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Superfund Records Center
SITE: Aerovox
BREAK: 2.3
OTHER: 460570

This is a feasibility level estimate for remediation/demolition of the Aerovox Mill in New Bedford, Massachusetts. The building has a 160,000 SF footprint, 450,000 SF total floor space (building volume 6,720,000 CF) facility will be demolished down to grade, and the demolition waste will be processed/size reduced and disposed of within the basement foundation walls. Prior to demolition, asbestos will be removed from the building and disposed of off site. All interior and exterior equipment will be removed from the building prior to demolition of the building structure. Building demo materials will be removed to a lay down area on site and segregated into wood, mansonry and steel material piles. All materials will go through a size reduction process (cutting, shreading, crushing). This will result in a total debris volume of 25,988 CY. After size reduction there will be 18,350 CY of building and equipment material to dispose of in the building foundation. The processed debris will also be segregated as they are put into the building foundation. During demolition, dust control will be required, and all foundation run-off water will be captured and treated to remove PCBs prior to dumping into the adjacent river. When demolition and disposal are complete a 2' thick earthen cap will be place over the entire 11.3 acre site. There is also an option (Option #1) included in this estimate to install a waterproof synthetic material in the earthen cap. Prime Contractor markups included in the estimate are as follows: 10% field overhead, 7% office overhead, 10% profit and 2% bond. Those work tasks likely to be subcontracted have additional markups applied. Productivity is adjusted to 75% for working in urban high traffic area and on a contaminated site. Also, 9% escalation/database correction and 20% contingency are applied. Markups percentages shown in estimate, above line item costs, are prime plus sub markup percentages.

SDMS DocID 460570

Estimated by CENAE-Cost Engineering Section
Designed by CENAE
Prepared by Mike Remy
Preparation Date 2/26/2007
Effective Date of Pricing 2/26/2007
Estimated Construction Time 540 Days

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-2.3 = 13.7 m

Description	UOM	Quantity	Profit	Bond	Escalation	Contingency	LaborCost	EQCost	MatlCost	ContractorCost	ProjectCost
Aerovox Dem Summary Report			814,431.87	239,165.92	1,097,771.59	2,659,046.73	2,579,274.83	1,933,567.31	1,933,714.47	12,197,462.09	15,954,280.41
Mobilization	EA	1.0000	31,042.28	6,829.30	31,346.50	75,928.18	36,740.40	14,483.11	24,248.91	348,294.40	455,569.07
Asbestos Removal	EA	1.0000	35,709.51	14,997.99	68,840.79	166,747.70	231,021.97	24,179.14	123,417.66	764,897.70	1,000,486.19
Mercury Contaminated Waste	EA	1.0000	3,819.72	1,604.28	7,363.66	17,836.41	0.00	0.00	0.00	81,818.39	107,018.46
Asbestos Removal and Disposal	EA	1.0000	31,889.79	13,393.71	61,477.14	148,911.29	231,021.97	24,179.14	123,417.66	683,079.30	893,467.73
Building Demolition	CF	6,730,000.0000	401,391.82	140,074.58	642,942.31	1,557,349.14	1,797,757.91	1,391,752.08	361,008.19	7,143,803.40	9,344,094.85
Building Shell Demo	EA	1.0000	92,545.70	38,869.19	178,409.59	432,147.68	533,479.60	587,235.70	0.00	1,982,328.81	2,592,886.08
Surface Water Collection Berm Construction	EA	1.0000	24,956.08	10,481.55	48,110.32	116,533.89	129,121.60	97,279.29	106,898.00	534,559.15	699,203.36
Health, Safety, Testing	EA	1.0000	80,460.35	17,701.28	81,248.86	196,802.81	203,142.00	0.00	0.00	902,765.16	1,180,816.83
Remove Debris & Segregate	EA	1.0000	91,495.62	26,010.24	119,387.02	289,181.89	461,119.31	234,696.78	0.00	1,326,522.44	1,735,091.35
Remove Building Structure Demo Debris from Foundation	CY	11,131.0000	11,429.73	4,800.49	22,034.23	53,371.81	57,662.28	82,481.63	0.00	244,824.82	320,230.86
Segregate Materials & Stockpile	CY	26,048.0000	17,976.30	7,550.05	34,654.72	83,941.43	96,739.28	122,339.49	0.00	385,052.42	503,648.56
Remove Interior & Exterior Equipment	CY	14,907.0000	62,089.59	13,659.71	62,698.07	151,868.65	306,717.75	29,875.67	0.00	696,645.20	911,211.92
Foundation Water Treatment	GAL	18,000,000.0000	19,769.82	8,303.32	38,112.26	92,316.36	0.00	0.00	0.00	423,469.54	553,898.16
Place Debris Back Into Bldg Foundation	CY	18,350.0000	10,159.95	4,267.18	19,586.36	47,442.51	58,727.88	63,875.00	0.00	217,626.20	284,655.07
Abandon/Cap Utilities	LS	1.0000	8,292.07	3,482.67	15,985.44	38,720.30	50,000.00	50,000.00	0.00	177,616.05	232,321.79
Debris Size Reduction-Crushing Interior Equipment	CY	14,907.0000	15,631.05	6,565.04	30,133.54	72,990.14	89,442.00	89,442.00	14,907.00	334,817.16	437,940.84
Debris Size Reduction-Crushing Building Structure Debris	CY	11,081.0000	16,113.48	6,767.66	31,063.56	75,242.85	38,296.00	64,192.00	148,873.00	345,150.70	451,457.12
Dust Suppression	MO	4.0000	41,967.70	17,626.44	80,905.34	195,970.71	234,429.52	205,031.30	90,330.19	898,948.19	1,175,824.24
Cap Site -Natural/Soil Cover	ACR	11.3000	176,553.50	38,841.77	178,283.73	431,842.80	188,569.28	413,094.30	651,103.45	1,980,930.29	2,591,056.81
Backfill and Grade	EA	1.0000	107,223.22	23,589.11	108,274.01	262,263.70	147,101.21	303,885.81	273,460.00	1,203,044.51	1,573,582.22
Loam and Seed	EA	1.0000	69,330.28	15,252.66	70,009.72	169,579.10	41,468.07	109,208.48	377,643.45	777,885.77	1,017,474.59
Work, Health and Safety Plans	EA	10.0000	5,403.17	2,269.33	10,416.24	25,230.45	0.00	0.00	0.00	115,735.99	151,382.67
Health and Safety Plan	EA	1.0000	540.75	227.12	1,042.46	2,525.06	0.00	0.00	0.00	11,582.87	15,150.39
Emergency Response Plan	EA	1.0000	540.75	227.12	1,042.46	2,525.06	0.00	0.00	0.00	11,582.87	15,150.39
Utility Decommissioning Plan	EA	1.0000	540.75	227.12	1,042.46	2,525.06	0.00	0.00	0.00	11,582.87	15,150.39
Asbestos, Mercury and Controlled Waste Remediation Plan	EA	1.0000	540.75	227.12	1,042.46	2,525.06	0.00	0.00	0.00	11,582.87	15,150.39
Building Demolition Plan	EA	1.0000	536.42	225.30	1,034.12	2,504.86	0.00	0.00	0.00	11,490.20	15,029.18
Air Quality Complicance and Dust Control Plan	EA	1.0000	540.75	227.12	1,042.46	2,525.06	0.00	0.00	0.00	11,582.87	15,150.39
Surface Water Runoff Management Plan	EA	1.0000	540.75	227.12	1,042.46	2,525.06	0.00	0.00	0.00	11,582.87	15,150.39
Waste Disposal Plan	EA	1.0000	540.75	227.12	1,042.46	2,525.06	0.00	0.00	0.00	11,582.87	15,150.39
Material Recyling and Salvage Plan	EA	1.0000	540.75	227.12	1,042.46	2,525.06	0.00	0.00	0.00	11,582.87	15,150.39
Grading, Capping and Drainage Plan	EA	32.0000	540.75	227.12	1,042.46	2,525.06	0.00	0.00	0.00	11,582.87	15,150.39
Option #1-Synthetic Cap System	ACR	11.3000	156,649.89	34,462.98	158,185.06	383,159.38	292,209.07	81,107.60	772,607.32	1,757,611.81	2,298,956.25
Demobilization	EA	1.0000	7,681.68	1,689.97	7,756.97	18,789.09	32,976.20	8,951.08	1,328.94	86,188.50	112,734.56

