



Forte Environmental

Forte Environmental
21213 South Wilmington Ave.
Carson, CA, 90810
714.590.2800
Tax ID # 33-0974466
License # 653896
DOSH # 855

Client: Morongo Valley Fire Station Cellular: (760) 553-5346
Property: 11207 Ocotillo Street
Morongo Valley, CA 92256

Operator: DENNIS

Estimator: Dennis Vargas Cellular: (562) 631-6066
Company: Forte Environmental

Type of Estimate: Water Damage
Date Entered: 8/30/2023 Date Assigned:

Price List: CAVI8X_AUG23
Labor Efficiency: Restoration/Service/Remodel
Estimate: MORONGO-VALLEY-FIRE

Forte' Environmental would like to thank you for allowing us to assist you with your environmental needs. Forte' Environmental is pleased to provide you with the following asbestos abatement proposal for the above mentioned residence based on the following scope of work. Any changes to the following scope of work will need to be sent to Forte' Environmental in writing; no verbal changes will be accepted. If there are any changes, additional costs will apply.

- * Forte' Environmental must be supplied a copy of the asbestos survey prior to the start of the project.
- * All contents must be moved out of the work areas and areas must be marked prior to the start of the project.
- * It is estimated that this project will take approximately **10** working day(s) total, not including 3rd party clearance, or removal of containment & decontamination chambers.
- * Area(s) will be placed and remain under full containment and negative pressure during asbestos removal.
- * All workers will wear personal protective equipment (PPE) during asbestos removal.
- * Once removal is complete, contained area(s) will be wet wiped and HEPA vacuumed free of debris/dust prior to post removal encapsulation.
- * If building materials contain 1% of asbestos or greater, all waste will be properly bagged and stored on site for until post abatement air clearance is achieved. After air clearance is achieved, a certified hazardous waste transporter will schedule a date to pick up and transport the waste to an EPA approved landfill for disposal. If building materials contain less than 1% asbestos, the debris will be hauled off and discarded as non-hazardous.
- * There is a 10-14 day waiting period and fee to the South Coast Air Quality Management District on all projects to be performed on a non-emergency basis (water, wind, fire damage, etc.).
- * 24 hour DOSH notification will be filed with Cal/OSHA prior to the start of the project. **CLIENT RESPONSIBILITY:**
Providing adequate area for: vehicle parking 2
*Providing water and electricity for the work areas Prior removal of all obstructions from work areas **ABATEMENT BREAK-DOWN:** Provide containment, critical barriers, negative pressure and decontamination unit for in work areas Double bag and properly dispose of all waste Record and hold all documentation for the required 30 years All work done in accordance with applicable Local, State, and Federal Regulations.



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MORONGO-VALLEY-FIRE

General Items

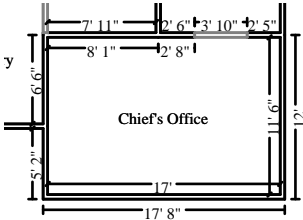
DESCRIPTION	QTY	REMOVE	REPLACE	TAX	TOTAL
1. Asbestos Permit Fees	1.00 EA	0.00	372.81	0.00	372.81
This line item reflects the cost of the fees for the South Coast AQMD emergency Procedure 1 notification between 1,000-5,000 square feet.					
2. 3 stage decontamination chamber	168.00 SF	0.00	1.50	0.00	252.00
The above charge is for the labor needed to complete the containment set up to prevent dispersion of dust and debris during the abatement process. Includes set up of three stage decontamination chambers, signs, and barricades as required.					
3. Temporary safety shower	1.00 EA	0.00	90.61	0.00	90.61
4. Neg. air fan/Air scrub.-Large (per 24 hr period)-No monit.	10.00 DA	0.00	107.26	0.00	1,072.60
5. Add for HEPA filter (for negative air exhaust fan)	1.00 EA	0.00	213.25	0.00	213.25
6. Add for personal protective equipment - Heavy duty	20.00 EA	0.00	38.87	0.00	777.40
7. Personal protective gloves - Heavy duty (per pair)	20.00 EA	0.00	5.83	0.00	116.60
8. Respirator - Full face - multi-purpose resp. (per day)	10.00 DA	0.00	7.61	0.00	76.10
9. Respirator cartridge - HEPA only (per pair)	20.00 EA	0.00	15.26	0.00	305.20
10. Demobilization	1.00 EA	0.00	550.00	0.00	550.00
Demobilization charge to include containment removal, equipment pick up & decontamination.					
11. Additional driving charge - per mile	660.00 EA	0.00	0.75	0.00	495.00
12. Hazardous waste hauling & disposal - per bag	200.00 EA	0.00	5.75	0.00	1,150.00
Hazardous waste hauling and disposal at an EPA-approved landfill.					
Totals: General Items				0.00	5,471.57

