

MATERIAL TAKEOFF AND COST ESTIMATE

**LEHMAN COLLEGE - CARMAN HALL
RESTROOM UPGRADE & ASBESTOS ABATMENT**

2790 Goulden Ave. Bronx, NY 10468



E-mail: Info@aaestimating.com
 Web: www.aaestimating.com
 Contact:
 QTO # Y24-P3001
 Update:

SR.	DRAWING	DETAIL	CSI NO	DESCRIPTION	QTY.	WASTE	TOTAL QTY.	UNIT	UNIT COST	TOTAL COST
			01 00 00	DIVISION 01 - GENERAL REQUIREMENTS						
1				MOBILIZATION & DEMOBILIZATION	1	0%	1	LS	\$0.00	\$0.00
2				BONDS & INSURANCE	1	0%	1	LS	\$0.00	\$0.00
3				PROJECT SUPERVISION & PROJECT MANAGEMENT	1	0%	1	LS	\$0.00	\$0.00
4				SUBMITTALS, SAMPLES, SHOP DRAWINGS, ETC.	1	0%	1	LS	\$0.00	\$0.00
5				PROJECT SCHEDULE	1	0%	1	LS	\$0.00	\$0.00
6				TEMPORARY FACILITIES & CONTROLS	1	0%	1	LS	\$0.00	\$0.00
7				OFFICE OVERHEADS	1	0%	1	LS	\$0.00	\$0.00
8				SAFETY PROGRAM (SITE SAFETY PLAN) (S01535)	1	0%	1	LS	\$0.00	\$0.00
9				CLOSEOUT PROCEDURES	1	0%	1	LS	\$0.00	\$0.00
10				PERMITS	1	0%	1	LS	\$0.00	\$0.00
Subtotal										
			02 00 00	DIVISION 02 - EXISTING CONDITION						
			02 41 19	SELECTIVE DEMOLITION						
11	DM110	General Note 1		Remove GWB ceiling and suspension system	4765	0%	4765	SF	\$0.00	\$0.00
12	DM110	General Note 1		Remove ACT ceiling and suspension system	940	0%	940	SF	\$0.00	\$0.00
13	DM100			Remove toilet partition	625	0%	625	LF	\$0.00	\$0.00
14	DM100			Remove interior partition/chase walls incl finishes (885 LF) (Wall height is not given, 13'H assumed) <i>Note: Ceramic wall tile backing removal is under ACM</i>	11505	0%	11505	SF	\$0.00	\$0.00
15	DM100	General Note 4		Modify existing partition to create opening for single door frame	1	0%	1	LOC	\$0.00	\$0.00
16	DM100			Remove single door, frame and threshold	25	0%	25	EA	\$0.00	\$0.00
17	DM100	General Note 2		Remove floor tile and wall base	5660	0%	5660	SF	\$0.00	\$0.00
18	DM100	General Note 2		Remove wall tile (926 LF) <i>Note: Ceramic wall tile backing removal is under ACM</i>	7410	0%	7410	SF	\$0.00	\$0.00
19	DM100	General Note 1		Remove toilet room accessories <i>Note: Mirror mastic removal is under ACM</i>	28	0%	28	ROOM	\$0.00	\$0.00
20	DM100			Remove all equipment in locker rooms	2	0%	2	ROOM	\$0.00	\$0.00
21	DM100	General Note 6		Review bearing wall by Structural Engineer if any wall discovered to be bearing wall	1	0%	1	LS	\$0.00	\$0.00
22	DM100			Remove and replace slab on grade for drain trenching (45 LF)	90	0%	90	SF	\$0.00	\$0.00
23	M200			Remove portion of wall for (8"x6") duct	1	0%	1	LOC	\$0.00	\$0.00
24	P302			Core drill through concrete slab for (4" dia.) Plumbing pipe	4	0%	4	EA	\$0.00	\$0.00
25				Core drill through concrete slab for (2" dia.) Plumbing pipe	2	0%	2	EA	\$0.00	\$0.00
26				Core drill through concrete slab for (1-1/2" dia.) Plumbing pipe	4	0%	4	EA	\$0.00	\$0.00
27	P200 - P204			Core drill through concrete slab for floor drains/shower drains	29	0%	29	EA	\$0.00	\$0.00
28	P204			Penetration through wall for plumbing pipes	3	0%	3	EA	\$0.00	\$0.00
29	G011			Work to done in 4-Phases <i>Note: Paint on existing walls, door frames, ceilings etc. LCP/LCB. Coordinate removal w/ ACM contractor</i>	1	0%	1	LS	\$0.00	\$0.00
Subtotal										
			02 82 00	ASBESTOS REMOVAL						
30				ACM: Roof Flashing/Membrane (4 LOC)	36	0%	36	SF	\$0.00	\$0.00
31				LOC: Roof Ceramic Wall Tile Backing LOC: Cellar - C02, C11, C15B, C16B, Basement - B13, B31, B42, B66, B68, B71, 2nd Floor - 206, 207, 214, 246, 254, 255, 3rd Floor - 306, JC 306A, 309, 314, 346, 354, JC357, 355 Assumed ACM:	10314	0%	10314	SF	\$0.00	\$0.00

