

01/10/19

**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

## ORDER OF MAGNITUDE COST ESTIMATE

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	OPTION # 1 NEW CONSTRUCTION	OPTION # 2 NEW CONSTRUCTION	OPTION # 3 ADDITION / RENOVATION	COMMENTS
01	GENERAL REQUIREMENTS	\$821,661	\$814,486	\$753,810	
02	EXISTING CONDITIONS	\$0	\$0	\$98,000	
03	CONCRETE	\$528,623	\$497,038	\$303,122	
04	MASONRY	\$734,000	\$783,500	\$724,750	
05	METALS	\$1,257,004	\$1,240,449	\$895,127	
06	WOOD & PLASTICS	\$346,100	\$339,600	\$344,475	
07	THERMAL & MOISTURE PROTECTION	\$331,830	\$354,178	\$312,414	
08	OPENINGS	\$411,650	\$418,150	\$388,650	
09	FINISHES	\$605,291	\$586,330	\$587,224	
10	SPECIALTIES	\$191,600	\$191,600	\$191,600	
11	EQUIPMENT	\$113,500	\$113,500	\$113,500	
12	FURNISHINGS	\$0	\$0	\$0	
13	SPECIAL CONSTRUCTION	\$335,000	\$335,000	\$335,000	
14	CONVEYING SYSTEMS	\$163,000	\$163,000	\$203,000	
21	FIRE SUPPRESSION	\$107,801	\$106,575	\$110,584	
22	PLUMBING	\$457,091	\$457,091	\$457,091	
23	HVAC	\$1,418,615	\$1,403,900	\$1,452,005	
25	INTEGRATED AUTOMATION	\$0	\$0	\$0	Included w/ Item 23
26	ELECTRICAL	\$1,321,145	\$1,309,700	\$1,347,115	
27	COMMUNICATIONS	\$172,482	\$170,520	\$176,748	
28	ELECTRONIC SAFETY & SECURITY	\$215,603	\$213,150	\$220,935	
31	EARTHWORK	\$527,875	\$486,250	\$217,450	
32	EXTERIOR IMPROVEMENTS	\$802,550	\$781,550	\$713,835	
33	UTILITIES	\$230,000	\$230,000	\$230,000	
<b>SUBTOTAL</b>		<b>\$11,092,419</b>	<b>\$10,995,567</b>	<b>\$10,176,433</b>	
<b>GC FEE 6%</b>		<b>\$665,545</b>	<b>\$659,734</b>	<b>\$610,586</b>	
<b>P &amp; P BOND / INSURANCE 1.5%</b>		<b>\$176,369</b>	<b>\$174,830</b>	<b>\$161,805</b>	
<b>DESIGN / ESTIMATING CONTINGENCY 15%</b>		<b>\$1,790,150</b>	<b>\$1,774,520</b>	<b>\$1,642,324</b>	
<b>INFLATION 10.0%</b>		<b>\$1,372,448</b>	<b>\$1,360,465</b>	<b>\$1,259,115</b>	Start date Q 3 2020
<b>TOTAL</b>		<b>\$15,096,932</b>	<b>\$14,965,115</b>	<b>\$13,850,263</b>	

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**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

OPTION 1

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>01</b>	<b>GENERAL CONDITIONS:</b>									
	General Conditions	%	8.00%	\$10,270,758			\$821,661	\$821,661	\$821,661	Total General Conditions
<b>02</b>	<b>EXISTING CONDITIONS</b>									
	Incl. w/ Div 31	Ea	0				\$0	\$0	\$0	
<b>03</b>	<b>CONCRETE:</b>									
	Slab on grade & foundations	Sf	15,100	\$17.00			\$256,700	\$256,700		Conventional spread footings
	Slab on deck	Sf	13,246	\$3.75			\$49,673	\$49,673		
	Elevator pit	Ea	1	\$10,000.00			\$10,000	\$10,000		
	Basement walls	Sf	5,350	\$35.00			\$187,250	\$187,250		
	Misc. Concrete	Ls	1	\$25,000.00			\$25,000	\$25,000		
									\$528,623	Total Concrete
<b>04</b>	<b>MASONRY:</b>									
	Interior masonry walls	Sf	9,500	\$13.50			\$128,250	\$128,250		
	Brick, insul., block	Sf	12,350	\$45.00			\$555,750	\$555,750		
	Cast stone features	Allow	1	\$50,000.00			\$50,000	\$50,000		
									\$734,000	Total Masonry
<b>05</b>	<b>METALS:</b>									
	Roof framing & decking	Sf	15,077	\$38.00			\$572,926	\$572,926		
	Floor framing & decking	Sf	13,246	\$43.00			\$569,578	\$569,578		
	Equipment support framing	Ls	1	\$20,000.00			\$20,000	\$20,000		
	Fire stairs	Fl	2	\$8,500.00			\$17,000	\$17,000		
	Circulation stair	Fl	2	\$10,000.00			\$20,000	\$20,000		
	Atrium railing	Lf	30	\$250.00			\$7,500	\$7,500		
	Misc metals	Ls	1	\$50,000.00			\$50,000	\$50,000		
									\$1,257,004	Total Metals