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Estimated by CENAE-Cost Engineering Section

Designed by CENAE

Prepared by Mike Remy

Preparation Date 2/26/2007

Effective Date of Pricing 2/26/2007

Estimated Construction Time 540 Days

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Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
Aerovox-New Bedford, MA			**714,459.51**	**511,304.75**	**814,431.87**	**239,165.92**	**1,097,771.59**	**2,659,046.73**	**12,197,462.09**	**15,954,280.41**
									348,294.3951	*455,569.0687*
Mobilization	**EA**	**1.0000**	**26,374.07**	**20,308.03**	**31,042.28**	**6,829.30**	**31,346.50**	**75,928.18**	**348,294.40**	**455,569.07**
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*0.3830*	*0.5009*
AF 015108000450 Temporary Power, for lighting only, 23.6 KWH/month, max (Note: Assume 50% of entire site will require some lighting for security and safety reasons for 12 months.)	M2	164,076.0000	4,758.20	3,663.82	5,600.41	1,232.09	5,655.29	13,698.37	62,836.56	82,190.22
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*377.2013*	*493.3793*
AF 015205000550 Office Trailer, furnished, rent per month, 50' x 12', excl. hookups (Note: for contractor office)	MO	18.0000	514.13	395.88	605.14	133.13	611.07	1,480.14	6,789.62	8,880.83
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*377.2013*	*493.3793*
AF 015205000550 Office Trailer, furnished, rent per month, 50' x 12', excl. hookups (Note: for COE office, provided by contractor)	MO	18.0000	514.13	395.88	605.14	133.13	611.07	1,480.14	6,789.62	8,880.83
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*138.0681*	*180.5931*
AF 015205001350 Storage Boxes, rent per month, 40' x 8' (Note: Assume 2 ea for 18 months)	MO	36.0000	376.38	289.81	443.00	97.46	447.34	1,083.56	4,970.45	6,501.35
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*111.1544*	*145.3900*
AF 015205001400 Toilet, portable, chemical, rent per month (Note: Assume three each for 18 months.)	EA	54.0000	454.52	349.98	534.97	117.69	540.21	1,308.51	6,002.34	7,851.06
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*9.1495*	*11.9675*
AF 015602500100 Temporary Fencing, chain link, 6' high, 11 ga (Note: Assume costs for some temp fencing will be required for vehicle storage or to repairs areas of existing fencing at property perimeter.)	LF	1,000.0000	692.83	533.48	815.46	179.40	823.45	1,994.58	9,149.46	11,967.50
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*25.1133*	*32.8482*
AF 015807000010 Project Signs, sign, Hi-intensity reflectorized, buy, excl. posts (Note: Assume 15 signs, average area of 9 SF. Assume $2 per SF for sign and post installation.,)	SF	135.0000	256.73	197.68	302.17	66.48	305.13	739.08	3,390.29	4,434.51
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*91.0667*	*119.1152*
MIL B-ELECTRN Electricians	HR	160.0000	1,103.34	849.57	1,298.63	285.70	1,311.36	3,176.41	14,570.67	19,058.44
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*86.1265*	*112.6535*
MIL B-LABORER Laborers, (Semi-Skilled)	HR	320.0000	2,086.98	1,606.97	2,456.37	540.40	2,480.44	6,008.19	27,560.48	36,049.11
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*108.6670*	*142.1365*
MIL X-EQOPRHVY Outside Equip. Operators, Heavy (Note: Prepare and move equipment to work site.)	HR	160.0000	1,316.58	1,013.77	1,549.62	340.92	1,564.80	3,790.31	17,386.72	22,741.83
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*71.0336*	*92.9119*
MAP T50XX029 TRUCK, HIGHWAY, 50,000 LBS GVW, 2 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)	HR	160.0000	860.63	662.68	1,012.96	222.85	1,022.88	2,477.65	11,365.38	14,865.91
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*16.8769*	*22.0750*
EP T45EA007 TRUCK TRAILER, LOWBOY, 50 TON, 3 AXLE , DETATCHABLE GOOSENECK (ADD TOWING TRUCK)	HR	160.0000	204.48	157.45	240.67	52.95	243.03	588.67	2,700.31	3,532.01
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*35.3053*	*46.1793*

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
GEN L50Z4650 LOADER/BACKHOE, WHEEL, 1.25 CY (0.9 M3) FRONT END BUCKET, 12.0' (3.7 M) DEPTH OF HOE, 24" (0.61 M) DIPPER, 7.0 CF (0.2 M3), 4X2	HR	160.0000	427.75	329.37	503.46	110.76	508.40	1,231.45	5,648.84	7,388.69
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*18.0851*	*23.6553*
EP T50XX008 TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP, 4X2	HR	320.0000	438.23	337.44	515.79	113.47	520.85	1,261.61	5,787.22	7,569.68
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*78.0110*	*102.0384*
MIL X-TRKDVRHV Outside Truck Drivers, Heavy	HR	160.0000	945.16	727.78	1,112.46	244.74	1,123.36	2,721.02	12,481.77	16,326.15
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*12,572.0549*	*16,444.2476*
MIL 013107000770 Security officer	MO	12.0000	11,424.00	8,796.48	13,446.05	2,958.13	13,577.82	32,888.50	150,864.66	197,330.97
(Note: Security Officer required for 12 months 16 hours per week day and 24 hours per day on weekends Assume 476 hours per month at $20 per hour direct cost.)										
									764,897.6971	*1,000,486.1876*
Asbestos Removal	**EA**	**1.0000**	**33,018.50**	**20,801.66**	**35,709.51**	**14,997.99**	**68,840.79**	**166,747.70**	**764,897.70**	**1,000,486.19**
									81,818.3931	*107,018.4582*
Mercury Contaminated Waste	**EA**	**1.0000**	**3,531.87**	**2,225.08**	**3,819.72**	**1,604.28**	**7,363.66**	**17,836.41**	**81,818.39**	**107,018.46**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*53.7097*	*70.2523*
HTW 021055508464 Metals (Mercury) 7470 test, per EPA SW-860	EA	100.0000	231.85	146.07	250.75	105.31	483.39	1,170.87	5,370.97	7,025.23
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*1,544.4245*	*2,020.1072*
HTW 021055504132 Mercury vapor monitor, monthly rental	MO	12.0000	800.02	504.01	865.22	363.39	1,667.98	4,040.21	18,533.09	24,241.29
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*57,914.3250*	*75,751.9371*
AFH 021055507126 PLACE HOLDER Cost for removal of mercury from equipment or building debris	EA	1.0000	2,500.00	1,575.00	2,703.75	1,135.58	5,212.29	12,625.32	57,914.33	75,751.94
(Note: Cost inputted 50k plus markups as place holder only.)										
									683,079.3040	*893,467.7296*
Asbestos Removal and Disposal	**EA**	**1.0000**	**29,486.63**	**18,576.58**	**31,889.79**	**13,393.71**	**61,477.14**	**148,911.29**	**683,079.30**	**893,467.73**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*4.4553*	*5.8275*
CIV 132811200610 Bulk Asbestos Removal, pipe insulation, air cell type, 4" to 8" dia pipe, incl. disp. tools & 4 suits & resp./day/worker	LF	1,120.0000	215.40	135.70	232.96	97.84	449.09	1,087.80	4,989.91	6,526.80
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*3.9577*	*5.1766*
CIV 132811200600 Bulk Asbestos Removal, pipe insulation, air cell type, up to 4" dia pipe, incl. disp. tools & 4 suits & resp./day/worker	LF	1,129.0000	192.88	121.51	208.60	87.61	402.14	974.07	4,468.21	5,844.42
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*4.5882*	*6.0013*
CIV 132811200670 Bulk Asbestos Removal, mag block type, isolated area, 4" to 6" dia, incl. disp. tools & 4 suits & resp./day/worker	LF	3,436.0000	680.53	428.73	735.99	309.12	1,418.85	3,436.77	15,764.99	20,620.60
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*0.9223*	*1.2063*
CIV 132811208200 Bulk Asbestos Removal, asbestos shingle roofing, incl. disp. tools & 4 suits & resp./day/worker	SF	63,000.0000	2,508.14	1,580.13	2,712.56	1,139.27	5,229.27	12,666.44	58,102.96	75,998.67
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*2.4864*	*3.2522*
CIV 132811208100 Bulk Asbestos Removal, transite shingle siding, incl. disp. tools & 4 suits & resp./day/worker	SF	5,175.0000	555.44	349.93	600.71	252.30	1,158.05	2,805.04	12,867.18	16,830.27