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SR.	DRAWING	DETAIL	CSI NO	DESCRIPTION	QTY.	WASTE	TOTAL QTY.	UNIT	UNIT COST	TOTAL COST
32	H101 - H106	See spec sec 028200		Assumed Mirror Mastic LOC: Cellar - C02, C11, C15B, C16B, Basement - B13, B31, B42, B66, B68, B71, 1st Floor - 1C05-N1, 1C05-N2, 106, 102, 171, 173, 2nd Floor - 206, 207, 214, 246, 254, 255, 3rd Floor - 306, 309, 314, 346, 354, 355	672	0%	672	SF	\$0.00	\$0.00
33				Assumed Pipe Dope to Sprinklers LOC: Cellar - C02, C11, C15B, C16B, Basement - B13, B31, B42, B66, B68, B71, 1st Floor - 1C05-N1, 1C05-N2, 106, 1JC01, 102, 171, 173, 2nd Floor - 206, 207, 214, 246, 254, 255, 3rd Floor - 306, 309, 314, 346, 354, 355 <i>Note: Assumed mudded pipe fittings & assumed all service jacket to fiberglass pipe insulation to be determined during construction</i>	58	0%	58	LF	\$0.00	\$0.00
				02 86 00 IDENTIFICATION AND DISPOSAL OF HAZARDOUS WASTE						
34	H101 - H106	See spec section 02 86 00		Ballast to Light Fixtures - Assumed PCB containing LOC: Cellar - Bathrooms and Janitors Closets, 1st Floor - Bathrooms and Janitors Closets	10	0%	10	EA	\$0.00	\$0.00
				02 87 00 REMOVAL AND DISPOSAL OF UNIVERSAL WASTE						
35		See spec section 02 87 00		Compact Fluorescent Light Bulbs LOC: Cellar, Basement, First Floor, Second Floor, Third Floor	23	0%	23	EA	\$0.00	\$0.00
36				48" Fluorescent Light Tubes LOC: Cellar, First Floor	19	0%	19	EA	\$0.00	\$0.00
37				LED Light Tubes LOC: Cellar, Basement, First Floor, Second Floor, Third Floor	130	0%	130	EA	\$0.00	\$0.00
38				Fire Alarm Strobe Light LOC: Cellar, Basement, First Floor, Second Floor, Third Floor	25	0%	25	EA	\$0.00	\$0.00
39				Smoke Detector LOC: Cellar, Basement, First Floor, Second Floor, Third Floor	21	0%	21	EA	\$0.00	\$0.00
					<i>(Please get price from Asbestos Contractor)</i>					
					Subtotal					
				03 00 00 DIVISION 03 - CONCRETE						
				03 30 00 CAST-IN-PLACE CONCRETE						
40	A103, A105 A106	B1/A600		(3 1/2"Hx6"thk) Reinf concrete curb - 70 LF - Apply bonding agent and bond breaker tape - Clean & repair crack damage concrete surface	0.5	5%	0.5	CY	\$0.00	\$0.00
41	P200			Saw cut (75 LF), remove and replace portion of concrete slab to facilitate installation of plumbing pipe <i>Note: Qty is approximate, verify extent in field</i>	55	5%	57.8	SF	\$0.00	\$0.00
42	A100	A605		Sealed concrete flooring	40	5%	42.0	SF	\$0.00	\$0.00
				03 54 16 HYDRAULIC CEMENT UNDERLAYMENT						
					<i>Note: Underlayment is covered with new floor tile in spec section 09 30 00 below</i>					
					Subtotal					
				05 00 00 DIVISION 05 - METALS						
				05 58 19 HEATING/COOLING UNIT COVERS						
43	A103, A105 106			Remove & replace (2'6"H) radiator cover	18	5%	18.9	LF	\$0.00	\$0.00
44				Remove & replace (1'8"H) radiator cover	52	5%	54.6	LF	\$0.00	\$0.00
45				Remove & replace (2'H) radiator cover	10	5%	10.5	LF	\$0.00	\$0.00
					Subtotal					
				06 00 00 DIVISION 06 - WOOD AND PLASTICS						
				06 10 10 ROUGH CARPENTRY						
46				Misc. rough carpentry	1	0%	1.0	LS	\$0.00	\$0.00
					Subtotal					
				07 00 00 DIVISION 07 - THERMAL AND MOISTURE PROTECTION						

