	653	
A-102	Plan	8" CMU Wall BE=117'-0" TE=141'-4"	24.34	177.37	#5@8"	1.043	266	6	272	34.48	9784	3238	
A-102	Plan	8" CMU Wall BE=117'-0" TE=150'-0"	33	172.27	#5@8"	1.043	258	14	272	46.75	13283	4264	
A-102	Plan	8" CMU Wall BE=117'-0" TE=137'-4"	20.34	98.56	#5@8"	1.043	148	20	168	28.82	5044	1504	
A-101		Bond Beam		1587.52	2#5 Cont	1.043	2	0	2	1587.52	3312	0	
						Opening Reinf. Deduction			1430		LBS	53577	13980
											TONS	26.79	

TOTAL 12" CMU	1690	Blocks
TOTAL 8" CMU	18388	Blocks
TOTAL 4" CMU Sp	10850	Blocks
Scaffolding	28305	SF
Reinforcement	53577	LBS
TONS	26.79	TONS
9 GA. Galvanized	13980	LF

STAIRS CMU												
Dwg.	Detail No	Name/Description	High (ft)	Length(ft)	Vertical Courses	Horizontal Courses	# of Blocks	# Blocks Opening	Total # of Blocks	Scaffolding (SF)		
A-101	Plan	8" CMU Stair S2 Wall BE=100'-0" TE=150'-0"	50	73.99	111	38	4162	95	4067	3700		
A-101	Plan	8" CMU Stair S1 Wall BE=100'-0" TE=137'-4"	37.34	48.79	73	28	2050	47	2002	1822		
							TOTAL 8" CMU		6070	5521		
REINFORCING												
Dwg.	Detail No	Name	High (ft)	Length(ft)	Description	Weight (lbs/ft)	Units	Extra bars at corners	Total bars	Bar Length (ft)	Total Lbs	9 GA. Galvanize d Horiz.
A-101	Plan	8" CMU Stair S2 Wall BE=100'-0" TE=150'-0"	50	73.99	#5@8"	1.043	111	12	123	70.83	9086	2775

A-101	Plan	8" CMU Stair S1 Wall BE=100'-0" TE=137'-4"	37.34	48.79	#5@8"	1.043	73	9	82	52.90	4534	1366	
A-101		Bond Beam		491.12	2#5 Cont	1.043	2	0	2	491.12	1024	0	
						Opening Reinf. Deduction			228		LBS	14417	4141
											TONS	7.21	

TOTAL 8" CMU	6070	Blocks
Scaffolding	5521	SF
Reinforcement	14417	LBS
TONS	7.21	TONS
9 GA. Galvanized	4141	LF

ELEVATOR CMU											
Dwg.	Detail No	Name/Description	High (ft)	Length(ft)	Vertical Courses	Horizontal Courses	# of Blocks	# Blocks Opening	Total # of Blocks	Scaffolding (SF)	
A-101	Plan	8" CMU Elevator Wall BE=100'-0" TE=137'-4"	37.34	45.17	68	28	1897	65	1833	1687	
A-101	Plan	8" CMU Elevator Wall BE=100'-0" TE=137'-4"	37.34	41.37	62	28	1738	145	1593	1545	
							TOTAL 8" CMU		3425	3231	

REINFORCING													
Dwg.	Detail No	Name	High (ft)	Length(ft)	Description	Weight (lbs/ft)	Units	Extra bars at corners	Total bars	Bar Length (ft)	Total Lbs	9 GA. Galvanize d Horiz.	
A-101	Plan	8" CMU Elevator Wall BE=100'-0" TE=137'-4"	37.34	45.17	#5@8"	1.043	68	12	80	52.90	4400	1265	
A-101	Plan	8" CMU Elevator Wall BE=100'-0" TE=137'-4"	37.34	41.37	#5@8"	1.043	62	9	71	52.90	3920	1159	
A-101		Bond Beam		346.16	2#5 Cont	1.043	2	0	2	346.16	722	0	
						Opening Reinf. Deduction			338		LBS	8705	2424
											TONS	4.35	

TOTAL 8" CMU	3425	Blocks
Scaffolding	3231	SF
Reinforcement	8705	LBS
TONS	4.35	TONS
9 GA. Galvanized	2424	LF