**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

## OPTION 1

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>06</b>	<b>WOOD &amp; PLASTICS:</b>									
	Rough carpentry	Hr	500	\$65.00			\$32,500	\$32,500		
	Rough lumber	Ea	1	\$10,000.00			\$10,000	\$10,000		
	Install doors & frames	Hr	575	\$65.00			\$37,375	\$37,375		
	Install Div. 10 items	Hr	100	\$65.00			\$6,500	\$6,500		
	Finish carpentry	Hr	975	\$65.00			\$63,375	\$63,375		
	Casework & Millwork -									
	Reception counter	Lf	20	\$350.00			\$7,000	\$7,000		
	Dispatch, records, Data Entry counter	Lf	60	\$200.00			\$12,000	\$12,000		
	Lav tops	Lf	55	\$200.00			\$11,000	\$11,000		
	Traffic counter	Lf	40	\$200.00			\$8,000	\$8,000		
	Report Writing counter	Lf	15	\$200.00			\$3,000	\$3,000		
	Bag & tag - B & W cabinet	Lf	7	\$650.00			\$4,550	\$4,550		
	Evidence Lab - B & W cabinet	Lf	41	\$800.00			\$32,800	\$32,800		
	Copy / print B & W cabinet	Lf	60	\$650.00			\$39,000	\$39,000		
	Break Rm B & W cabinet	Lf	15	\$650.00			\$9,750	\$9,750		
	Kitchenette	Ea	1	\$3,500.00			\$3,500	\$3,500		
	Sargent counter top	Lf	55	\$200.00			\$11,000	\$11,000		
	Ready room B& W cabinet	Lf	15	\$650.00			\$9,750	\$9,750		
	Detective casework	Allow	1	\$20,000.00			\$20,000	\$20,000		
	Conference Rm credenza	Lf	12	\$600.00			\$7,200	\$7,200		
	Community Rm casework	Lf	12	\$650.00			\$7,800	\$7,800		
	Misc. casework	Allow	1	\$10,000.00			\$10,000	\$10,000		
									\$346,100	Total Wood & Plastics
<b>07</b>	<b>THERMAL &amp; MOISTURE PROTECTION:</b>									
	Basement wall waterproofing	Sf	5,350	\$3.90			\$20,865	\$20,865		
	Elevator pit waterproofing	Ea	1	\$1,500.00			\$1,500	\$1,500		
	Fireproofing	Sf	28,747	\$2.50			\$71,868	\$71,868		
	Exterior wall cavity damproofing	Sf	12,350	\$3.50			\$43,225	\$43,225		
	EPDM roofing, insulation, & shtmtl.	Sf	13,348	\$14.00			\$186,872	\$186,872		
	Caulking & firestopping	Ea	1	\$7,500.00			\$7,500	\$7,500		
									\$331,830	Total Thermal & Moist . Protec.
<b>08</b>	<b>OPENINGS:</b>									
	Doors & Hardware									
	Interior doors & hardware	Ea	113	\$1,200.00			\$135,600	\$135,600		
	Exterior doors & hardware	Ea	3	\$1,350.00			\$4,050	\$4,050		
	Roll down grille	Ea	1	\$2,500.00			\$2,500	\$2,500		Armorer's Control Rm
	OH Doors	Ea	3	\$10,000.00			\$30,000	\$30,000		
									\$172,150	Subtotal Openings

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NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>08</b>	<b>OPENINGS:</b>									
	Windows & Glazing									
	Interior sidelights	Ls	1	\$15,000.00			\$15,000	\$15,000		
	Entrance & vestibule	Ea	1	\$30,000.00			\$30,000	\$30,000		
	Exterior glazing	Sf	2,500	\$65.00			\$162,500	\$162,500		20% of exterior
	Bullet proof glass upgrade	Allow	1	\$50,000.00			\$50,000	\$50,000		
									\$411,650	Total Openings
<b>09</b>	<b>FINISHES:</b>									
	Acoustical & drywall ceilings, bulkheads	Sf	28,747	\$4.00			\$114,988	\$114,988		
	Drywall Partitions	Lf	2,260	\$95.00			\$214,700	\$214,700		
	Tile -									
	Ceramic floor & wall tile	Ls	1	\$60,000.00			\$60,000	\$60,000		
	Flooring -	Sf	28,747	\$4.50			\$129,362	\$129,362		
	Painting -	Sf	28,747	\$3.00			\$86,241	\$86,241		
									\$605,291	Total Finishes
<b>10</b>	<b>SPECIALTIES:</b>									
	Interior signage	Ls	1	\$25,000.00			\$25,000	\$25,000		
	Exterior signage	Allow	1	\$25,000.00			\$25,000	\$25,000		
	Toilet Accessories & Partitions -									
	Public	Ea	4	\$3,500.00			\$14,000	\$14,000		
	Private	Ea	4	\$500.00			\$2,000	\$2,000		
	Lockers	Ea	8	\$200.00			\$1,600	\$1,600		
	Locker Room lockers	Ea	54	\$750.00			\$40,500	\$40,500		
	Chalk & tack boards	Ls	1	\$3,000.00			\$3,000	\$3,000		
	Storage shelving	Ls	1	\$10,000.00			\$10,000	\$10,000		
	Evidence storage	Ls	1	\$30,000.00			\$30,000	\$30,000		
	Folding partition	Ea	1	\$18,000.00			\$18,000	\$18,000		
	Entrance canopy	Ls	1	\$20,000.00			\$20,000	\$20,000		
	Misc. specialties	Ls	1	\$2,500.00			\$2,500	\$2,500		
									\$191,600	Total Specialties
<b>11</b>	<b>EQUIPMENT:</b>									
	Evidence storage	Ea	1	\$40,000.00			\$40,000	\$40,000		
	Detention area provisions	Allow	1	\$60,000.00			\$60,000	\$60,000		
	Residential appliances	Ls	1	\$10,000.00			\$10,000	\$10,000		
	Decom appliances	Ls	1	\$3,500.00			\$3,500	\$3,500		
									\$113,500	Total Equipment
<b>12</b>	<b>FURNISHINGS:</b>									
	F F & E by others	Ea	0	\$0.00			\$0	\$0	\$0	