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*32.5448*	*42.5686*
CIV 132811200200 Bulk Asbestos Removal, boiler insulation, incl. disp. tools & 4 suits & resp./day/worker (Note: User defined to meet requirements and recent unit costs.)	SF	5,913.0000	8,306.99	5,233.40	8,984.01	3,773.28	17,319.38	41,951.38	192,437.51	251,708.26
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*5.0851*	*6.6513*
CIV 132811200620 Bulk Asbestos Removal, pipe insulation, air cell type, 10" to 12" dia pipe, incl. disp. tools & 4 suits & resp./day/worker	LF	1,500.0000	329.27	207.44	356.10	149.56	686.49	1,662.84	7,627.68	9,977.01
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*3.6543*	*4.7799*
CIV 132811200665 Bulk Asbestos Removal, mag block type, isolated area, 1/2" to 4" dia, incl. disp. tools & 4 suits & resp./day/worker	LF	1,932.0000	304.77	192.00	329.61	138.43	635.41	1,539.12	7,060.16	9,234.69
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*6.0944*	*7.9715*
CIV 132811200680 Bulk Asbestos Removal, mag block type, isolated area, 7" to 12" dia, incl. disp. tools & 4 suits & resp./day/worker	LF	1,409.0000	370.68	233.53	400.89	168.37	772.83	1,871.97	8,587.02	11,231.82
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*2,085.0258*	*2,727.2136*
CIV 132811250480 Asbestos Abatement Work Area, decontamination chamber, portable, custom facility, exterior weatherized, cost amortized over 10 jobs	EA	1.0000	90.00	56.70	97.34	40.88	187.65	454.54	2,085.03	2,727.21
CIV 132811250030 Asbestos Abatement Work Area, equipment mobilization fees & truck decontamination	LS	1.0000	100.00	63.00	108.15	45.42	208.49	505.01	2,316.57	3,030.08
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*3.2374*	*4.2345*
CIV 132811250490 Asbestos Abatement Work Area, erect barrier, wood frame with vision screen	SF	5,000.0000	698.75	440.21	755.70	317.39	1,456.83	3,528.77	16,187.01	21,172.60
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*85.5446*	*111.8924*
CIV 132811451100 OSHA Testing, cleaned area samples, PCM air sample analysis, min	EA	200.0000	738.54	465.28	798.74	335.47	1,539.80	3,729.75	17,108.93	22,378.48
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*405.4003*	*530.2636*
CIV 132811451220 OSHA Testing, cleaned area samples, TEM analysis, 24 to 48 hour turnaround cost	EA	200.0000	3,500.00	2,205.00	3,785.25	1,589.81	7,297.20	17,675.45	81,080.06	106,052.71
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*23.9418*	*31.3159*
CIV 132811352100 Asbestos Abatement Equip. & Supplies, Buy, paper equipment, worker/day: paper respirator, pump, battery	EA	763.0000	788.56	496.79	852.83	358.19	1,644.08	3,982.33	18,267.58	23,893.99
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*406.3683*	*531.5298*
CIV 132811406000 Decontamination Containment Area Demolition & Cleanup, post abatement visual inspection	EA	1.0000	17.54	11.05	18.97	7.97	36.57	88.59	406.37	531.53
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*4.1227*	*5.3925*
AF 023154904100 Hauling, 12 C.Y. truck, 5 mile haul, includes loading	LCY	1,074.0000	191.14	120.42	206.71	86.82	398.50	965.27	4,427.82	5,791.59
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*4.3565*	*5.6984*
CIV 132811553100 Waste Packaging, Handling & Disposal, cart bags from work site to haul truck	EA	5,799.0000	1,090.56	687.05	1,179.44	495.36	2,273.72	5,507.46	25,263.57	33,044.76

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
(Note: User Defined Item)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*125.4810*	*164.1292*
RSM 132811555000 Waste Packaging, Handling & Disposal, disposal charges, excl. haul, min	CY	1,074.0000	5,817.50	3,665.03	6,291.63	2,642.48	12,129.00	29,379.13	134,766.63	176,274.76
(Note: Adjusted line item based on cost indicated in Means Environmental Cost Guide.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*121.0989*	*158.3973*
AF 015205001350 Storage Boxes, rent per month, 40' x 8'	MO	12.0000	62.73	39.52	67.84	28.49	130.79	316.79	1,453.19	1,900.77
(Note: Assume 2 ea for 18 months)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*3.8068*	*4.9794*
EP T40MY006 TRUCK OPTIONS, DUMP BODY, REAR, 20.0 CY, AIR GATE (W/HOIST) (ADD 50,000 GVW TRUCK)	HR	361.0000	59.32	37.37	64.16	26.95	123.68	299.59	1,374.27	1,797.55
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*106.4598*	*139.2494*
EP T50XX022 TRUCK, HIGHWAY, 25,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)	HR	361.0000	1,659.00	1,045.17	1,794.21	753.57	3,458.88	8,378.17	38,431.98	50,269.02
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*156.8645*	*205.1788*
MAP L40CA023 LOADER, FRONT END, WHEEL, 3.25 CY BUCKET, ARTICULATED, 4X4	HR	160.0000	1,083.42	682.56	1,171.72	492.12	2,258.85	5,471.43	25,098.32	32,828.61
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*121.0989*	*158.3973*
AF 015205001350 Storage Boxes, rent per month, 40' x 8'	MO	24.0000	125.46	79.04	135.68	56.99	261.57	633.59	2,906.37	3,801.54
(Note: Assume 2 ea for 12 months)										
									1.0615	*1.3884*
Building Demolition	**CF**	**6,730,000.0000**	**360,448.95**	**244,038.65**	**401,391.82**	**140,074.58**	**642,942.31**	**1,557,349.14**	**7,143,803.40**	**9,344,094.85**
									1,982,328.8106	*2,592,886.0843*
Building Shell Demo	**EA**	**1.0000**	**85,571.61**	**53,910.11**	**92,545.70**	**38,869.19**	**178,409.59**	**432,147.68**	**1,982,328.81**	**2,592,886.08**
(Note: Includes cost for knock down of building and movement of debris to crusher area for processing/size reduction. Assume three months duration, 25 days per month and 10 hours per day. Assume 11,081 (reference 1998 Bldg Demo report)CY of un processed debris generated by demolition. Assume 330 CY of debris will be knocked down/generated per day.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*0.2131*	*0.2788*
AF 022201108130 Building demolition, multi-level building, masonry, excludes foundation demolition, dump fees	CF	6,730,000.0000	61,915.49	39,006.76	66,961.60	28,123.87	129,088.57	312,681.20	1,434,317.43	1,876,087.20
(Note: Based on CF of building volume Bldg. Demo Technical Report dated 1998. Assume building volume based on 160,000 SF footprint, (2 and 3 stories areas, 450,000 SF total floor area) each story is approximately 15' high. Unit costs to cover structure, knock down only, no hauling, no loading, no dump fees included. Adjust unit costs to consider that specific areas may be demolished in phases.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*105.3100*	*137.7455*
MIL X-EQOPRHVY Outside Equip. Operators, Heavy	HR	1,540.0000	7,000.75	4,410.47	7,571.31	3,179.95	14,595.97	35,354.68	162,177.42	212,128.07
(Note: Loader and dozer equipment operator labor for moving material around building footprint working from east to west end. Assume 2 operators for 3 months, 25 days per month, 10 hours per day.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*176.9460*	*231.4453*
EP L35KM006 LOADER, FRONT END, CRAWLER, 3.30 CY BUCKET	HR	750.0000	5,728.70	3,609.08	6,195.59	2,602.15	11,943.85	28,930.67	132,709.48	173,584.00
(Note: Assume 2 operators for 3 months, 25 days per month, 10 hours per day.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*184.1980*	*240.9310*
EP T15KM008 TRACTOR, CRAWLER (DOZER), 310 HP, POWERSHIFT, W/11.5 CY SEMI-U BLADE	HR	750.0000	5,963.49	3,757.00	6,449.51	2,708.79	12,433.36	30,116.37	138,148.49	180,698.22
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*102.5392*	*134.1212*
MIL B-WELDERS Welders, Structural Steel	HR	1,000.0000	4,426.33	2,788.59	4,787.08	2,010.57	9,228.52	22,353.54	102,539.17	134,121.23

