

ATTACHMENT A

Costs by Category/ Type of Work	Estimated Cost
HVAC installs (building designed/built without it originally)	3,614,000
New Roof or roof repairs needed (includes gutters & downspouts)	1,610,700
Paint fire stations	1,719,900
Flooring repairs or replacement at some stations	301,600
Window replacement (includes window tinting and blinds)	603,200
Kitchen cabinet repor remodels	520,000
Bathroom and shower repairs (includes several showers to be redone using Corian and miscellaneous repairs)	177,840
Lighting upgrades and electrical repairs (includes generator/ATS)	187,330
Structural repairs and improvements (concrete work, fencing, walls, apron replacement and miscellaneous repairs)	2,292,160
Mechanical and plumbing repairs and upgrades (existing HVAC repair, apparatus doors, exhaust fans,extractor installs, etc)	84,240
CCTV (new)	52,000
Total Needed (Estimate)	\$ 11,162,970

highlighted yellow: building was not designed with this feature. For example, most fire houses were built without air conditioning and now it's being requested

highlighted green: fire station undergoing remodeling of several areas (Project Delivery) or scheduled to be remodeled

highlighted blue: a new fire station is being proposed/planned

Fire Station #	Maintenance/ Repair Needed	Estimated Cost
1	Upstairs bathroom showers - worn down tile	\$ 18,000.00
1	Upstairs bathroom toilet valve issue - replace	\$ 300.00
1	kitchen cabinet falling apart - kitchen redo	\$ 100,000.00
1	lifting concrete slab on back patio - remove/install new	\$ 30,000.00
1	Settling of apron pavers (recent install) - redo with concrete	\$ 125,000.00
1	window blinds for entire station	\$ 20,000.00
1	generator room - new roof	\$ 40,000.00
1	Install HVAC system - 1st floor	\$ 150,000.00
1	Paint interior/exterior of the fire house	\$ 100,000.00
	Total	\$ 583,300.00
2	Needs new HVAC unit	\$ 8,000.00
2	Needs new exhaust (motor)	\$ 300.00
2	generator/ ATS connection	\$ 65,000.00
2	Needs new roof	\$ 100,000.00
	Total	\$ 173,300.00
3	Men's bathroom showers need to be redone (do away with tile)	\$ 30,000.00
3	Men's bathroom - install exhaust fan above toilets	\$ 5,000.00
3	Paint interior/ exterior of fire station	\$ 60,000.00
3	kitchen windows need to be replaced	\$ 5,000.00
3	Install motion sensor in women's bathroom for overhead lights	\$ 100.00
3	kitchen cabinets - redo all	\$ 30,000.00
3	replace flooring - damaged	\$ 50,000.00
	Total	\$ 180,100.00
4	New fire station being planned - ETA?	\$ -
4	repair/replace failing exterior wall	\$ 40,000.00
4	replace/ repair crumbling apron - tripping hazard to pedestrians	\$ 80,000.00
4	replace some windows with dual pane	\$ 10,000.00
4	paint interior/exterior of fire station	\$ 200,000.00
4	repair/ replace fence	\$ 20,000.00
4	Station has no air conditioning - adding a system is not feasible or would be cost prohibitive (station has 3 levels). Should not be done if station is slated for replacement	\$ -
	Total	\$ 350,000.00
5	Re-lamp apparatus bay - upgrade to LED lighting	\$ 12,000.00
5	replace all windows with dual pane	\$ 40,000.00
5	install extractor (electric and plumbing work)	\$ 15,000.00

5	instal fence at rear and side of the station	\$	50,000.00
5	window blinds	\$	3,000.00
5	Station has only Heating . To install an HVAC system	\$	90,000.00
		Total	\$ 210,000.00
6	Paint interior/ exterior of station (has dry rot repairs and requires scaffolding)	\$	200,000.00
6	repair back deck and door	\$	30,000.00
6	downstairs women/men's bathroom - replace vents and seal	\$	1,500.00
6	seal tool room from elements	\$	300.00
6	replace kitchen cabinets	\$	50,000.00
6	flooring needs patching/replacing - asbestos expected	\$	120,000.00
6	Station has only Heating. To install HVAC (heat pump system)	\$	200,000.00
		Total	\$ 601,800.00
7	structural issue between slab and dining room flooring (separating). Asse	\$	200,000.00
7	repair/paint fascia over door (just casing)	\$	2,000.00
7	repalce security gate	\$	20,000.00
7	bathroom showers - redo all	\$	30,000.00
7	blinds for officer's bathroom and watch room	\$	6,000.00
7	CCTV system	\$	40,000.00
7	paint flag pole (require lift)	\$	3,000.00
		Total	\$ 301,000.00
8	Station is only 13-15 yrs old and was not desiged to have air conditioning. Install HVAC	\$	350,000.00
8	replace windows (upper)	\$	50,000.00
8	apron is cracking and buckling (this has been done 3 times) - replace con	\$	250,000.00
8	build a shade trellis for outside second story patio. Needs to be engineered. No attachment points	\$	100,000.00
8	Paint interior/exterior of the fire house	\$	60,000.00
		Total	\$ 810,000.00
10	KK)	\$	-
10	Paint interior/exterior of the fire station	\$	120,000.00
10	Install HVAC system (station was built in 1910s)	\$	400,000.00
10	carport wall (retaining wall) crumbling. Replace (it would require removing little building and shoring-up immediate areas for construction	\$	600,000.00
10	upgrade electrical panel to provide additional capacity	\$	10,000.00
10	install handrails at apparatus bay	\$	5,000.00
10	downstairs flooring replacement	\$	15,000.00
10	install new extractor (electrical and plubming)	\$	30,000.00
		Total	\$ 1,180,000.00
12	Fire house was remodeled in 2020 - dorms and bathrooms. Cost \$760K ?		
12	resurface parking lot	\$	80,000.00