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<b>13</b>	<b>SPECIAL CONSTRUCTION:</b>									
	Firing range provisions	Allow	1	\$200,000.00			\$200,000	\$200,000		
	Conversion of Police functions -Town Hall	Sf	1,800	\$75.00			\$135,000	\$135,000		
									\$335,000	Total Special Construction
<b>14</b>	<b>CONVEYING SYSTEMS:</b>									
	Demo existing elevator	Ea	1	\$13,000.00			\$13,000	\$13,000		
	Three stop double sided elevator	Ea	1	\$150,000.00			\$150,000	\$150,000		
									\$163,000	Total Conveying Systems
<b>21</b>	<b>FIRE PROTECTION:</b>									
	Wet sprinkler system	Sf	28,747	\$3.75			\$107,801	\$107,801	\$107,801	Total Fire Protection
<b>22</b>	<b>PLUMBING:</b>									
	Locker / shower room plumbing	Ls	1	\$50,000.00			\$50,000	\$50,000		Incl. piping
	Decom plumbing	Ls	1	\$7,500.00			\$7,500	\$7,500		Incl. piping
	Public restroom plumbing	Rms	4	\$50,000.00			\$200,000	\$200,000		Incl. piping
	Private restroom plumbing	Rms	4	\$15,000.00			\$60,000	\$60,000		Incl. piping
	Kitchen plumbing	Ls	1	\$5,500.00			\$5,500	\$5,500		Incl. piping
	Detention plumbing	Cell	3	\$0.00			\$0	\$0		None incl.
	Decom plumbing	Ls	1	\$10,000.00			\$10,000	\$10,000		Incl. piping
	Kitchenette plumbing	Ls	1	\$5,500.00			\$5,500	\$5,500		Incl. piping
	Garage floor draianage	Sf	1,169	\$5.50			\$6,430	\$6,430		Incl. piping
	Elevator pit sump pump	Ea	1	\$3,500.00			\$3,500	\$3,500		Incl. piping
	Roof drainage	Sf	16,189	\$3.50			\$56,662	\$56,662		Incl. piping
	Domestic Water Heater System	Ea	1	\$12,000.00			\$12,000	\$12,000		
	Gas piping system	Ea	1	\$25,000.00			\$25,000	\$25,000		
	Misc. plumbing	Ls	1	\$15,000.00			\$15,000	\$15,000		
									\$457,091	Total Plumbing
<b>23</b>	<b>HVAC</b>									
	VRF Cooling & Heating	Sf	28,747	\$45.00			\$1,293,615	\$1,293,615		
	Firing Range HVAC provisions	Ls	1	\$100,000.00			\$100,000	\$100,000		
	General exhaust	Ls	1	\$10,000.00			\$10,000	\$10,000		
	Unit heaters, heating coils	Ls	1	\$15,000.00			\$15,000	\$15,000		
									\$1,418,615	Total HVAC
<b>26</b>	<b>ELECTRICAL:</b>									
	Service & distribution	Sf	28,747	\$12.00			\$344,964	\$344,964		
	Power & Lighting	Sf	28,747	\$23.00			\$661,181	\$661,181		
	Lightning protection system	Ea	1	\$15,000.00			\$15,000	\$15,000		
	Emergency power	Allow	1	\$300,000.00			\$300,000	\$300,000		
									\$1,321,145	Total Electrical

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NEW POLICE FACILITY, VIENNA, VA

## OPTION 1

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>27</b>	<b>COMMUNICATIONS:</b>									
	Voice & data	Sf	28,747	\$4.50			\$129,362	\$129,362		
	Intercom system	Sf	28,747	\$1.50			\$43,121	\$43,121		
									\$172,482	Total Communications
<b>28</b>	<b>ELECTRONIC SAFETY &amp; SECURITY:</b>									
	Fire Alarm system	Sf	28,747	\$3.00			\$86,241	\$86,241		
	Access control	Sf	28,747	\$1.00			\$28,747	\$28,747		
	Security system	Sf	28,747	\$3.50			\$100,615	\$100,615		
									\$215,603	Total Safety & Security
<b>31</b>	<b>EARTHWORK:</b>									
	Sediment control & construction entrance	Ea	1	\$40,000.00			\$40,000	\$40,000		
	Demo storage building	Ea	1	\$20,000.00			\$20,000	\$20,000		
	Demo existing building	Ea	1	\$75,000.00			\$75,000	\$75,000		
	Demo basement	Ea	1	\$50,000.00			\$50,000	\$50,000		
	Rmv existing generator	Ea	1	\$15,000.00			\$15,000	\$15,000		
	Rmv existing paving & waks	Sf	12,000	\$2.00			\$24,000	\$24,000		
	Site demo / clear & grubb	Ls	1	\$25,000.00			\$25,000	\$25,000		
	Basement excavation	Cy	4,200	\$40.00			\$168,000	\$168,000		
	Basement backfill	Cy	700	\$7.50			\$5,250	\$5,250		
	Grading	Sf	52,500	\$1.25			\$65,625	\$65,625		
	Misc. machine & hand work	Ls	1	\$20,000.00			\$20,000	\$20,000		
	Layout	Ea	1	\$20,000.00			\$20,000	\$20,000		
									\$527,875	Total Earthwork
<b>32</b>	<b>EXTERIOR IMPROVEMENTS:</b>									
	Sidewalks	Sf	2,500	\$7.50			\$18,750	\$18,750		
	Asphalt paving, curb & gutter	Sy	2,000	\$48.00			\$96,000	\$96,000		
	Plaza	Sf	6,580	\$50.00			\$329,000	\$329,000		
	Landscaping	Allow	1	\$45,000.00			\$45,000	\$45,000		
	Secure fencing	Lf	570	\$90.00			\$51,300	\$51,300		
	Speed gates	Ea	2	\$65,000.00			\$130,000	\$130,000		
	Site lighting	Ls	1	\$35,000.00			\$35,000	\$35,000		
	Bike Storage	Ea	1	\$10,000.00			\$10,000	\$10,000		
	Striping & signage	Ls	1	\$7,500.00			\$7,500	\$7,500		
	Generator enclosure	Ea	1	\$20,000.00			\$20,000	\$20,000		
	Dumpster pad & enclosre	Ea	1	\$15,000.00			\$15,000	\$15,000		
	Interface repairs	Ls	1	\$30,000.00			\$30,000	\$30,000		
	Misc.- site furn., flag poles, etc	Allow	1	\$15,000.00			\$15,000	\$15,000		
									\$802,550	Total Exterior Improvements

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NEW POLICE FACILITY, VIENNA, VA

OPTION 1

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NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
33	UTILITIES:									
	Utility demolition	Ls	1	\$30,000.00			\$30,000	\$30,000		
	Water service - domestic & fire	Ls	1	\$45,000.00			\$45,000	\$45,000		
	Sewer to building	Ls	1	\$25,000.00			\$25,000	\$25,000		
	Storm drainage	Ls	1	\$50,000.00			\$50,000	\$50,000		
	Electric / communications service	Ls	1	\$30,000.00			\$30,000	\$30,000		Ductbanks
	SWM provisions	Allow	1	\$50,000.00			\$50,000	\$50,000		
									\$230,000	Total Utilities

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**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