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SR.	DRAWING	DETAIL	CSI NO	DESCRIPTION	QTY.	WASTE	TOTAL QTY.	UNIT	UNIT COST	TOTAL COST	
47	M205	M501		(18"H) Membrane base flashing and equipment curb - 4 LOC <i>Note: Flashing removal is under ACM</i>	35	5%	36.8	LF	\$0.00	\$0.00	
48					Metal counter flashing at equipment curb	35	5%	36.8	LF	\$0.00	\$0.00
			07 84 00	FIRESTOPPING							
49				Misc. firestopping	1	0%	1.0	LS	\$0.00	\$0.00	
			07 92 00	JOINT SEALANTS							
50				Misc. joint sealant	1	0%	1.0	LS	\$0.00	\$0.00	
					Subtotal						
			08 00 00	DIVISION 08 - OPENINGS							
			08 14 16	TRANSPARENT FINISH FLUSH WOOD DOORS							
51	A601	Door Schedule		90MIN, (3'x7') Type WD door w/ MT frame	16	0%	16.0	EA	\$0.00	\$0.00	
52					90MIN, (3'x7') Type WD door w/ MT frame <i>- Power assisted door</i>	3	0%	3.0	EA	\$0.00	\$0.00
53					(3'x7') Type WD door w/ MT frame	3	0%	3.0	EA	\$0.00	\$0.00
						<i>RFI: Refer to dwg A601, door 309 is existing to remain. However, demolition plans 20/DM-100 is showing door to be removed. Please clarify?</i>					
54	A105	3/A105		(3'x7') Type WD door w/ MT frame at janitor closet 306A <i>Note: Type and material is assumed. Door number is missing in door schedule</i>	1	0%	1.0	EA	\$0.00	\$0.00	
55	A601	Door Schedule		Confirm if door in state of good repair. Replace door if damaged - (3'x7') existing door and frame (Verify material in field)	10	0%	10.0	EA	\$0.00	\$0.00	
			08 71 00	DOOR HARDWARE							
56	A601	See Spec Section 087100		Hardware set # 1:- - Hinges - Lockset (1 EA) - Door Closer (1 EA) - Kick Plate (1 EA) - Mop Plate (1 EA) - Wall Stop (1 EA) - Smoke Seal (1 EA)	11	0%	11.0	EA	\$0.00	\$0.00	
57					Hardware set # 2:- - Hinges - Lockset (1 EA) - Automatic Operator (1 EA) - Actuator (1 EA) - Electric Strike (Fail Secure) (1 EA) - Kick Plate (1 EA) - Mop Plate (1 EA) - Wall Stop (1 EA) - Silencers (3 EA) - Smoke Seal (1 EA)	4	0%	4.0	EA	\$0.00	\$0.00
58					Hardware set # 3:- - Hinges - Lockset (1 EA) - Door Closer (1 EA) - Kick Plate (1 EA) - Mop Plate (1 EA) - Wall Stop (1 EA) - Silencers (3 EA) - Smoke Seal (1 EA)	1	0%	1.0	EA	\$0.00	\$0.00
59					Hardware set # 4:- - Hinges - Lockset (1 EA) - Overhead Stop (1 EA) - Kick Plate (1 EA) - Mop Plate (1 EA) - Silencers (3 EA)	1	0%	1.0	EA	\$0.00	\$0.00

