

The Carell Group, Inc.

Mendon Police Headquarters

Preliminary Construction Estimate June 4, 2015

	Quant	Units	\$ per	Pending	Done
Site					
Clear and Grub, Remaining				1,100	
Construction Gate/Fence				1,000	
Misc Site Prep					5,000
Erosion Control	1000	ft	11.00		11,000
Strip/Stockpile Exist Material					4,000
Grading	6750	sy	0.80		5,400
Excavate Site Amenities				2,500	
Gravel Base, Pavement 12"	1137	sy	24.00	27,288	
Gravel Base, Building 8"	164	sy	28.00		4,592
Foundation Excavation	700	cy	7.50		5,250
Foudation Backfill	500	cy	6.00		3,000
Misc Earthwork				2,500	
Loam and Seed				18,000	
Planting, Allow				20,000	
Bit Curbing, Allow	400	lf	2.38	952	
Bit Paving	3411	sy	26.00	88,686	
Conc Paving	1700	sf	4.50	7,650	
Conc Aprons	200	sf	9.00	1,800	
Pavement Striping				1,500	
EB Electrical Ductbank	110	lf	65.00		7,150
EB T/D Ductbank	110	lf	50.00		5,500
Downspout Connection	12	ea	750.00	9,000	
Perimeter Roof Drain	400	lf	40.00	16,000	
Sand Gas Trap				4,000	
FD Holding Tank				9,000	
CB	3	ea	2500.00	7,500	
MH	2	ea	2500.00	5,000	
Drain Lines	200	ft	41.00	8,200	
Dumpster Pad Fence and Gate				5,250	
Bollards	4	ea	425.00	1,700	
Well, Domestic water					20,000
Water Service					9,750
On site Sepic system					55,000
Site Signage				1,000	
Flagpole, w Conc Base				4,200	
Misc Site Improvemnts				2,500	
Concrete					
Interior Wall Footings	20	cy	345.00	6,900	

Perimter Wall Footings	28	cy	325.00		9,100
Perimeter Foundation Wall	42	cy	825.00		34,650
Column footing					435
Slab on Grade, 4"	792	sf	4.80	3,802	
Slab on Grade, 6"	5908	sf	5.30	31,312	
Vapor Barrier	6700	sf	0.60	4,020	
Reinf Edge, Depressed Slab				1,500	
Form Trench Drain				750	
Mech Pads				2,200	
Cell Bunks	24	lf	80.00	1,920	
Detention Bench	8	lf	80.00	640	
Slab Sealant	800	sf	1.00	800	
Masonry					
Detention Walls	2930	sf	23.50	68,855	
Other Walls	940	sf	18.50	17,390	
Bunks				1,360	
Low Wall at Booking Desk				1,200	
Metals					
Security Ceiling	600	sf	55.00	33,000	
Chase Panels	4	ea	1600.00	6,400	
Murphy Bars	15	lf	75.00	1,125	
SS Dip Tray in Lobby				1,000	
Loose Lintles	20	ea	28.00	560	
Angle Frames for CMU Partitions	50	lf	115.00	5,750	
Slab Edge Angles, Galv	24	lf	30.00	720	
Misc Metals				5,000	
Rough Carpentry					
Roof Trusses	6700	sf	15.00		100,500
Roof Sheathing	7500	sf	2.40		18,000
Wall Framing	4560	sf	10.00		45,600
Wall Sheathing	4560	sf	2.40		10,944
Rake/Facia	430	lf	10.00		4,300
Blocking	500	lf	4.50		2,250
Misc	6700	sf	0.50		3,350
Finish Carpentry					
Rake	120	lf	28.00		3,360
Fascia	240	lf	28.00		6,720
Soffit	240	lf	9.00		2,160
Gable Returns	4	ea	475.00		1,900
Columns	6	ea	850.00		5,100
Exterior Trim					3,000
Clapboard Siding	4440	sf	2.50		11,100
Interior Window Trim	10	ea	361.00	3,610	

Closet Poles and Shelves	24	lf	25.00	600	
Closet Shelves	100	lf	22.00	2,200	
Casework					
Lavatory Cabinets	10	lf	245.00	2,450	
Evid Processing	6	lf	450.00	2,700	
Armory	9	lf	450.00	4,050	
Booking	27	lf	300.00	8,100	
Report	6	lf	375.00	2,250	
Conference Rm	16	lf	300.00	4,800	
Kitchenette	7	lf	400.00	2,800	
Kitchen	14	lf	400.00	5,600	
Weather Protection/Caulking					
Foundation Dampproofing	1480	sf	2.10		3,108
Foundation Insulation Vert	1480	sf	2.75		4,070
Foundation Insulation Horiz	740	sf	2.75	2,035	
Roofing and Underlayment	7620	sf	7.25		55,245
Canopy Flashing					3,000
Gutters	230	lf	28.00		6,440
Downspouts	240	lf	26.00		6,240
Soffit Vent	230	lf	2.15		495
Wall Insulation	4440	sf	2.25	9,990	
Roof Insulation	7620	sf	2.50	19,050	
Air/Vapor Barrier	11140	sf	2.35	26,179	
Caulking	6700	sf	2.00	13,400	
Doors and Windows					
Exterior Doors	2	ea	2000.00		4,000
Alum Storfront	1	ea	3500.00		3,500
OH Doors	2	ea	8000.00		16,000
Windows	10	ea	1100.00		11,000
Cell Doors	5	ea	8000.00	40,000	
Interior Doors	41	ea	900.00	36,900	
Interview Window				1,152	
Lobby Transaction Window				5,400	
Access Panels				2,500	
Security Glazing in Lobby				8,100	
Interview Window				5,000	
Cell Door Glazing				5,000	
General Door Glazing				5,000	
Finishes					
Partitions, Typ	4600	sf	9.00	41,400	
Partition, Ext Wall	3700	sf	6.50	24,050	
GWB Ceiling	992	sf	8.00	7,936	
ACT Ceiling	5700	sf	4.50	25,650	

CT Floor	630	sf	14.00	8,820	
CT Wall	822	sf	15.00	12,330	
VCT	2224	sf	4.00	8,896	
Carpet	200	sy	42.00	8,400	
Vinyl Base	1290	lf	2.50	3,225	
Epoxy	960	sf	12.00	11,520	
Specialties					
Raised Access Floor	594	sf	25.00	14,850	
Toilet Partitions				4,670	
Pistol Lockers	2	ea	200.00	400	
Wardrobe Lockers	23	ea	1000.00	23,000	
Evidence Pass Through	1	ea	3000.00	3,000	
Property Lockers	4	ea	250.00	1,000	
Dispatch Lockers	4	ea	250.00	1,000	
Package Reciever	1	ea	2000.00	2,000	
Toilet Accessories				6,000	
Appliances				6,300	
Marker Board	2	ea	1400.00	2,800	
Fire Extinguishers w Cabinets	4	ea	350.00	1,400	
Interior Signage				3,000	
Fume Hood	1	ea		5,000	
Dedication Plaque	1	ea		2,000	
Fire Protection NA					
Plumbing					
UG Plumbing	6700		3.60		24,120
Plumbing System	6700		14.40	96,480	
HVAC					
HVAC	6700		30.00	201,000	
Electrical					
Electrical	6700		31.00	207,700	
SUB TOTAL				1,395,223	535,329
General Conditions, Bonds, Insur	20%			279,045	107,066
Subtotal				1,674,268	642,394
Design Contingency	10%			167,427	
Escalation	5%			83,713	
TOTAL				1,925,408	642,394