OPTION 2

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>01</b>	<b>GENERAL CONDITIONS:</b>									
	General Conditions	%	8.00%	\$10,181,081			\$814,486	\$814,486	\$814,486	Total General Conditions
<b>02</b>	<b>EXISTING CONDITIONS</b>									
	Incl. w/ Div 31	Ea	0				\$0	\$0	\$0	
<b>03</b>	<b>CONCRETE:</b>									
	Slab on grade & foundations	Sf	15,077	\$17.00			\$256,309	\$256,309		Conventional spread footings
	Slab on deck	Sf	12,861	\$3.75			\$48,229	\$48,229		
	Elevator pit	Ea	1	\$10,000.00			\$10,000	\$10,000		
	Basement walls	Sf	4,500	\$35.00			\$157,500	\$157,500		
	Misc. Concrete	Ls	1	\$25,000.00			\$25,000	\$25,000		
									\$497,038	Total Concrete
<b>04</b>	<b>MASONRY:</b>									
	Interior masonry walls	Sf	11,000	\$13.50			\$148,500	\$148,500		
	Brick, insul., block	Sf	13,000	\$45.00			\$585,000	\$585,000		
	Cast stone features	Allow	1	\$50,000.00			\$50,000	\$50,000		
									\$783,500	Total Masonry
<b>05</b>	<b>METALS:</b>									
	Roof framing & decking	Sf	15,077	\$38.00			\$572,926	\$572,926		
	Floor framing & decking	Sf	12,861	\$43.00			\$553,023	\$553,023		
	Equipment support framing	Ls	1	\$20,000.00			\$20,000	\$20,000		
	Fire stairs	Fl	2	\$8,500.00			\$17,000	\$17,000		
	Circulation stair	Fl	2	\$10,000.00			\$20,000	\$20,000		
	Atrium railing	Lf	30	\$250.00			\$7,500	\$7,500		
	Misc metals	Ls	1	\$50,000.00			\$50,000	\$50,000		
									\$1,240,449	Total Metals



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## OPTION 2

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NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>06</b>	<b>WOOD &amp; PLASTICS:</b>									
	Rough carpentry	Hr	500	\$65.00			\$32,500	\$32,500		
	Rough lumber	Ea	1	\$10,000.00			\$10,000	\$10,000		
	Install doors & frames	Hr	500	\$65.00			\$32,500	\$32,500		
	Install Div. 10 items	Hr	100	\$65.00			\$6,500	\$6,500		
	Finish carpentry	Hr	950	\$65.00			\$61,750	\$61,750		
	Casework & Millwork -									
	Reception counter	Lf	20	\$350.00			\$7,000	\$7,000		
	Dispatch, records, Data Entry counter	Lf	60	\$200.00			\$12,000	\$12,000		
	Lav tops	Lf	55	\$200.00			\$11,000	\$11,000		
	Traffic counter	Lf	40	\$200.00			\$8,000	\$8,000		
	Report Writing counter	Lf	15	\$200.00			\$3,000	\$3,000		
	Bag & tag - B & W cabinet	Lf	7	\$650.00			\$4,550	\$4,550		
	Evidence Lab - B & W cabinet	Lf	41	\$800.00			\$32,800	\$32,800		
	Copy / print B & W cabinet	Lf	60	\$650.00			\$39,000	\$39,000		
	Break Rm B & W cabinet	Lf	15	\$650.00			\$9,750	\$9,750		
	Kitchenette	Ea	1	\$3,500.00			\$3,500	\$3,500		
	Sargent counter top	Lf	55	\$200.00			\$11,000	\$11,000		
	Ready room B & W cabinet	Lf	15	\$650.00			\$9,750	\$9,750		
	Detective casework	Allow	1	\$20,000.00			\$20,000	\$20,000		
	Conference Rm credenza	Lf	12	\$600.00			\$7,200	\$7,200		
	Community Rm casework	Lf	12	\$650.00			\$7,800	\$7,800		
	Misc. casework	Allow	1	\$10,000.00			\$10,000	\$10,000		
									\$339,600	Total Wood & Plastics
<b>07</b>	<b>THERMAL &amp; MOISTURE PROTECTION:</b>									
	Basement wall waterproofing	Sf	4,500	\$3.90			\$17,550	\$17,550		
	Elevator pit waterproofing	Ea	1	\$1,500.00			\$1,500	\$1,500		
	Fireproofing	Sf	28,420	\$2.50			\$71,050	\$71,050		
	Exterior wall cavity damproofing	Sf	13,000	\$3.50			\$45,500	\$45,500		
	EPDM roofing, insulation, & shtmtl.	Sf	15,077	\$14.00			\$211,078	\$211,078		
	Caulking & firestopping	Ea	1	\$7,500.00			\$7,500	\$7,500		
									\$354,178	Total Thermal & Moist . Protec.
<b>08</b>	<b>OPENINGS:</b>									
	Doors & Hardware									
	Interior doors & hardware	Ea	98	\$1,200.00			\$117,600	\$117,600		
	Exterior doors & hardware	Ea	3	\$1,350.00			\$4,050	\$4,050		
	Roll down grille	Ea	1	\$2,500.00			\$2,500	\$2,500		Armorer's Control Rm
	OH Doors	Ea	3	\$10,000.00			\$30,000	\$30,000		
									\$154,150	Subtotal Openings

**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

## OPTION 2

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>08</b>	<b>OPENINGS:</b>									
	Windows & Glazing									
	Interior sidelights	Ls	1	\$15,000.00			\$15,000	\$15,000		
	Entrance & vestibule	Ea	1	\$30,000.00			\$30,000	\$30,000		
	Exterior glazing	Sf	2,600	\$65.00			\$169,000	\$169,000		20% of exterior
	Bullet proof glass upgrade	Allow	1	\$50,000.00			\$50,000	\$50,000		
									\$418,150	Total Openings
<b>09</b>	<b>FINISHES:</b>									
	Acoustical & drywall ceilings, bulkheads	Sf	28,420	\$4.00			\$113,680	\$113,680		
	Drywall Partitions	Lf	2,100	\$95.00			\$199,500	\$199,500		
	Tile -									
	Ceramic floor & wall tile	Ls	1	\$60,000.00			\$60,000	\$60,000		
	Flooring -	Sf	28,420	\$4.50			\$127,890	\$127,890		
	Painting -	Sf	28,420	\$3.00			\$85,260	\$85,260		
									\$586,330	Total Finishes
<b>10</b>	<b>SPECIALTIES:</b>									
	Interior signage	Ls	1	\$25,000.00			\$25,000	\$25,000		
	Exterior signage	Allow	1	\$25,000.00			\$25,000	\$25,000		
	Toilet Accessories & Partitions -									
	Public	Ea	4	\$3,500.00			\$14,000	\$14,000		
	Private	Ea	4	\$500.00			\$2,000	\$2,000		
	Lockers	Ea	8	\$200.00			\$1,600	\$1,600		
	Locker Room lockers	Ea	54	\$750.00			\$40,500	\$40,500		
	Chalk & tack boards	Ls	1	\$3,000.00			\$3,000	\$3,000		
	Storage shelving	Ls	1	\$10,000.00			\$10,000	\$10,000		
	Evidence storage	Ls	1	\$30,000.00			\$30,000	\$30,000		
	Folding partition	Ea	1	\$18,000.00			\$18,000	\$18,000		
	Entrance canopy	Ls	1	\$20,000.00			\$20,000	\$20,000		
	Misc. specialties	Ls	1	\$2,500.00			\$2,500	\$2,500		
									\$191,600	Total Specialties
<b>11</b>	<b>EQUIPMENT:</b>									
	Evidence storage	Ea	1	\$40,000.00			\$40,000	\$40,000		
	Detention area provisions	Allow	1	\$60,000.00			\$60,000	\$60,000		
	Residential appliances	Ls	1	\$10,000.00			\$10,000	\$10,000		
	Decom appliances	Ls	1	\$3,500.00			\$3,500	\$3,500		
									\$113,500	Total Equipment
<b>12</b>	<b>FURNISHINGS:</b>									
	F F & E by others	Ea					\$0	\$0	\$0	