Main Level



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Chief's Office

Height: 8'

430.44 SF Walls	195.50 SF Ceiling
625.94 SF Walls & Ceiling	195.50 SF Floor
21.72 SY Flooring	53.17 LF Floor Perimeter
57.00 LF Ceil. Perimeter	

Missing Wall - Goes to Floor

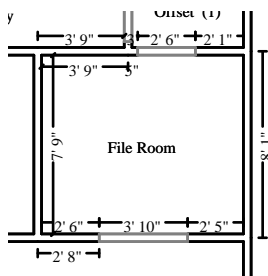
3' 10" X 6' 8"

Opens into FILE_ROOM

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	TOTAL
13. Containment Barrier/Airlock/Decon. Chamber	430.44 SF	0.00	1.50	0.00	645.66
14. Remove drywall with asbestos acoustic and bag for disposal	24.00 SF	2.50	0.00	0.00	60.00
15. Scrape off asbestos acoustic from drywall and bag for disposal	171.50 SF	5.75	0.00	0.00	986.13
16. Remove carpet and bag for disposal	195.50 SF	0.95	0.00	0.00	185.73
17. Chemically remove asbestos floor mastic from concrete and bag for disposal	195.50 SF	7.25	0.00	0.00	1,417.38
18. HEPA Vacuuming/wet wiping	821.44 SF	0.00	1.75	0.00	1,437.52

Totals: Chief's Office

0.00 4,732.42



File Room

Height: 8'

221.78 SF Walls	67.81 SF Ceiling
289.59 SF Walls & Ceiling	67.81 SF Floor
7.53 SY Flooring	26.67 LF Floor Perimeter
33.00 LF Ceil. Perimeter	

Missing Wall - Goes to Floor

2' 6" X 6' 8"

Opens into OFFSET

Missing Wall - Goes to Floor

3' 10" X 6' 8"

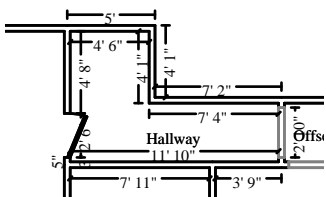
Opens into CHIEFS_OFFI

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	TOTAL
19. Containment Barrier/Airlock/Decon. Chamber	221.78 SF	0.00	1.50	0.00	332.67
20. Remove drywall with asbestos acoustic and bag for disposal	67.81 SF	2.50	0.00	0.00	169.53

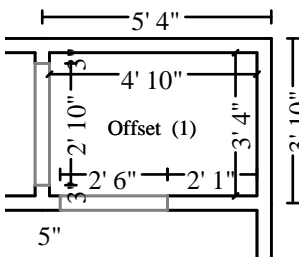
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CONTINUED - File Room

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	TOTAL
21. Remove carpet and bag for disposal	67.81 SF	0.95	0.00	0.00	64.42
22. Chemically remove asbestos floor mastic from concrete and bag for disposal	67.81 SF	7.25	0.00	0.00	491.62
23. HEPA Vacuuming/wet wiping	357.40 SF	0.00	1.75	0.00	625.45
Totals: File Room				0.00	1,683.69


Hallway
Height: 8'

272.44 SF Walls	57.76 SF Ceiling
330.20 SF Walls & Ceiling	57.76 SF Floor
6.42 SY Flooring	33.17 LF Floor Perimeter
38.50 LF Ceil. Perimeter	