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
(Note: Assume additional hours of labor for initial cutting of piping, beams, equipment and other steel members required to support demo of building and it's contents. Assume 2welders 10 hour per day for 25 days per month for 2 months.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*310.9206*	*406.6841*
EP C75GV016 CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 100 TON, 160' BOOM, 4X4, W/HOOK BLOCK & BALL	HR	40.0000	536.86	338.22	580.62	243.86	1,119.31	2,711.23	12,436.82	16,267.36
									534,559.1461	*699,203.3631*
Surface Water Collection Berm Construction	**EA**	**1.0000**	**23,075.43**	**14,537.52**	**24,956.08**	**10,481.55**	**48,110.32**	**116,533.89**	**534,559.15**	**699,203.36**
(Note: Assume surface water drainage control is required for the entire 11.3 acre site. Assume 2,400 linear feet of earthen berms required to drain surface water to perimeter areas 3 sides of building to collection area near river. Assume construction of 200' of berm per day. Water to be collected in sump and tested prior to release into river or hauled in tanker for disposal if tests exceed PCB contamination limits. Cost also includes removal of berms prior to capping the entire site.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*131.7738*	*172.3601*
MAP H25CA027 HYDRAULIC EXCAVATOR, CRAWLER, 75,700 LBS, 2.09 CY BUCKET, 21.58' MAX DIGGING DEPTH	HR	120.0000	682.60	430.04	738.23	310.06	1,423.16	3,447.20	15,812.86	20,683.22
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*105.3100*	*137.7455*
MIL X-EQOPRHVY Outside Equip. Operators, Heavy	HR	240.0000	1,091.03	687.35	1,179.94	495.58	2,274.70	5,509.82	25,274.40	33,058.92
(Note: Assume two operators associated with constructing 2,400 LF of drainage swales.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*82.8987*	*108.4315*
MIL B-LABORER Laborers, (Semi-Skilled)	HR	720.0000	2,576.53	1,623.21	2,786.51	1,170.34	5,371.84	13,011.79	59,687.09	78,070.71
(Note: Laborer hour for construction of earthen berm and operation of collection area. Assume two laborers for two months.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*184.1980*	*240.9310*
EP T15KM008 TRACTOR, CRAWLER (DOZER), 310 HP, POWERSHIFT, W/11.5 CY SEMI-U BLADE	HR	240.0000	1,908.32	1,202.24	2,063.84	866.81	3,978.68	9,637.24	44,207.52	57,823.43
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*176.9460*	*231.4453*
EP L35KM006 LOADER, FRONT END, CRAWLER, 3.30 CY BUCKET	HR	240.0000	1,833.18	1,154.91	1,982.59	832.69	3,822.03	9,257.81	42,467.03	55,546.88
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*4.3127*	*5.6411*
GEN P50Z5090 PUMP, WATER, CENTRIFUGAL, TRASH, HOSE, SUCTION/DISCH, 4" (102 MM) DIA x 20' (6.1 M)LENGTH, W/COUPLING/SECTION	HR	17,856.0000	3,324.24	2,094.27	3,595.16	1,509.97	6,930.75	16,787.82	77,008.34	100,726.90
(Note: Assume water collection and pumping to treatment tank, 2 each required for 12 months (31 days per month) of contract period for 24 hours per day. Added material cost of $5 per hour for fuel.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*82.8987*	*108.4315*
MIL B-LABORER Laborers, (Semi-Skilled)	HR	1,860.0000	6,656.02	4,193.29	7,198.49	3,023.37	13,877.25	33,613.78	154,191.64	201,682.67
(Note: Laborer for 12 months, 5 hours per day, for misc. labor associated with drainage swale maintenance and pump fueling, maintenance and repair.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*21.7345*	*28.4288*
MIL 023151205520 Backfill, structural, 6" lifts, backfill around foundation, with dozer	LCY	5,333.0000	5,003.52	3,152.22	5,411.31	2,272.75	10,431.92	25,268.44	115,910.27	151,610.63
(Note: Assume gravel fill to create berm.)										
									902,765.1615	*1,180,816.8313*
Health, Safety, Testing	**EA**	**1.0000**	**68,360.54**	**52,637.61**	**80,460.35**	**17,701.28**	**81,248.86**	**196,802.81**	**902,765.16**	**1,180,816.83**
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*99.1018*	*129.6252*
FOP FD-SAENG Safety Engineers	HR	750.0000	5,628.25	4,333.75	6,624.45	1,457.38	6,689.37	16,203.14	74,326.35	97,218.87
(Note: Assume 10 hours per day for 75 days throughout the contract period)										

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*63.0291*	*82.4421*
RAD FH-AIRMOT Air Monitoring Technicians	HR	1,200.0000	5,727.34	4,410.05	6,741.08	1,483.04	6,807.15	16,488.42	75,634.96	98,930.53
(Note: Assume one 4 hours per day for 12 months (12 x 25 x 4= 1,200 hours) .)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*107.6352*	*140.7868*
RAD FH-CIDEYG Certified Industrial Hygienist	HR	240.0000	1,956.12	1,506.21	2,302.36	506.52	2,324.92	5,631.47	25,832.45	33,788.84
(Note: Assume two days per month, 12 months for 10 hours.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*135.3687*	*177.0623*
RAD FH-HEALTO Site Safety & Health Officer	HR	1,500.0000	15,375.89	11,839.44	18,097.42	3,981.43	18,274.78	44,265.58	203,053.11	265,593.46
(Note: Assume 10 hour per day for 6 months. (10 x 25 x 6 =1500))										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*69.6234*	*91.0675*
RAD FH-HYGTEH Industrial Hygiene Technician	HR	516.0000	2,720.42	2,094.72	3,201.93	704.43	3,233.31	7,831.80	35,925.70	46,990.82
(Note: For testing, assume 12 months, 1 ten hour day per week.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*57.9140*	*75.7515*
MIL B-ASBTSWKR Hazardous Material Handler	HR	240.0000	1,052.51	810.43	1,238.80	272.54	1,250.94	3,030.06	13,899.35	18,180.35
(Note: User Defined from Asbestos Worker template. For miscellaneous labor costs following initial removal from building.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*396.1782*	*518.2011*
AFH 021055507583 User Defined Item-cost for waste characterization testing, full sweet	EA	30.0000	900.00	693.00	1,059.30	233.05	1,069.68	2,591.01	11,885.35	15,546.03
(Note: Assume that a test is required for approximately every 500 CY of debris.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*462,207.9000*	*604,567.9332*
MIL 138303001880 User Defined Place Holder-Medical Monitoring, perimeter air monitoring.	EA	1.0000	35,000.00	26,950.00	41,195.00	9,062.90	41,598.71	100,761.32	462,207.90	604,567.93
									1,326,522.4357	*1,735,091.3458*
Remove Debris & Segregate	**EA**	**1.0000**	**79,942.46**	**57,749.09**	**91,495.62**	**26,010.24**	**119,387.02**	**289,181.89**	**1,326,522.44**	**1,735,091.35**
(Note: Assume 25,998 CY (14,907 equipment and 11,131 bldg debris) of debris to be removed and segregated.)										
									21.9949	*28.7693*
Remove Building Structure Demo Debris from Foundation	**CY**	**11,131.0000**	**10,568.41**	**6,658.10**	**11,429.73**	**4,800.49**	**22,034.23**	**53,371.81**	**244,824.82**	**320,230.86**
(Note: Total building structure debris to remove from hole is potentially 11,131 CY. Assume crew can remove 50 CY PER hour average, so it will require 222 hours to remove material from hole and place in truck and haul, or place on ground and push with dozer to segregation area.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*82.8987*	*108.4315*
248 B-LABORER Laborers, (Semi-Skilled)	HR	444.0000	1,588.86	1,000.98	1,718.35	721.71	3,312.63	8,023.93	36,807.04	48,143.60
(Note: Assume two each.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*105.3100*	*137.7455*
MIL X-EQOPRHVY Outside Equip. Operators, Heavy	HR	444.0000	2,018.40	1,271.59	2,182.90	916.82	4,208.19	10,193.17	46,757.65	61,159.00
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*30.9661*	*40.5036*
GEN L50Z4650 LOADER/BACKHOE, WHEEL, 1.25 CY (0.9 M3) FRONT END BUCKET, 12.0' (3.7 M) DEPTH OF HOE, 24" (0.61 M) DIPPER, 7.0 CF (0.2 M3), 4X2	HR	222.0000	296.75	186.95	320.94	134.79	618.70	1,498.63	6,874.47	8,991.80
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*76.2995*	*99.7998*
MIL X-TRKDVRHV Outside Truck Drivers, Heavy	HR	444.0000	1,462.38	921.30	1,581.56	664.25	3,048.93	7,385.18	33,877.00	44,311.11
(Note: Assume two trucks required.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*62.3032*	*81.4926*