**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

## OPTION 2

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>13</b>	<b>SPECIAL CONSTRUCTION:</b>									
	Firing range provisions	Allow	1	\$200,000.00			\$200,000	\$200,000		
	Conversion of Police functions -Town Hall	Sf	1,800	\$75.00			\$135,000	\$135,000		
									\$335,000	Total Special Construction
<b>14</b>	<b>CONVEYING SYSTEMS:</b>									
	Demo existing elevator	Ea	1	\$13,000.00			\$13,000	\$13,000		
	Three stop double sided elevator	Ea	1	\$150,000.00			\$150,000	\$150,000		
									\$163,000	Total Conveying Systems
<b>21</b>	<b>FIRE PROTECTION:</b>									
	Wet sprinkler system	Sf	28,420	\$3.75			\$106,575	\$106,575	\$106,575	Total Fire Protection
<b>22</b>	<b>PLUMBING:</b>									
	Locker / shower room plumbing	Ls	1	\$50,000.00			\$50,000	\$50,000		Incl. piping
	Decom plumbing	Ls	1	\$7,500.00			\$7,500	\$7,500		Incl. piping
	Public restroom plumbing	Rms	4	\$50,000.00			\$200,000	\$200,000		Incl. piping
	Private restroom plumbing	Rms	4	\$15,000.00			\$60,000	\$60,000		Incl. piping
	Kitchen plumbing	Ls	1	\$5,500.00			\$5,500	\$5,500		Incl. piping
	Detention plumbing	Cell	3	\$0.00			\$0	\$0		None incl.
	Decom plumbing	Ls	1	\$10,000.00			\$10,000	\$10,000		Incl. piping
	Kitchenette plumbing	Ls	1	\$5,500.00			\$5,500	\$5,500		Incl. piping
	Garage floor draianage	Sf	1,169	\$5.50			\$6,430	\$6,430		Incl. piping
	Elevator pit sump pump	Ea	1	\$3,500.00			\$3,500	\$3,500		Incl. piping
	Roof drainage	Sf	16,189	\$3.50			\$56,662	\$56,662		Incl. piping
	Domestic Water Heater System	Ea	1	\$12,000.00			\$12,000	\$12,000		
	Gas piping system	Ea	1	\$25,000.00			\$25,000	\$25,000		
	Misc. plumbing	Ls	1	\$15,000.00			\$15,000	\$15,000		
									\$457,091	Total Plumbing
<b>23</b>	<b>HVAC</b>									
	VRF Cooling & Heating	Sf	28,420	\$45.00			\$1,278,900	\$1,278,900		
	Firing Range HVAC provisions	Ls	1	\$100,000.00			\$100,000	\$100,000		
	General exhaust	Ls	1	\$10,000.00			\$10,000	\$10,000		
	Unit heaters, heating coils	Ls	1	\$15,000.00			\$15,000	\$15,000		
									\$1,403,900	Total HVAC
<b>26</b>	<b>ELECTRICAL:</b>									
	Service & distribution	Sf	28,420	\$12.00			\$341,040	\$341,040		
	Power & Lighting	Sf	28,420	\$23.00			\$653,660	\$653,660		
	Lightning protection system	Ea	1	\$15,000.00			\$15,000	\$15,000		
	Emergency power	Allow	1	\$300,000.00			\$300,000	\$300,000		
									\$1,309,700	Total Electrical

**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

## OPTION 2

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>27</b>	<b>COMMUNICATIONS:</b>									
	Voice & data	Sf	28,420	\$4.50			\$127,890	\$127,890		
	Intercom system	Sf	28,420	\$1.50			\$42,630	\$42,630		
									\$170,520	Total Communications
<b>28</b>	<b>ELECTRONIC SAFETY &amp; SECURITY:</b>									
	Fire Alarm system	Sf	28,420	\$3.00			\$85,260	\$85,260		
	Access control	Sf	28,420	\$1.00			\$28,420	\$28,420		
	Security system	Sf	28,420	\$3.50			\$99,470	\$99,470		
									\$213,150	Total Safety & Security
<b>31</b>	<b>EARTHWORK:</b>									
	Sediment control & construction entrance	Ea	1	\$40,000.00			\$40,000	\$40,000		
	Demo storage building	Ea	1	\$20,000.00			\$20,000	\$20,000		
	Demo existing building	Ea	1	\$75,000.00			\$75,000	\$75,000		
	Demo basement	Ea	1	\$50,000.00			\$50,000	\$50,000		
	Rmv existing generator	Ea	1	\$15,000.00			\$15,000	\$15,000		
	Rmv existing paving & waks	Sf	12,000	\$2.00			\$24,000	\$24,000		
	Site demo / clear & grubb	Ls	1	\$25,000.00			\$25,000	\$25,000		
	Basement excavation	Cy	3,200	\$40.00			\$128,000	\$128,000		
	Basement backfill	Cy	550	\$7.50			\$4,125	\$4,125		
	Grading	Sf	52,100	\$1.25			\$65,125	\$65,125		
	Misc. machine & hand work	Ls	1	\$20,000.00			\$20,000	\$20,000		
	Layout	Ea	1	\$20,000.00			\$20,000	\$20,000		
									\$486,250	Total Earthwork
<b>32</b>	<b>EXTERIOR IMPROVEMENTS:</b>									
	Sidewalks	Sf	2,600	\$7.50			\$19,500	\$19,500		
	Asphalt paving, curb & gutter	Sy	1,850	\$48.00			\$88,800	\$88,800		
	Plaza	Sf	6,325	\$50.00			\$316,250	\$316,250		
	Landscaping	Allow	1	\$45,000.00			\$45,000	\$45,000		
	Secure fencing	Lf	550	\$90.00			\$49,500	\$49,500		
	Speed gates	Ea	2	\$65,000.00			\$130,000	\$130,000		
	Site lighting	Ls	1	\$35,000.00			\$35,000	\$35,000		
	Bike Storage	Ea	1	\$10,000.00			\$10,000	\$10,000		
	Striping & signage	Ls	1	\$7,500.00			\$7,500	\$7,500		
	Generator enclosure	Ea	1	\$20,000.00			\$20,000	\$20,000		
	Dumpster pad & enclosre	Ea	1	\$15,000.00			\$15,000	\$15,000		
	Interface repairs	Ls	1	\$30,000.00			\$30,000	\$30,000		
	Misc.- site furn., flag poles, etc	Allow	1	\$15,000.00			\$15,000	\$15,000		
									\$781,550	Total Exterior Improvements