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60				Hardware set # 5:- - Hinges - Deadbolt (1 EA) - Pull (1 EA) - Push Plate (1 EA) - Door Closer (1 EA) - Kick Plate (1 EA) - Mop Plate (1 EA) - Wall Stop (1 EA) - Silencers (3 EA)	2	0%	2.0	EA	\$0.00	\$0.00
61				Hardware set # 6:- - Hinges - Lockset (1 EA) - Door Closer (1 EA) - Kick Plate (1 EA) - Mop Plate (1 EA) - Wall Stop (1 EA) - Silencers (3 EA) - Smoke Seal (1 EA)	2	0%	2.0	EA	\$0.00	\$0.00
62				Remove and replace Hardware set # 1 at door B42- - Hinges - Lockset (1 EA) - Door Closer (1 EA) - Kick Plate (1 EA) - Mop Plate (1 EA) - Wall Stop (1 EA) - Smoke Seal (1 EA)	1	0%	1.0	EA	\$0.00	\$0.00
63				Hardware set at janitor closet door 306A	1	0%	1.0	EA	\$0.00	\$0.00
				<i>RFI: Refer to dwg A601, excising hardware set is shown for door 314, however, door is new as per schedule. Moreover, hardware type for door 306A at janitor closet is missing. Please clarify?</i>						
64	A601	C1/A601		Remove existing and replace w/ (6"W) Marble saddle (10 EA)	30	5%	31.5	LF	\$0.00	\$0.00
65	A601	C1,2/A601		(6"W) Marble saddle (19 EA)	58	5%	60.9	LF	\$0.00	\$0.00
66	A601	C3/A601		Remove and replace door saddle from corridor to locker room	3	5%	3.2	LF	\$0.00	\$0.00
67				Door saddle from corridor to locker room (2 EA)	6	5%	6.3	LF	\$0.00	\$0.00
68	A103, A105	See Elevations		Provide white film over window panes in restrooms (20 LOC)	640	5%	672.0	SF	\$0.00	\$0.00
				ACCESS DOORS						
69	A100 - A106	See Elevations		(1'9"x1'9") Wall access panel at existing location	23	0%	23.0	EA	\$0.00	\$0.00
70				(1'3"x1'3") Wall access panel at existing location	8	0%	8.0	EA	\$0.00	\$0.00
					Subtotal					
				09 00 00 DIVISION 09 - FINISHES						
				09 29 00 GYPSUM BOARD						
71	A100	A600		Partition type B: - (1) layer, Impact and mold resistant 5/8" GWB each side - (2-1/2", 20GA) Metal stud framing @ 16" O.C. - Acoustic sealant at top & bottom both sides	650	5%	682.5	SF	\$0.00	\$0.00
72	A100, A105	A600		Partition type-BA: - (1) layer, Impact and mold resistant 5/8" GWB - (1) layer, 1/2" Cement board - (2-1/2", 20GA) Metal stud framing @ 16" O.C. - Acoustic sealant at top & bottom both sides	755	5%	792.8	SF	\$0.00	\$0.00
73	A101, A106	A600		Partition type-BT: - (1) layer, 1/2" Cement board each side - (2-1/2", 20GA) Metal stud framing @ 16" O.C. - Acoustic sealant at top & bottom both sides	65	5%	68.3	SF	\$0.00	\$0.00
74	A102 - A105	A600		2HR Partition type-B2A: - (2) layer, 5/8" Impact and mold resistant GWB type-X - (2) layer, 1/2" Cement board - (2-1/2") Metal studs @ 16" O.C. - Acoustic sealant at top & bottom both sides	455	5%	477.8	SF	\$0.00	\$0.00
75	A100	A600		2HR Partition type-B2: - (2) layer, 5/8" Impact and mold resistant GWB type-X each side - (2-1/2") Metal studs @ 16" O.C. - Acoustic sealant at top & bottom both sides	120	5%	126.0	SF	\$0.00	\$0.00