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
MAP T50XX029 TRUCK, HIGHWAY, 50,000 LBS GVW, 2 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)	HR	444.0000	1,194.12	752.29	1,291.44	542.40	2,489.64	6,030.45	27,662.63	36,182.72
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*3.8068*	*4.9794*
EP T40MY006 TRUCK OPTIONS, DUMP BODY, REAR, 20.0 CY, AIR GATE (W/HOIST) (ADD 50,000 GVW TRUCK)	HR	444.0000	72.96	45.97	78.91	33.14	152.12	368.47	1,690.24	2,210.83
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*273.9513*	*358.3283*
MAP H25KM009 HYDRAULIC EXCAVATOR, CRAWLER, 171,070 LBS, 5.25 CY BUCKET, 27.66' MAX DIGGING DEPTH	HR	222.0000	2,625.31	1,653.94	2,839.27	1,192.49	5,473.55	13,258.15	60,817.19	79,548.89
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*136.6604*	*178.7518*
EP C75TE003 CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 50 TON, 105' BOOM, 4X4 (Note: For misc use when removing debris from foundation hole.)	HR	222.0000	1,309.63	825.07	1,416.37	594.87	2,730.48	6,613.82	30,338.61	39,682.91
									14.7824	*19.3354*
Segregate Materials & Stockpile	**CY**	**26,048.0000**	**16,621.64**	**10,471.63**	**17,976.30**	**7,550.05**	**34,654.72**	**83,941.43**	**385,052.42**	**503,648.56**
(Note: 14,907 CY of equipment and 11,131 of building demo debris (total 26,048 CY) will require segregation into stockpiles prior to crushing. Assume crew can segregate (steel, wood, brick, concrete and misc. materials) and stockpile 50 CY per hour.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*82.8987*	*108.4315*
MIL B-LABORER Laborers, (Semi-Skilled) (Note: Assume two laborers for 520 hours.)	HR	1,042.0000	3,728.80	2,349.15	4,032.70	1,693.73	7,774.24	18,830.94	86,380.48	112,985.67
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*105.3100*	*137.7455*
MIL X-EQOPRHVY Outside Equip. Operators, Heavy (Note: two operators for 521 hours)	HR	1,042.0000	4,736.87	2,984.23	5,122.92	2,151.63	9,875.97	23,921.80	109,733.04	143,530.81
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*30.9661*	*40.5036*
GEN L50Z4650 LOADER/BACKHOE, WHEEL, 1.25 CY (0.9 M3) FRONT END BUCKET, 12.0' (3.7 M) DEPTH OF HOE, 24" (0.61 M) DIPPER, 7.0 CF (0.2 M3), 4X2	HR	1,042.0000	1,392.86	877.50	1,506.38	632.68	2,904.00	7,034.13	32,266.65	42,204.77
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*273.9513*	*358.3283*
MAP H25KM009 HYDRAULIC EXCAVATOR, CRAWLER, 171,070 LBS, 5.25 CY BUCKET, 27.66' MAX DIGGING DEPTH	HR	521.0000	6,161.20	3,881.55	6,663.34	2,798.60	12,845.58	31,114.84	142,728.64	186,689.06
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*26.7632*	*35.0062*
GEN H25Z3690 HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, ROTATING GRAPPLE, 2.00 CY (1.5 M3) (ADD TO 75,000 LB (34,019 KG) HYDRAULIC EXCAVATOR)	HR	521.0000	601.91	379.20	650.96	273.40	1,254.93	3,039.71	13,943.62	18,238.25
									46.7328	*61.1264*
Remove Interior & Exterior Equipment	**CY**	**14,907.0000**	**52,752.41**	**40,619.36**	**62,089.59**	**13,659.71**	**62,698.07**	**151,868.65**	**696,645.20**	**911,211.92**
(Note: Assume interior and exterior equipment will be removed prior to demo of building structure. This will reguire opening access holes for entrance and exit when moving equipment. There are approximately 400 rooms within this building making removal of interior equipment time consuming. The total volume of interior and exterior equipment = 14,907 CY uncrushed. Assume 10 CY per hour can be removed from the building, therefore 745 hours of removal are required.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*86.1265*	*112.6535*
248 B-LABORER Laborers, (Semi-Skilled) (Note: Assume two each needed for removal period.)	HR	2,990.0000	19,500.18	15,015.14	22,951.72	5,049.38	23,176.64	56,138.98	257,518.25	336,833.87
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*108.6670*	*142.1365*
MIL X-EQOPRHVY Outside Equip. Operators, Heavy	HR	1,490.0000	12,260.68	9,440.73	14,430.82	3,174.78	14,572.25	35,297.22	161,913.85	211,783.31