01/10/19

**LEWICKI ESTIMATING SERVICES,INC.**  
**PRECONSTRUCTION SERVICES**

**NEW POLICE FACILITY, VIENNA, VA**

**OPTION 2**

**ARCHITECT : DEWBERRY ARCHITECTURE**

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>33</b>	<b>UTILITIES:</b>									
	Utility demolition	Ls	1	\$30,000.00			\$30,000	\$30,000		
	Water service - domestic & fire	Ls	1	\$45,000.00			\$45,000	\$45,000		
	Sewer to building	Ls	1	\$25,000.00			\$25,000	\$25,000		
	Storm drainage	Ls	1	\$50,000.00			\$50,000	\$50,000		
	Electric / communications service	Ls	1	\$30,000.00			\$30,000	\$30,000		Ductbanks
	SWM provisions	Allow	1	\$50,000.00			\$50,000	\$50,000		
									\$230,000	Total Utilities

01/10/19

**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

OPTION 3

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>01</b>	<b>GENERAL CONDITIONS:</b>									
	General Conditions	%	8.00%	\$9,422,624			\$753,810	\$753,810	\$753,810	Total General Conditions
<b>02</b>	<b>EXISTING CONDITIONS</b>									
	Demo interior finishes	Sf	9,800	\$10.00			\$98,000	\$98,000		
	Demo existing stairs	Ea	2	\$2,500.00			\$5,000	\$5,000		
									\$103,000	Total Existing Conditions
<b>03</b>	<b>CONCRETE:</b>									
	Slab on grade & foundations	Sf	11,514	\$17.00			\$195,738	\$195,738		Conventional spread footings
	Slab on deck	Sf	8,369	\$3.75			\$31,384	\$31,384		
	Elevator pit	Ea	2	\$15,000.00			\$30,000	\$30,000		
	Basement walls	Sf	600	\$35.00			\$21,000	\$21,000		
	Misc. Concrete	Ls	1	\$25,000.00			\$25,000	\$25,000		
									\$303,122	Total Concrete
<b>04</b>	<b>MASONRY:</b>									
	Interior masonry walls	Sf	10,800	\$13.50			\$145,800	\$145,800		
	Brick, insul., block	Sf	11,310	\$45.00			\$508,950	\$508,950		
	Interface demo / repairs	Ea	1	\$30,000.00			\$30,000	\$30,000		
	Cast stone features	Allow	1	\$40,000.00			\$40,000	\$40,000		
									\$724,750	Total Masonry
<b>05</b>	<b>METALS:</b>									
	Roof framing & decking	Sf	11,270	\$38.00			\$428,260	\$428,260		
	Floor framing & decking	Sf	8,369	\$43.00			\$359,867	\$359,867		
	Equipment support framing	Ls	1	\$20,000.00			\$20,000	\$20,000		
	Fire stairs	Fl	2	\$8,500.00			\$17,000	\$17,000		
	Circulation stair	Fl	2	\$10,000.00			\$20,000	\$20,000		
	Misc metals	Ls	1	\$50,000.00			\$50,000	\$50,000		
									\$895,127	Total Metals

**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

## OPTION 3

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>06</b>	<b>WOOD &amp; PLASTICS:</b>									
	Rough carpentry	Hr	500	\$65.00			\$32,500	\$32,500		
	Rough lumber	Ea	1	\$10,000.00			\$10,000	\$10,000		
	Install doors & frames	Hr	575	\$65.00			\$37,375	\$37,375		
	Install Div. 10 items	Hr	100	\$65.00			\$6,500	\$6,500		
	Finish carpentry	Hr	950	\$65.00			\$61,750	\$61,750		
	Casework & Millwork -									
	Reception counter	Lf	20	\$350.00			\$7,000	\$7,000		
	Dispatch, records, Data Entry counter	Lf	60	\$200.00			\$12,000	\$12,000		
	Lav tops	Lf	55	\$200.00			\$11,000	\$11,000		
	Traffic counter	Lf	40	\$200.00			\$8,000	\$8,000		
	Report Writing counter	Lf	15	\$200.00			\$3,000	\$3,000		
	Bag & tag - B & W cabinet	Lf	7	\$650.00			\$4,550	\$4,550		
	Evidence Lab - B & W cabinet	Lf	41	\$800.00			\$32,800	\$32,800		
	Copy / print B & W cabinet	Lf	60	\$650.00			\$39,000	\$39,000		
	Break Rm B & W cabinet	Lf	15	\$650.00			\$9,750	\$9,750		
	Kitchenette	Ea	1	\$3,500.00			\$3,500	\$3,500		
	Sargent counter top	Lf	55	\$200.00			\$11,000	\$11,000		
	Ready room B & W cabinet	Lf	15	\$650.00			\$9,750	\$9,750		
	Detective casework	Allow	1	\$20,000.00			\$20,000	\$20,000		
	Conference Rm credenza	Lf	12	\$600.00			\$7,200	\$7,200		
	Community Rm casework	Lf	12	\$650.00			\$7,800	\$7,800		
	Misc. casework	Allow	1	\$10,000.00			\$10,000	\$10,000		
									\$344,475	Total Wood & Plastics
<b>07</b>	<b>THERMAL &amp; MOISTURE PROTECTION:</b>									
	Basement wall waterproofing	Sf	600	\$3.90			\$2,340	\$2,340		
	Elevator pit waterproofing	Ea	1	\$1,500.00			\$1,500	\$1,500		
	Fireproofing	Sf	29,489	\$2.50			\$73,723	\$73,723		
	Exterior wall cavity damproofing	Sf	11,310	\$3.50			\$39,585	\$39,585		
	EPDM roofing, insulation, & shtmtl.	Sf	11,269	\$14.00			\$157,766	\$157,766		
	Existing roof interface demo / repairs	Ea	1	\$30,000.00			\$30,000	\$30,000		
	Caulking & firestopping	Ea	1	\$7,500.00			\$7,500	\$7,500		
									\$312,414	Total Thermal & Moist . Protec.
<b>08</b>	<b>OPENINGS:</b>									
	Doors & Hardware									
	Interior doors & hardware	Ea	98	\$1,200.00			\$117,600	\$117,600		
	Exterior doors & hardware	Ea	3	\$1,350.00			\$4,050	\$4,050		
	Roll down grille	Ea	1	\$2,500.00			\$2,500	\$2,500		Armorer's Control Rm
	OH Doors	Ea	3	\$10,000.00			\$30,000	\$30,000		
									\$154,150	Subtotal Openings