Door
2' 6" X 6' 8"
Opens into OFFICE

Subroom: Offset (1)
Height: 8'

95.11 SF Walls	16.11 SF Ceiling
111.22 SF Walls & Ceiling	16.11 SF Floor
1.79 SY Flooring	11.00 LF Floor Perimeter
16.33 LF Ceil. Perimeter	

Missing Wall - Goes to Floor
2' 10" X 6' 8"
Opens into HALLWAY
Missing Wall - Goes to Floor
2' 6" X 6' 8"
Opens into FILE_ROOM

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	TOTAL
24. Containment Barrier/Airlock/Decon. Chamber	367.56 SF	0.00	1.50	0.00	551.34
25. Remove drywall with asbestos acoustic and bag for disposal	38.23 SF	2.50	0.00	0.00	95.58
26. Scrape off asbestos acoustic from drywall and bag for disposal	35.64 SF	5.75	0.00	0.00	204.93
27. Remove carpet and bag for disposal	73.87 SF	0.95	0.00	0.00	70.18

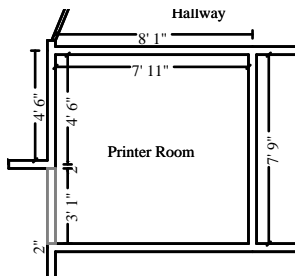


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CONTINUED - Hallway

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	TOTAL
28. Remove asbestos vinyl tile flooring and bag for disposal	73.87 SF	4.50	0.00	0.00	332.42
29. Chemically remove asbestos floor mastic from concrete and bag for disposal	73.87 SF	7.25	0.00	0.00	535.56
30. HEPA Vacuuming/wet wiping	515.29 SF	0.00	1.75	0.00	901.76
Totals: Hallway				0.00	2,691.77



Printer Room

Height: 8'

230.11 SF Walls	61.35 SF Ceiling
291.47 SF Walls & Ceiling	61.35 SF Floor
6.82 SY Flooring	28.25 LF Floor Perimeter
31.33 LF Ceil. Perimeter	

Missing Wall - Goes to Floor

3' 1" X 6' 8"

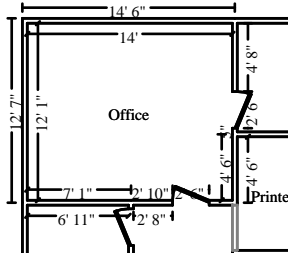
Opens into ENTRY

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	TOTAL
31. Containment Barrier/Airlock/Decon. Chamber	230.11 SF	0.00	1.50	0.00	345.17
32. Remove drywall with asbestos acoustic and bag for disposal	61.35 SF	2.50	0.00	0.00	153.38
33. Remove carpet and bag for disposal	61.35 SF	0.95	0.00	0.00	58.28
34. Chemically remove asbestos floor mastic from concrete and bag for disposal	61.35 SF	7.25	0.00	0.00	444.79
35. HEPA Vacuuming/wet wiping	352.82 SF	0.00	1.75	0.00	617.44
Totals: Printer Room				0.00	1,619.06



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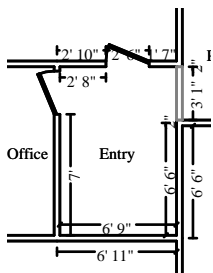
Office

Height: 8'

384.00 SF Walls
 553.17 SF Walls & Ceiling
 18.80 SY Flooring
 52.17 LF Ceil. Perimeter
 169.17 SF Ceiling
 169.17 SF Floor
 47.17 LF Floor Perimeter

Door 2' 6" X 6' 8" **Opens into ENTRY**
Door 2' 6" X 6' 8" **Opens into HALLWAY**

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	TOTAL
36. Containment Barrier/Airlock/Decon. Chamber	384.00 SF	0.00	1.50	0.00	576.00
37. Remove drywall with asbestos acoustic and bag for disposal	169.17 SF	2.50	0.00	0.00	422.93
38. Remove carpet and bag for disposal	169.17 SF	0.95	0.00	0.00	160.71
39. Chemically remove asbestos floor mastic from concrete and bag for disposal	169.17 SF	7.25	0.00	0.00	1,226.48
40. HEPA Vacuuming/wet wiping	722.33 SF	0.00	1.75	0.00	1,264.08
Totals: Office				0.00	3,650.20