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
(Note: Assume one equipment operator required during to operate fork lift/loader.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*35.3053*	*46.1793*
GEN L50Z4650 LOADER/BACKHOE, WHEEL, 1.25 CY (0.9 M3) FRONT END BUCKET, 12.0' (3.7 M) DEPTH OF HOE, 24" (0.61 M) DIPPER, 7.0 CF (0.2 M3), 4X2	HR	1,490.0000	3,983.42	3,067.24	4,688.49	1,031.47	4,734.44	11,467.85	52,604.84	68,807.13
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*105.2104*	*137.6153*
MIL B-WELDERS Welders, Structural Steel	HR	1,490.0000	11,870.69	9,140.43	13,971.80	3,073.80	14,108.72	34,174.46	156,763.57	205,046.74
(Note: Assume one welder required of cutting equipment for half of the hours to remove all equipment.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*91.0667*	*119.1152*
MIL B-ELECTRN Electricians	HR	745.0000	5,137.44	3,955.83	6,046.76	1,330.29	6,106.02	14,790.14	67,844.69	88,740.86
(Note: Required for phased disconnection of electrical power and equipment, lights, motors, fans, HVAC, etc.)										
									0.0235	*0.0308*
Foundation Water Treatment	**GAL**	**18,000,000.0000**	**18,280.00**	**11,516.40**	**19,769.82**	**8,303.32**	**38,112.26**	**92,316.36**	**423,469.54**	**553,898.16**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*0.0232*	*0.0303*
HTW 021706002681 User defined cost for chemical treatment of PCB contaminated water.	GAL	18,000,000.0000	18,000.00	11,340.00	19,467.00	8,176.14	37,528.48	90,902.32	416,983.14	545,413.95
(Note: Contaminated dust control and rain water run off from foundation hole will be collected and treated to remove PCBs. Per PM assume 120,000 gallons per day, 25 days per month, for 6 months. Treated water will then be put into river. Use $.02 per gallon based on historical data from New Bedford Harbor Dredging project that would have similar treatment process. Treatment train is likely to consist of equilizer tanks, bag filters and granular activated carbon.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*231.6573*	*303.0077*
HTW 021055507531 User Defined Item-Testing, water for PCBs and lead content.	EA	28.0000	280.00	176.40	302.82	127.18	583.78	1,414.04	6,486.40	8,484.22
(Note: Per PM assume 28 tests during the 12 month site work period.)										
									11.8597	*15.5125*
Place Debris Back into Bldg Foundation	**CY**	**18,350.0000**	**9,394.32**	**5,918.42**	**10,159.95**	**4,267.18**	**19,586.36**	**47,442.51**	**217,626.20**	**284,655.07**
(Note: Costs for moving 18,350 CY of processed material from crusher/shreader/chipper area into the foundation hole. Assume moving 50 cubic yards per hour into foundation hole. Total debris 18,350 CY/50 per hour=367 hours)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*105.3100*	*137.7455*
MIL X-EQOPRHVY Outside Equip. Operators, Heavy	HR	552.0000	2,509.36	1,580.90	2,713.87	1,139.83	5,231.80	12,672.59	58,131.13	76,035.52
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*82.8987*	*108.4315*
MIL B-LABORER Laborers, (Semi-Skilled)	HR	734.0000	2,626.62	1,654.77	2,840.69	1,193.09	5,476.29	13,264.79	60,847.67	79,588.75
(Note: Assume two laborers during placement of processed debris in building foundation.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*184.1980*	*240.9310*
EP T15KM008 TRACTOR, CRAWLER (DOZER), 310 HP, POWERSHIFT, W/11.5 CY SEMI-U BLADE	HR	183.0000	1,455.09	916.71	1,573.68	660.95	3,033.74	7,348.39	33,708.23	44,090.37
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*176.9460*	*231.4453*
EP L35KM006 LOADER, FRONT END, CRAWLER, 3.30 CY BUCKET	HR	367.0000	2,803.24	1,766.04	3,031.71	1,273.32	5,844.53	14,156.74	64,939.17	84,940.44
Abandon/Cap Utilities	**LS**	**1.0000**	**7,667.19**	**4,830.33**	**8,292.07**	**3,482.67**	**15,985.44**	**38,720.30**	**177,616.05**	**232,321.79**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*177,616.0510*	*232,321.7947*
MIL 022202400015 User Defined Item- Cost for abandoning utilities, capping, cutoff, etc.	EA	1.0000	7,667.19	4,830.33	8,292.07	3,482.67	15,985.44	38,720.30	177,616.05	232,321.79
(Note: Exact requirements not known at this time, use $100,000 direct cost.)										

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
									22.4604	*29.3782*
Debris Size Reduction-Crushing Interior Equipment	**CY**	**14,907.0000**	**14,453.12**	**9,105.47**	**15,631.05**	**6,565.04**	**30,133.54**	**72,990.14**	**334,817.16**	**437,940.84**
(Note: Specifications for debris reduction do not exist at this time. Assume cutting and shreading of steel materials, crushing of masonry, and chipping of wood. Assume equipment will be reduced/processed on site and disposed of in specific areas of building foundation hole.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*22.4604*	*29.3782*
HTW 021252004131 User Defined Line Item- based on previous crushing vendor quote.	CY	14,907.0000	14,453.12	9,105.47	15,631.05	6,565.04	30,133.54	72,990.14	334,817.16	437,940.84
(Note: Total interior and exterior metal equipment to be processed is 14,907 CY and will result in 7,401 CY after size reduction. Assume 1.5 tons per CY of volume.)										
									31.1480	*40.7416*
Debris Size Reduction-Crushing Building Structure Debris	**CY**	**11,081.0000**	**14,899.19**	**9,386.49**	**16,113.48**	**6,767.66**	**31,063.56**	**75,242.85**	**345,150.70**	**451,457.12**
(Note: Specifications for debris reduction do not exist at this time. Assume cutting or shreading of steel materials, crushing of masonry, and chipping or crushing of wood. Assume equipment will be reduced/processed on site and disposed of in specific areas of building foundation hole.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*11.3478*	*14.8429*
HTW 021252004131 User Defined Line Item or Masonry Crushing- based on previous crushing vendor quote.	TON	4,423.0000	2,166.61	1,364.96	2,343.19	984.14	4,517.20	10,941.66	50,191.12	65,649.98
(Note: Assume 4,423 tons require crushing prior to placing in foundation hole. Quantity comes from 1998 Building Demo Report.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*26.6714*	*34.8862*
AF 022303000700 User Defined Line Item for chipping or crushing wood beam and flooring debris.	TON	2,000.0000	2,302.66	1,450.68	2,490.33	1,045.94	4,800.86	11,628.75	53,342.87	69,772.47
(Note: Quantity comes from 1998 Building Demo Report.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*53.2639*	*69.6692*
HTW 021252004131 User Defined Line Item for cutting, shreading or crushing steel structural members.	TON	1,225.0000	2,816.59	1,774.45	3,046.14	1,279.38	5,872.35	14,224.13	65,248.29	85,344.77
(Note: Quantity comes from 1998 Building Demo Report.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*176,368.4244*	*230,689.8991*
AFH 021252006172 User Defined Item- temp building for covered protection for crushing process.	EA	1.0000	7,613.33	4,796.40	8,233.82	3,458.20	15,873.16	38,448.32	176,368.42	230,689.90
(Note: Assume 100' x 200' and 30' high. Building could be a "rub or sprung" structure either constructed or rented for 12 months. Assume approximately $10,000 per month rental/$10 per SF to construct, plus building erection and removal labor. Assume three men one week to construct and one week to remove.)										
									224,737.0484	*293,956.0593*
Dust Suppression	**MO**	**4.0000**	**38,805.09**	**24,447.21**	**41,967.70**	**17,626.44**	**80,905.34**	**195,970.71**	**898,948.19**	**1,175,824.24**
(Note: Assume 240,000 gallons per day for 100 days. Assume supply from hydrant is loaded into trucks that will spray work site during demolition.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*43.7976*	*57.2873*
GEN T45Z7250 TRUCK TRAILER, WATER TANKER, 6,000 GAL (22,712 L) (ADD 60,000 LB (27,216 KG) GVW TRUCK)	HR	3,000.0000	5,671.86	3,573.27	6,134.12	2,576.33	11,825.36	28,643.65	131,392.88	171,861.89
(Note: Assume three tanker trucks for 10 hours for 100 days.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*73.3341*	*95.9210*
MAP T50XX030 TRUCK, HIGHWAY, 70,000 LBS GVW, 2 AXLE, 6X6 (CHASSIS ONLY-ADD OPTIONS)	HR	3,000.0000	9,496.89	5,983.04	10,270.89	4,313.77	19,800.21	47,960.52	220,002.36	287,763.09
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*82.8987*	*108.4315*
MIL B-LABORER Laborers, (Semi-Skilled)	HR	3,000.0000	10,735.52	6,763.38	11,610.47	4,876.40	22,382.66	54,215.77	248,696.20	325,294.63
(Note: Assume one laborer per truck required for moving hoses, etc.)										
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*76.2995*	*99.7998*