**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

## OPTION 3

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>08</b>	<b>OPENINGS:</b>									
	Windows & Glazing									
	Interior sidelights	Ls	1	\$15,000.00			\$15,000	\$15,000		
	Entrance & vestibule	Ea	1	\$30,000.00			\$30,000	\$30,000		
	Exterior glazing	Sf	2,300	\$65.00			\$149,500	\$149,500		20% of exterior
	Bullet proof glass upgrade	Allow	1	\$40,000.00			\$40,000	\$40,000		
									\$388,650	Total Openings
<b>09</b>	<b>FINISHES:</b>									
	Acoustical & drywall ceilings, bulkheads	Sf	29,489	\$4.00			\$117,956	\$117,956		
	Drywall Partitions	Lf	1,980	\$95.00			\$188,100	\$188,100		
	Tile -									
	Ceramic floor & wall tile	Ls	1	\$60,000.00			\$60,000	\$60,000		
	Flooring -	Sf	29,489	\$4.50			\$132,701	\$132,701		
	Painting -	Sf	29,489	\$3.00			\$88,467	\$88,467		
									\$587,224	Total Finishes
<b>10</b>	<b>SPECIALTIES:</b>									
	Interior signage	Ls	1	\$25,000.00			\$25,000	\$25,000		
	Exterior signage	Allow	1	\$25,000.00			\$25,000	\$25,000		
	Toilet Accessories & Partitions -									
	Public	Ea	4	\$3,500.00			\$14,000	\$14,000		
	Private	Ea	4	\$500.00			\$2,000	\$2,000		
	Lockers	Ea	8	\$200.00			\$1,600	\$1,600		
	Locker Room lockers	Ea	54	\$750.00			\$40,500	\$40,500		
	Chalk & tack boards	Ls	1	\$3,000.00			\$3,000	\$3,000		
	Storage shelving	Ls	1	\$10,000.00			\$10,000	\$10,000		
	Evidence storage	Ls	1	\$30,000.00			\$30,000	\$30,000		
	Folding partition	Ea	1	\$18,000.00			\$18,000	\$18,000		
	Entrance canopy	Ls	1	\$20,000.00			\$20,000	\$20,000		
	Misc. specialties	Ls	1	\$2,500.00			\$2,500	\$2,500		
									\$191,600	Total Specialties
<b>11</b>	<b>EQUIPMENT:</b>									
	Evidence storage	Ea	1	\$40,000.00			\$40,000	\$40,000		
	Detention area provisions	Allow	1	\$60,000.00			\$60,000	\$60,000		
	Residential appliances	Ls	1	\$10,000.00			\$10,000	\$10,000		
	Decom appliances	Ls	1	\$3,500.00			\$3,500	\$3,500		
									\$113,500	Total Equipment
<b>12</b>	<b>FURNISHINGS:</b>									
	F F & E by others	Ea					\$0	\$0	\$0	



**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

## OPTION 3

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>13</b>	<b>SPECIAL CONSTRUCTION:</b>									
	Firing range provisions	Allow	1	\$200,000.00			\$200,000	\$200,000		
	Conversion of Police functions -Town Hall	Sf	1,800	\$75.00			\$135,000	\$135,000		
									\$335,000	Total Special Construction
<b>14</b>	<b>CONVEYING SYSTEMS:</b>									
	Demo existing elevator	Ea	1	\$13,000.00			\$13,000	\$13,000		
	Two stop double sided elevator	Ea	1	\$100,000.00			\$100,000	\$100,000		
	Two stop one sided elevator	Ea	1	\$90,000.00			\$90,000	\$90,000		
									\$203,000	Total Conveying Systems
<b>21</b>	<b>FIRE PROTECTION:</b>									
	Wet sprinkler system	Sf	29,489	\$3.75			\$110,584	\$110,584	\$110,584	Total Fire Protection
<b>22</b>	<b>PLUMBING:</b>									
	Locker / shower room plumbing	Ls	1	\$50,000.00			\$50,000	\$50,000		Incl. piping
	Decom plumbing	Ls	1	\$7,500.00			\$7,500	\$7,500		Incl. piping
	Public restroom plumbing	Rms	4	\$50,000.00			\$200,000	\$200,000		Incl. piping
	Private restroom plumbing	Rms	4	\$15,000.00			\$60,000	\$60,000		Incl. piping
	Kitchen plumbing	Ls	1	\$5,500.00			\$5,500	\$5,500		Incl. piping
	Detention plumbing	Cell	3	\$0.00			\$0	\$0		None incl.
	Decom plumbing	Ls	1	\$10,000.00			\$10,000	\$10,000		Incl. piping
	Kitchenette plumbing	Ls	1	\$5,500.00			\$5,500	\$5,500		Incl. piping
	Garage floor draianage	Sf	1,169	\$5.50			\$6,430	\$6,430		Incl. piping
	Elevator pit sump pump	Ea	1	\$3,500.00			\$3,500	\$3,500		Incl. piping
	Roof drainage	Sf	16,189	\$3.50			\$56,662	\$56,662		Incl. piping
	Domestic Water Heater System	Ea	1	\$12,000.00			\$12,000	\$12,000		
	Gas piping system	Ea	1	\$25,000.00			\$25,000	\$25,000		
	Misc. plumbing	Ls	1	\$15,000.00			\$15,000	\$15,000		
									\$457,091	Total Plumbing
<b>23</b>	<b>HVAC</b>									
	VRF Cooling & Heating	Sf	29,489	\$45.00			\$1,327,005	\$1,327,005		
	Firing Range HVAC provisions	Ls	1	\$100,000.00			\$100,000	\$100,000		
	General exhaust	Ls	1	\$10,000.00			\$10,000	\$10,000		
	Unit heaters, heating coils	Ls	1	\$15,000.00			\$15,000	\$15,000		
									\$1,452,005	Total HVAC
<b>26</b>	<b>ELECTRICAL:</b>									
	Service & distribution	Sf	29,489	\$12.00			\$353,868	\$353,868		
	Power & Lighting	Sf	29,489	\$23.00			\$678,247	\$678,247		
	Lightning protection system	Ea	1	\$15,000.00			\$15,000	\$15,000		
	Emergency power	Allow	1	\$300,000.00			\$300,000	\$300,000		
									\$1,347,115	Total Electrical