Entry

Height: 8'

210.11 SF Walls
 275.92 SF Walls & Ceiling
 7.31 SY Flooring
 33.00 LF Ceil. Perimeter
 65.81 SF Ceiling
 65.81 SF Floor
 24.92 LF Floor Perimeter

Door 2' 6" X 6' 8" **Opens into OFFICE**
Missing Wall - Goes to Floor 3' 1" X 6' 8" **Opens into PRINTER_ROOM**
Door 2' 6" X 6' 8" **Opens into RECEPTION_OF**

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	TOTAL
41. Containment Barrier/Airlock/Decon. Chamber	210.11 SF	0.00	1.50	0.00	315.17
42. Peel & seal zipper - heavy duty	2.00 EA	0.00	18.75	0.00	37.50

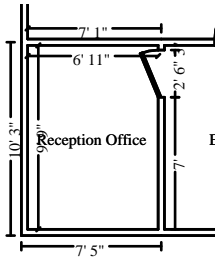


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CONTINUED - Entry

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	TOTAL
43. Remove drywall with asbestos acoustic and bag for disposal	20.00 SF	2.50	0.00	0.00	50.00
44. Scrape off asbestos acoustic from drywall and bag for disposal	45.81 SF	5.75	0.00	0.00	263.41
45. Remove carpet and bag for disposal	65.81 SF	0.95	0.00	0.00	62.52
46. Chemically remove asbestos floor mastic from concrete and bag for disposal	65.81 SF	7.25	0.00	0.00	477.12
47. HEPA Vacuuming/wet wiping	341.74 SF	0.00	1.75	0.00	598.05
Totals: Entry				0.00	1,803.77



Reception Office

Height: 8'

250.00 SF Walls	67.44 SF Ceiling
317.44 SF Walls & Ceiling	67.44 SF Floor
7.49 SY Flooring	30.83 LF Floor Perimeter
33.33 LF Ceil. Perimeter	

Door 2' 6" X 6' 8" Opens into ENTRY

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	TOTAL
48. Containment Barrier/Airlock/Decon. Chamber	250.00 SF	0.00	1.50	0.00	375.00
49. Remove drywall with asbestos acoustic and bag for disposal	35.00 SF	2.50	0.00	0.00	87.50
50. Scrape off asbestos acoustic from drywall and bag for disposal	32.44 SF	5.75	0.00	0.00	186.53
51. Remove carpet and bag for disposal	67.44 SF	0.95	0.00	0.00	64.07
52. Chemically remove asbestos floor mastic from concrete and bag for disposal	67.44 SF	7.25	0.00	0.00	488.94
53. HEPA Vacuuming/wet wiping	384.88 SF	0.00	1.75	0.00	673.54
Totals: Reception Office				0.00	1,875.58
Total: Main Level				0.00	18,056.49



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Line Item Totals: MORONGO-VALLEY-FIRE

0.00

23,528.06

Grand Total Areas:

2,094.00 SF Walls	700.95 SF Ceiling	2,794.95 SF Walls and Ceiling
700.95 SF Floor	77.88 SY Flooring	255.17 LF Floor Perimeter
0.00 SF Long Wall	0.00 SF Short Wall	294.67 LF Ceil. Perimeter
700.95 Floor Area	770.84 Total Area	2,094.00 Interior Wall Area
1,080.00 Exterior Wall Area	120.00 Exterior Perimeter of Walls	
0.00 Surface Area	0.00 Number of Squares	0.00 Total Perimeter Length
0.00 Total Ridge Length	0.00 Total Hip Length	



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Summary

Line Item Total	23,528.06
Replacement Cost Value	\$23,528.06
Net Claim	\$23,528.06