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
MIL X-TRKDVRHV Outside Truck Drivers, Heavy	HR	3,000.0000	9,880.92	6,224.98	10,686.21	4,488.21	20,600.88	49,899.90	228,898.62	299,399.3
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*460.9448*	*602.915*
MIL 151209402340 Water supply meter, domestic/commercial, bronze, threaded/flanged, to 100 GPM, 1-1/2" diameter	EA	1.0000	19.90	12.54	21.52	9.04	41.49	100.49	460.94	602.9
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*23.1657*	*30.300*
MIL 151209402340 User defined for water purchased from City of New Bedford for dust control	MCF	3,000.0000	3,000.00	1,890.00	3,244.50	1,362.69	6,254.75	15,150.39	69,497.19	90,902.3
(Note: Assume 240,000 gallons per day for 4 months (25 days/month)= 24,000,000 gallons. Cost is $20 per thousand CF of water. Use 24,000,000/8= 3,000,000 CF/1,000 =3,000 MCF)										
									175,303.5651	*229,297.063*
Cap Site -Natural/Soil Cover	**ACR**	**11.3000**	**150,002.97**	**115,502.29**	**176,553.50**	**38,841.77**	**178,283.73**	**431,842.80**	**1,980,930.29**	**2,591,056.8**
(Note: 36,461 CY required for 2' cover over entire 11.3 acre site.)										
									1,203,044.5120	*1,573,582.221*
Backfill and Grade	**EA**	**1.0000**	**91,098.74**	**70,146.03**	**107,223.22**	**23,589.11**	**108,274.01**	**262,263.70**	**1,203,044.51**	**1,573,582.2**
(Note: Assume 2' of cover over the entire 11.3 acre site.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*2.1571*	*2.821*
MIL 023151205520 Backfill, structural, 6" lifts, backfill around foundation, with dozer	LCY	27,346.0000	4,466.82	3,439.45	5,257.44	1,156.64	5,308.96	12,859.49	58,988.50	77,156.9
(Note: total includes backfill 27,346 CY of gravel and 9,115 CY of top soil. Productivity cut by 50% to compensate for possible requirement for numerous drainage swales.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*1.2884*	*1.685*
MIL 023103303020 Rough grading, open site, large area, 300 H.P., dozer	BCY	18,231.0000	1,778.67	1,369.58	2,093.50	460.57	2,114.01	5,120.61	23,489.04	30,723.6
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*38.7689*	*50.709*
MIL 027202008210 User defined for 18" of gravel over entire site-Aggregate base course for concrete slabs, and capillary water barrier, 1 minus graded gravel, 6" compacted thickness	CY	27,346.0000	80,280.21	61,815.76	94,489.80	20,787.76	95,415.80	231,118.28	1,060,175.57	1,386,709.6
(Note: Assume $20 per CY includes hauling to site from source within 20 miles.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*67.1016*	*87.768*
FOP FC-SURYR Surveyors	HR	900.0000	4,573.05	3,521.25	5,382.48	1,184.15	5,435.23	13,165.33	60,391.41	78,991.9
(Note: Assume two for 30, ten hours days.)										
									777,885.7741	*1,017,474.592*
Loam and Seed	**EA**	**1.0000**	**58,904.23**	**45,356.26**	**69,330.28**	**15,252.66**	**70,009.72**	**169,579.10**	**777,885.77**	**1,017,474.5**
(Note: Assume 6" of loam cover over the entire 11.3 acre site. Assume watering of turf is required for one month.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*76.7183*	*100.347*
MIL 029108100820 Loam or topsoil, furnish and place. Includes hauling for within 20 miles.	LCY	9,115.0000	52,952.47	40,773.40	62,325.06	13,711.51	62,935.85	152,444.61	699,287.18	914,667.6
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*1,219.3298*	*1,594.883*
MIL 029203200320 Seeding, athletic field mix, 450 lb. per acre, mechanical seeding	ACR	11.3000	1,043.35	803.38	1,228.02	270.17	1,240.06	3,003.70	13,778.43	18,022.18
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*652.8577*	*853.937*
AF 029203207022 Seeding, apply limestone, mechanical spread	ACR	11.3000	558.63	430.15	657.51	144.65	663.96	1,608.25	7,377.29	9,649.50
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*648.2377*	*847.895*
RSM 029203207000 Seeding, apply fertilizer, 800 lb./acre	TON	4.5200	221.87	170.84	261.14	57.45	263.70	638.75	2,930.03	3,832.49

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*49.9349*	*65.314*
GEN T45Z7250 TRUCK TRAILER, WATER TANKER, 6,000 GAL (22,712 L) (ADD 60,000 LB (27,216 KG) GVW TRUCK) (Note: Assume 8 hours per day for 31 days.)	HR	248.0000	937.75	722.07	1,103.73	242.82	1,114.55	2,699.68	12,383.85	16,198.07
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*83.6102*	*109.362*
MAP T50XX030 TRUCK, HIGHWAY, 70,000 LBS GVW, 2 AXLE, 6X6 (CHASSIS ONLY-ADD OPTIONS)	HR	248.0000	1,570.15	1,209.02	1,848.07	406.58	1,866.18	4,520.30	20,735.34	27,121.8
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*78.0110*	*102.038*
MIL X-TRKDVRHV Outside Truck Drivers, Heavy	HR	248.0000	1,465.00	1,128.05	1,724.31	379.35	1,741.21	4,217.59	19,346.74	25,305.5
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*26.4119*	*34.546*
MIL 151209402340 User defined for water purchased from City of New Bedford for dust control (Note: Assume 20,000 gallons per day for 31 days = 77.5 MCF)	MCF	77.5000	155.00	119.35	182.44	40.14	184.22	446.23	2,046.92	2,677.37
									11,573.5987	*15,138.267*
Work, Health and Safety Plans	**EA**	**10.0000**	**4,996.00**	**3,147.48**	**5,403.17**	**2,269.33**	**10,416.24**	**25,230.45**	**115,735.99**	**151,382.67**
									11,582.8650	*15,150.387*
Health and Safety Plan	**EA**	**1.0000**	**500.00**	**315.00**	**540.75**	**227.12**	**1,042.46**	**2,525.06**	**11,582.87**	**15,150.39**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*144.7858*	*189.379*
HTW 019107001111 Health and Safety Plan	HR	80.0000	500.00	315.00	540.75	227.12	1,042.46	2,525.06	11,582.87	15,150.39
									11,582.8650	*15,150.387*
Emergency Response Plan	**EA**	**1.0000**	**500.00**	**315.00**	**540.75**	**227.12**	**1,042.46**	**2,525.06**	**11,582.87**	**15,150.39**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*144.7858*	*189.379*
HTW 019107001111 Technology plans, work plans (Note: Emergency Response Plan)	HR	80.0000	500.00	315.00	540.75	227.12	1,042.46	2,525.06	11,582.87	15,150.39
									11,582.8650	*15,150.387*
Utility Decommissioning Plan	**EA**	**1.0000**	**500.00**	**315.00**	**540.75**	**227.12**	**1,042.46**	**2,525.06**	**11,582.87**	**15,150.39**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*144.7858*	*189.379*
HTW 019107001111 Technology plans, work plans	HR	80.0000	500.00	315.00	540.75	227.12	1,042.46	2,525.06	11,582.87	15,150.39
									11,582.8650	*15,150.387*
Asbestos, Mercury and Controlled Waste Remediation Plan	**EA**	**1.0000**	**500.00**	**315.00**	**540.75**	**227.12**	**1,042.46**	**2,525.06**	**11,582.87**	**15,150.39**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*144.7858*	*189.379*
HTW 019107001111 Technology plans, work plans	HR	80.0000	500.00	315.00	540.75	227.12	1,042.46	2,525.06	11,582.87	15,150.39
									11,490.2021	*15,029.184*
Building Demolition Plan	**EA**	**1.0000**	**496.00**	**312.48**	**536.42**	**225.30**	**1,034.12**	**2,504.86**	**11,490.20**	**15,029.18**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*143.6275*	*187.864*
HTW 019107001111 Technology plans, work plans	HR	80.0000	496.00	312.48	536.42	225.30	1,034.12	2,504.86	11,490.20	15,029.18
									11,582.8650	*15,150.3874*
Air Quality Compliance and Dust Control Plan	**EA**	**1.0000**	**500.00**	**315.00**	**540.75**	**227.12**	**1,042.46**	**2,525.06**	**11,582.87**	**15,150.39**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*144.7858*	*189.379*
HTW 019107001111 Technology plans, work plans	HR	80.0000	500.00	315.00	540.75	227.12	1,042.46	2,525.06	11,582.87	15,150.39