**LEWICKI ESTIMATING SERVICES, INC.**  
**PRECONSTRUCTION SERVICES**

NEW POLICE FACILITY, VIENNA, VA

## OPTION 3

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
<b>27</b>	<b>COMMUNICATIONS:</b>									
	Voice & data	Sf	29,458	\$4.50			\$132,561	\$132,561		
	Intercom system	Sf	29,458	\$1.50			\$44,187	\$44,187		
									\$176,748	Total Communications
<b>28</b>	<b>ELECTRONIC SAFETY &amp; SECURITY:</b>									
	Fire Alarm system	Sf	29,458	\$3.00			\$88,374	\$88,374		
	Access control	Sf	29,458	\$1.00			\$29,458	\$29,458		
	Security system	Sf	29,458	\$3.50			\$103,103	\$103,103		
									\$220,935	Total Safety & Security
<b>31</b>	<b>EARTHWORK:</b>									
	Sediment control & construction entrance	Ea	1	\$35,000.00			\$35,000	\$35,000		
	Demo storage building	Ea	1	\$20,000.00			\$20,000	\$20,000		
	Rmv existing generator	Ea	1	\$15,000.00			\$15,000	\$15,000		
	Rmv existing paving & waks	Sf	12,000	\$2.00			\$24,000	\$24,000		
	Site demo / clear & grub	Ls	1	\$25,000.00			\$25,000	\$25,000		
	Basement excavation	Cy	150	\$40.00			\$6,000	\$6,000		
	Basement backfill	Cy	30	\$15.00			\$450	\$450		
	Grading	Sf	41,600	\$1.25			\$52,000	\$52,000		
	Misc. machine & hand work	Ls	1	\$20,000.00			\$20,000	\$20,000		
	Layout	Ea	1	\$20,000.00			\$20,000	\$20,000		
									\$217,450	Total Earthwork
<b>32</b>	<b>EXTERIOR IMPROVEMENTS:</b>									
	Sidewalks	Sf	2,650	\$7.50			\$19,875	\$19,875		
	Asphalt paving, curb & gutter	Sy	1,820	\$48.00			\$87,360	\$87,360		
	Plaza	Sf	5,100	\$50.00			\$255,000	\$255,000		
	Landscaping	Allow	1	\$45,000.00			\$45,000	\$45,000		
	Secure fencing	Lf	490	\$90.00			\$44,100	\$44,100		
	Speed gates	Ea	2	\$65,000.00			\$130,000	\$130,000		
	Site lighting	Ls	1	\$35,000.00			\$35,000	\$35,000		
	Bike Storage	Ea	1	\$10,000.00			\$10,000	\$10,000		
	Striping & signage	Ls	1	\$7,500.00			\$7,500	\$7,500		
	Generator enclosure	Ea	1	\$20,000.00			\$20,000	\$20,000		
	Dumpster pad & enclosre	Ea	1	\$15,000.00			\$15,000	\$15,000		
	Interface repairs	Ls	1	\$30,000.00			\$30,000	\$30,000		
	Misc.- site furn., flag poles, etc	Allow	1	\$15,000.00			\$15,000	\$15,000		
									\$713,835	Total Exterior Improvements

01/10/19

LEWICKI ESTIMATING SERVICES, INC.  
PRECONSTRUCTION SERVICES

NEW POLICE FACILITY, VIENNA, VA

OPTION 3

ARCHITECT : DEWBERRY ARCHITECTURE

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	LABOR	MATERIAL	EQUIPMENT/ SUBCONTRACT	AMOUNT	TRADE SUBTOTAL	COMMENTS
33	UTILITIES:									
	Utility demolition	Ls	1	\$30,000.00			\$30,000	\$30,000		
	Water service - domestic & fire	Ls	1	\$45,000.00			\$45,000	\$45,000		
	Sewer to building	Ls	1	\$25,000.00			\$25,000	\$25,000		
	Storm drainage	Ls	1	\$50,000.00			\$50,000	\$50,000		
	Electric / communications service	Ls	1	\$30,000.00			\$30,000	\$30,000		Ductbanks
	SWM provisions	Allow	1	\$50,000.00			\$50,000	\$50,000		
									\$230,000	Total Utilities

01/10/19

**LEWICKI ESTIMATING SERVICES,INC.  
PRECONSTRUCTION SERVICES**

**NEW POLICE FACILITY, VIENNA, VA**

**QUALIFICATIONS & CLARIFICATIONS**

**ARCHITECT : DEWBERRY ARCHITECTURE**

- 1 Inflation factor based on a Q3 2020 start
- 2 No temporary facilities or provisions for relocation included
- 3 F F & E by others
- 4 Specialized communications equipment excluded
- 5 No off site improvements included
- 6 Pricing based on project being competitively bid
- 7 Option 3 - Existing roof & framing to remain
- 8 Radio communications by others
- 9 No fueling system included