12	Dorm remodel did get new HVAC but not the officer's watch room/dining room and kitchen. Add HVAC to this locations	\$	22,000.00
		Total	\$ 102,000.00
13	Several roof leaks - needs a new roof	\$	400,000.00
13	add heating to apparatus bay (suspended)	\$	8,000.00
13	add HVAC system to dorms and watch room	\$	60,000.00
13	replace windows with dual pane	\$	40,000.00
		Total	\$ 508,000.00
15	Replace windows - all	\$	40,000.00
15	Install HVAC system	\$	130,000.00
15	new kitchen cabinets	\$	40,000.00
15	replace ceiling tiles	\$	3,000.00
15	replace motor on small apparatus door	\$	3,500.00
15	Capt. Bathroom - shower pan issues - new shower	\$	6,000.00
15	New roof	\$	400,000.00
		Total	\$ 622,500.00
16	Fire Station undergoing remodeling (Project Delivery project)	\$	-
16	repaint fascia	\$	20,000.00
16	replace redwood fence	\$	20,000.00
16	replace water heater - being done in Dec 2021 - Jan 2022	\$	3,000.00
16	remodel kitchen	\$	100,000.00
		Total	\$ 143,000.00
17	Needs new roof	\$	250,000.00
17	Fire house has a radiant/ forced air hybrid system - no air conditioning		
17	Engineering quote to assess install of an HVAC system	\$	20,000.00
17	New HVAC system expected cost (needs to be done at same time with the roof due to penetrations)	\$	200,000.00
17	replace all windows - dual pane	\$	40,000.00
17	relamp lighting and convert to LED	\$	15,000.00
		Total	\$ 525,000.00
18	Station is only 10 years old and it was designed without air conditioning. Cost to install HVAC system	\$	500,000.00
18	add window tinting in stairway/kitchen/ dining and living areas	\$	7,000.00
18	replaced failed dual pane windows in kitchen/dining and living room	\$	40,000.00
18	repalce kitchen cabinets	\$	50,000.00
18	redo bathroom showers with corian	\$	15,000.00
18	paint interior/exterior of the building	\$	60,000.00
18	repair roof leak (central area)	\$	15,000.00
18	all dorm windows were replaced in 2021 - cost \$20,000		
		Total	\$ 687,000.00
19	Station built without air conditioning. Install HVAC system	\$	250,000.00

19	new roof installed in 2019. Cost \$90,000	
19	replace windows throughout with dual pane	\$ 40,000.00
19	replace lights at apparatus bay to LED type	\$ 12,000.00
	Total	\$ 302,000.00
20	men's and women's showers to Corian	\$ 30,000.00
20	Station has Heating only, no air conditioning. HVAC system install	\$ 250,000.00
20	replace remaining gutters around building	\$ 20,000.00
	Total	\$ 300,000.00
21	Install HVAC system (2 heat pumps)	\$ 120,000.00
21	Paint interior of the fire house	\$ 60,000.00
21	new downspout for the back of the building	\$ 5,000.00
	Total	\$ 185,000.00
23	paint exterior/interior of the fire house	\$ 60,000.00
23	re-lamp station and upgrade to LED lighting	\$ 15,000.00
	Total	\$ 75,000.00
24	repairs to stabilize hillside and firehouse - structural issue. Cost could be \$1M+ . Project Delivery has hired consultant to assess conditions , repairs and costs	
24	replace all flooring to VCT tile (remove carpet)	\$ 30,000.00
24	paint interior of the station	\$ 60,000.00
	Total	\$ 90,000.00
25	new bathroom partitions	\$ 4,000.00
25	paint interior and exterior of the building	\$ 60,000.00
25	add insulation to attic spaces	\$ 7,000.00
25	repair roof gutters	\$ 2,000.00
25	redo kitchen cabinets	\$ 30,000.00
25	repave parking lot	\$ 100,000.00
	Total	\$ 203,000.00
26	paint exterior of the building	\$ 80,000.00
26	PO issued to replace gutters - ongoing \$24,000	\$ -
26	replace kitchen flooring	\$ 15,000.00
26	window tinting kitchen area	\$ 3,000.00
	Total	\$ 98,000.00
27	repair men's bathroom floor - concrete	\$ 2,000.00
27	paint interior/exterior of the building	\$ 60,000.00
27	redo dorms (rooms were designed with hall height walls). Cost \$700K+ ? based on other remodels being done by PGM	\$ -
27	HVAC system replaced in in 2018. Cost \$70K	\$ -
27	replace all windows to dual pane	\$ 40,000.00