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
									11,582.8650	*15,150.3874*
Surface Water Runoff Management Plan	**EA**	**1.0000**	**500.00**	**315.00**	**540.75**	**227.12**	**1,042.46**	**2,525.06**	**11,582.87**	**15,150.39**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*144.7858*	*189.3798*
HTW 019107001111 Technology plans, work plans	HR	80.0000	500.00	315.00	540.75	227.12	1,042.46	2,525.06	11,582.87	15,150.39
									11,582.8650	*15,150.3874*
Waste Disposal Plan	**EA**	**1.0000**	**500.00**	**315.00**	**540.75**	**227.12**	**1,042.46**	**2,525.06**	**11,582.87**	**15,150.39**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*144.7858*	*189.3798*
HTW 019107001111 Technology plans, work plans	HR	80.0000	500.00	315.00	540.75	227.12	1,042.46	2,525.06	11,582.87	15,150.39
									11,582.8650	*15,150.3874*
Material Recyling and Salvage Plan	**EA**	**1.0000**	**500.00**	**315.00**	**540.75**	**227.12**	**1,042.46**	**2,525.06**	**11,582.87**	**15,150.39**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*144.7858*	*189.3798*
HTW 019107001111 Technology plans, work plans	HR	80.0000	500.00	315.00	540.75	227.12	1,042.46	2,525.06	11,582.87	15,150.39
									361.9645	*473.4496*
Grading, Capping and Drainage Plan	**EA**	**32.0000**	**500.00**	**315.00**	**540.75**	**227.12**	**1,042.46**	**2,525.06**	**11,582.87**	**15,150.39**
			15.0000	*10.0000*	*15.0000*	*4.0000*	*9.0000*	*20.0000*	*144.7858*	*189.3798*
HTW 019107001111 Technology plans, work plans	HR	80.0000	500.00	315.00	540.75	227.12	1,042.46	2,525.06	11,582.87	15,150.39
									155,540.8686	*203,447.4561*
Option #1-Synthetic Cap System	**ACR**	**11.3000**	**133,092.52**	**102,481.24**	**156,649.89**	**34,462.98**	**158,185.06**	**383,159.38**	**1,757,611.81**	**2,298,956.25**
(Note: DOES NOT INCLUDE TOPSOIL AND SEED OR COMMON FILL. This option would be add-on to costs in Natural Soil Cover/2' thick over entire 11.3 acre site.)										
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*0.6995*	*0.9149*
HTW 021401002113 Secure burial cell construction, polymeric liner and cover system, very low density polyethylene (VLDPE), 40 mil	SF	492,228.0000	26,072.30	20,075.67	30,687.10	6,751.16	30,987.83	75,059.42	344,309.25	450,356.50
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*2.4593*	*3.2168*
CIV 023403001600 Drainage geotextiles, non-woven polypropylene, 60 mils thick (Note: Two layer required over 11.3 acres.)	SY	109,348.0000	20,363.91	15,680.21	23,968.32	5,273.03	24,203.21	58,625.55	268,924.54	351,753.30
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*51.9434*	*67.9419*
MIL 040607500300 Sand, screened and washed, includes 30 mile haul (Note: 3" min required, use 4" deep over 11.3 acreas. Revised cost from $21/CY to more realistic $30/CY with delivery. No specs for the sand material or compaction at this time. Add $5 per CY for placement, compaction and grading.)	CY	6,077.0000	23,902.87	18,405.21	28,133.67	6,189.41	28,409.38	68,813.84	315,659.82	412,883.05
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*15.1663*	*19.8375*
CIV 023403001600 User defined for Geonet/no specs - based on cost of geosynthetic drainage composite as priced in 1998 BBL Inc. cost report (Note: one layer required over 11.3 acres. Use item as placeholder until specs developed.)	SY	54,642.0000	62,753.44	48,320.15	73,860.80	16,249.38	74,584.64	180,660.57	828,718.20	1,083,963.40
									86,188.5008	*112,734.5591*
Demobilization	**EA**	**1.0000**	**6,526.49**	**5,025.40**	**7,681.68**	**1,689.97**	**7,756.97**	**18,789.09**	**86,188.50**	**112,734.56**
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*4.5934*	*6.0082*
AF 015602500100 Temporary Fencing, chain link, 6' high, 11 ga	LF	1,000.0000	347.83	267.83	409.40	90.07	413.41	1,001.36	4,593.41	6,008.19
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*3.5216*	*4.6062*

Description	UOM	Quantity	JOOH	HOOH	Profit	Bond	Escalation	Contingency	ContractCost	ProjectCost
AF 015807000010 Project Signs, sign, Hi-intensity reflectorized, buy, excl. posts	SF	135.0000	36.00	27.72	42.37	9.32	42.79	103.64	475.41	621.8
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*6.0505*	*7.914*
MIL 017405000100 Cleaning Up, cleanup of site area, final by GC at end of job	CSF	4,922.0000	2,255.09	1,736.42	2,654.24	583.93	2,680.26	6,492.17	29,780.62	38,953.0
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*2,112.9504*	*2,763.739*
AF 015205000550 User defined Item-Office Trailer, take down and return costs. (Note: Cost for take down and return of office trailers (2 ea) at end of project.)	MO	1.0000	160.00	123.20	188.32	41.43	190.17	460.62	2,112.95	2,763.7
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*3.5216*	*4.606*
AF 015807000010 Project Signs, sign, Hi-intensity reflectorized, buy, excl. posts (Note: Cost for labor to remove signs and post at end of contract period.)	SF	135.0000	36.00	27.72	42.37	9.32	42.79	103.64	475.41	621.8
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*86.1265*	*112.653*
MIL B-LABORER Laborers, (Semi-Skilled)	HR	160.0000	1,043.49	803.49	1,228.19	270.20	1,240.22	3,004.09	13,780.24	18,024.5
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*91.0667*	*119.115*
MIL B-ELECTRN Electricians	HR	80.0000	551.67	424.79	649.32	142.85	655.68	1,588.20	7,285.34	9,529.2
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*108.6670*	*142.136*
MIL X-EQOPRHVY Outside Equip. Operators, Heavy	HR	80.0000	658.29	506.88	774.81	170.46	782.40	1,895.15	8,693.36	11,370.9
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*71.0336*	*92.911*
MAP T50XX029 TRUCK, HIGHWAY, 50,000 LBS GVW, 2 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)	HR	80.0000	430.31	331.34	506.48	111.43	511.44	1,238.83	5,682.69	7,432.9
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*16.8769*	*22.075*
EP T45EA007 TRUCK TRAILER, LOWBOY, 50 TON, 3 AXLE , DETATCHABLE GOOSENECK (ADD TOWING TRUCK)	HR	80.0000	102.24	78.72	120.33	26.47	121.51	294.33	1,350.16	1,766.0
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*35.3053*	*46.179*
GEN L50Z4650 LOADER/BACKHOE, WHEEL, 1.25 CY (0.9 M3) FRONT END BUCKET, 12.0' (3.7 M) DEPTH OF HOE, 24" (0.61 M) DIPPER, 7.0 CF (0.2 M3), 4X2	HR	80.0000	213.88	164.68	251.73	55.38	254.20	615.72	2,824.42	3,694.3
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*18.0851*	*23.655*
EP T50XX008 TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP, 4X2	HR	160.0000	219.11	168.72	257.90	56.74	260.42	630.81	2,893.61	3,784.8
			10.0000	*7.0000*	*10.0000*	*2.0000*	*9.0000*	*20.0000*	*78.0110*	*102.038*
MIL X-TRKDVRHV Outside Truck Drivers, Heavy	HR	80.0000	472.58	363.89	556.23	122.37	561.68	1,360.51	6,240.88	8,163.0