Dennis Vargas



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Recap of Taxes



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Recap by Room

Estimate: MORONGO-VALLEY-FIRE

General Items	5,471.57	23.26%
Area: Main Level		
Chief's Office	4,732.42	20.11%
File Room	1,683.69	7.16%
Hallway	2,691.77	11.44%
Printer Room	1,619.06	6.88%
Office	3,650.20	15.51%
Entry	1,803.77	7.67%
Reception Office	1,875.58	7.97%
<hr/>		
Area Subtotal: Main Level	18,056.49	76.74%
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Subtotal of Areas	23,528.06	100.00%
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Total	23,528.06	100.00%



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Recap by Category

Items	Total	%
GENERAL DEMOLITION	8,760.14	37.23%
PERMITS AND FEES	867.81	3.69%
HAZARDOUS MATERIAL REMEDIATION	13,900.11	59.08%
Subtotal	23,528.06	100.00%

EXCLUSIONS & CLARIFICATIONS:

1. Owner needs to provide electric and water required for asbestos abatement unless otherwise agreed upon and included in scope of work.
2. Unless stated otherwise, any insulation behind the walls and ceilings demoed or being worked on will also be removed in the process.
3. During a shower/ tub demo, if transite material is discovered behind the demoed shower/tub, it will be removed in the process. Additional cost may apply.
4. Forte' Environmental is not responsible for repair or replacement of any previously impacted structural, architectural, mechanical or electrical items.
5. Forte' Environmental cannot be held responsible for damage resulting from abatement/demo procedures such as, but not limited to: tape damage to paint, paneling or wallpaper, moisture damage to walls or flooring, windows, framing, baseboards, toe kicks, etc. Repairs & costs should be established with the general contractor. Costs for repairs are not covered by Forte' Environmental.
6. In order to access materials contracted to be removed for abatement, certain household items such as, but not limited to: appliances, cabinetry, toilets, vanities, toe kicks, baseboards, shelving, mirrors, etc. may need to be removed and saved for re-installation by another general contractor. Every effort will be made not to damage anything removed that is desired to be saved. These items are not meant to be detached and reinstalled multiple times. Therefore, Forte' Environmental cannot be held responsible for any damage that may occur during the removal process. Contents and appliances should be moved prior to project start unless otherwise stated in scope of work to avoid damages. If content manipulation is required upon arrival, additional costs may apply.
7. If needed, Forte' Environmental will detach the linen closet(s) or any cabinet(s) that may be preventing a clean and proper scrape of the acoustic material. By this contract, client authorizes the removal of closets and/or cabinets and is releasing Forte' Environmental of any damages that may occur.
8. Forte' Environmental cannot be held responsible for any angle stop leakage when removing anything that has a water connection. These angle stops have been in the on position for years and may have mineral build up which makes it impossible to shut the angle stop valve completely off. If this is the case, a bucket will be placed under the angle stop to catch any dripping that may occur and the owner, as well as the applicable contractor, will be notified.
9. During ceiling removals/ scrapings, radiant heat coils may get damaged. Forte' Environmental will put in the greatest effort not to damage any of the radiant heat coils that may be present in the ceiling. However, by this contract, Forte' Environmental is released from all liability and will not be held responsible for any damages that may occur.
10. When cutting HVAC or light fixture holes, Forte' Environmental cannot be held at fault for any reason(s). The plaster/ drywall/ acoustic material is unstable and could crack off easily in the process. Forte' Environmental will make every attempt to avoid these unexpected damages, but at times, these are unavoidable and Forte' Environmental will not be held responsible for such damage(s).
11. Owner is responsible for equipment left on site.



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12. Forte' Environmental is not responsible for performing air clearances. Clearance testing must be performed by a Certified Asbestos Consultant (CAC).
13. Clearance testing is not included in the total project cost.
14. During the course of the abatement, unforeseen and unpredictable conditions may arise. Variation to the scope of work is expected as the project unfolds and additional costs may apply.
15. Due to pre-existing conditions in work area, Forte' Environmental is not responsible for any cross contamination issues in surrounding areas of the home not being abated on our scope of work.
16. Restoration or repairs are not included in this estimate. A separate estimate is to be provided by the restoration project manager.

Payment is due upon completion of project. Please make check payable to Forte ' Environmental , Tax ID # 33-0974466. All documents will be on hold and will not be released until payment for the services rendered from the above mentioned property has been received.

Total: \$23,528.06