		Total	\$	102,000.00
28	Replace all windows		\$	40,000.00
28	replace gutters		\$	7,000.00
28	new partition for men's bathroom		\$	1,500.00
28	paint interior of the station		\$	60,000.00
28	add security screen doors		\$	1,400.00
28	re-lamp station and upgrade to LED lighting		\$	15,000.00
		Total	\$	124,900.00
29	PGM is working on replacement of this fire station. Unsure of timeline?		\$	-
29	Install HVAC system		\$	30,000.00
29	Paint interior		\$	60,000.00
29	Replace windows		\$	40,000.00
		Total	\$	130,000.00
		Total	\$	8,586,900.00
		expected 30% increase (current environment)	\$	2,576,070.00
		Grand Total	\$	11,162,970.00

Table 1

Costs grouped by category/type of work:			
HVAC installs (building designed/built without it originally)			
	HVAC installs (new)	\$	2,780,000.00
	expected 30% increase (current environment)	\$	834,000.00
	Expected Cost	\$	3,614,000.00
New Roof or roof repairs needed (includes gutters & downspouts)			
	Roofs	\$	1,239,000.00
	expected 30% increase (current environment)	\$	371,700.00
	Estimated Cost	\$	1,610,700.00
Paint fire stations			
	Paint	\$	1,323,000.00
	expected 30% increase (current environment)	\$	396,900.00
	Estimated Cost	\$	1,719,900.00
Flooring repairs or replacement at some stations			
	Flooring	\$	232,000.00
	expected 30% increase (current environment)	\$	69,600.00
	Estimated Cost	\$	301,600.00
Window replacement (includes window tinting and blinds)			
	windows	\$	464,000.00
	expected 30% increase (current environment)	\$	139,200.00
	Estimated Cost	\$	603,200.00
Kitchen cabinet replacement or remodels			
	Kitchen	\$	400,000.00
	expected 30% increase (current environment)	\$	120,000.00
	Estimated Cost	\$	520,000.00
Bathroom and shower repairs (includes several showers to be redone using Corian and miscellaneous repairs)			
	bathroom & shower	\$	136,800.00

	expected 30% increase (current environment)	\$	41,040.00
	Estimated Cost	\$	177,840.00
Lighting upgrades and electrical repairs (includes generator/ATS)			
	Lighting & electrical	\$	144,100.00
	expected 30% increase (current environment)	\$	43,230.00
	Estimated Cost	\$	187,330.00
Structural repairs and improvements (concrete work, fencing, walls, apron replacement and miscellaneous repairs)			
	Structural	\$	1,763,200.00
	expected 30% increase (current environment)	\$	528,960.00
	Estimated Cost	\$	2,292,160.00
Mechanical and plumbing repairs and upgrades (existing HVAC repair, apparatus doors, exhaust fans, extractor installs, etc)			
	Mechanical	\$	64,800.00
	expected 30% increase (current environment)	\$	19,440.00
	Estimated Cost	\$	84,240.00
CCTV (new)			
	CCTV	\$	40,000.00
	expected 30% increase (current environment)	\$	12,000.00
	Estimated Cost	\$	52,000.00
	Total Needed (Estimate)	\$	11,162,970.00

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HVAC installs (building designed/built without it originally)		
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	expected 30% increase (current environment)	834,000
	Expected Cost	3,614,000
New Roof or roof repairs needed (includes gutters & downspouts)		
	Roofs	1,239,000
	expected 30% increase (current environment)	371,700
	Estimated Cost	1,610,700
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	Paint	1,323,000
	expected 30% increase (current environment)	396,900
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	Flooring	232,000
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	bathroom & shower	136,800
	expected 30% increase (current environment)	41,040
	Estimated Cost	177,840
Lighting upgrades and electrical repairs (includes generator/ATS)		
	Lighting & electrical	144,100
	expected 30% increase (current environment)	42,230
	Estimated Cost	186,330
Structural repairs and improvements (concrete work, fencing, walls, apron replacement and miscellaneous repairs)		
	Structural	1,763,200
	expected 30% increase (current environment)	528,960
	Estimated Cost	2,292,160
Mechanical and plumbing repairs and upgrades (existing HVAC repair, apparatus doors, exhaust fans, extractor installs, etc)		
	Mechanical	64,800
	expected 30% increase (current environment)	19,440
	Estimated Cost	84,240
CCTV (new)		
	CCTV	40,000
	expected 30% increase (current environment)	12,000

Estimated Cost	52,000
Total Needed (Estimate)	11,161,970