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76	A101 - A102	A600		Partition type-C: - (1) layer, 5/8" Impact and mold resistant GWB each side - (3-5/8") Metal studs @ 16" O.C. - Acoustic sealant at top & bottom both sides	185	5%	194.3	SF	\$0.00	\$0.00
77	A100 - A106	A600		2HR Partition type-C2: - (1) layer, 5/8" Impact and mold resistant GWB type-X - (1) layer, 1/2" Cement board - (3-5/8") Metal studs @ 16" O.C. - Acoustic sealant at top & bottom both sides	250	5%	262.5	SF	\$0.00	\$0.00
78	A101, A105	A600		Partition type-CT: - (1) layer, 1/2" Cement board each side - (3-5/8") Metal studs @ 16" O.C. - Acoustic sealant at top & bottom both sides	130	5%	136.5	SF	\$0.00	\$0.00
79	A102	A600		Partition type-KCT: - (1) layer, 5/8" Impact and mold resistant GWB - (1) layer, 1/2" Cement board - (3-5/8") Metal studs @ 12" O.C. - Acoustic sealant at top & bottom both sides	105	5%	110.3	SF	\$0.00	\$0.00
80	A100 - A106	A600		Chase type-HA: - (1) layer, 1/2" Cement board - (3-5/8") Metal studs @ 16" O.C. - Acoustic sealant at top & bottom both sides	8035	5%	8436.8	SF	\$0.00	\$0.00
81	A102	A600		Chase type-KH6: - (1) layer, 5/8" GWB - (3-5/8") Metal studs @ 12" O.C. - Acoustic sealant at top & bottom both sides	910	5%	955.5	SF	\$0.00	\$0.00
82	A102	A600		Chase type-KH6T: - (1) layer, 1/2" Cement board - (3-5/8") Metal studs @ 12" O.C. - Acoustic sealant at top & bottom both sides	220	5%	231.0	SF	\$0.00	\$0.00
83	A100 - A106	A600		Furring type-G1: - (1) layer, 1/2" Cement board - (1-5/8") Metal studs @ 16" O.C. - Acoustic sealant at top & bottom	1495	5%	1569.8	SF	\$0.00	\$0.00
84	A101 - A106			GWB furring (Detail is not given)	105	5%	110.3	SF	\$0.00	\$0.00
				<i>Note: Wall height is not specified on the drawings; a height of 13 feet (13'H) has been assumed. Please confirm if this assumption is correct.</i>						
			09 30 00	TILING						
85	A100 - A106	A605 C1/A600		(12"x24") Porcelain floor tile, PT-1 - Concrete topping/cementitious levelling compound	5300	5%	5565.0	SF	\$0.00	\$0.00
86				(4"Hx24"W) Porcelain tile base, PT-2	1955	5%	2052.8	LF	\$0.00	\$0.00
87				Crack isolation Waterproofing membrane	6610	5%	6940.5	SF	\$0.00	\$0.00
88	A100 - A106	A605		(4 1/4"x8 1/2") Ceramic wall tile (CT-1) - Waterproofing membrane	11700	5%	12285.0	SF	\$0.00	\$0.00
89	A100 - A106	A605		(1"x1") Mosaic wall tile (CT-2) - Waterproofing membrane	3500	5%	3675.0	SF	\$0.00	\$0.00
90		See spec section 09 30 00		Extra material: Tile and Trim Units: Furnish quantity of full-size units equal to 3 percent of amount installed for each type, composition, color, pattern, and size indicated	1	0%	1.0	LS	\$0.00	\$0.00
91				Extra material: Grout: Furnish quantity of grout equal to 3 percent of amount installed for each type, composition, and color indicated	1	0%	1.0	LS	\$0.00	\$0.00
			09 51 13	ACOSUTICAL CEILING PANEL						
92	A110	2/A603		(2'x4') Acoustical ceiling tile w/ suspension system (ACT-1)	5720	5%	6006.0	SF	\$0.00	\$0.00
			09 65 19	RESILIENT TILE FLOORING						
93	A100	A605		(12"x24") Vinyl composition tile flooring - Underlayment as req.	435	5%	456.8	SF	\$0.00	\$0.00
			09 91 23	INTERIOR PAINTING						
94	A102 - A106	G010, 3/A604		Prime and paint wall	1900	5%	1995.0	SF	\$0.00	\$0.00
95	A102 - A106	A605		Paint fan coil unit - PNT-3	165	5%	173.3	SF	\$0.00	\$0.00
96				Extra material: Tile and Trim Units: Furnish quantity of full-size units equal to 3 percent of amount installed for each type, composition, color, pattern, and size indicated	1	0%	1.0	LS	\$0.00	\$0.00

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				Subtotal						
			10 00 00	DIVISION 10 - SPECIALTIES						
			10 14 23	PANEL SIGNAGE						
97	A602	Signage Schedule		(6"Wx 7 3/4"H) Men's room signage - 1/16" photopolymer sheet attached to 1/8" clear acrylic sheet	13	0%	13.0	EA	\$0.00	\$0.00
98			(6"Wx 7 3/4"H) Women's room signage - 1/16" photopolymer sheet attached to 1/8" clear acrylic sheet	13	0%	13.0	EA	\$0.00	\$0.00	
99			(18"W) Janitor closet signage	12	0%	12.0	EA	\$0.00	\$0.00	
100			Signage at men's/women's locker room <i>Note: Assumed, signage type/material is not defined</i>	2	0%	2.0	EA	\$0.00	\$0.00	
101			Signage at storage room <i>Note: Assumed, signage type/material is not defined</i>	1	0%	1.0	EA	\$0.00	\$0.00	
102			(6"Wx 8 1/4"H) All gender restroom signage - 1/16" photopolymer sheet attached to 1/8" clear acrylic sheet	2	0%	2.0	EA	\$0.00	\$0.00	
			10 21 13	PHENOLIC TOILET COMPARTMENT						
103	A101 - A106			Toilet compartment	45	0%	45.0	EA	\$0.00	\$0.00
104				ADA toilet compartment	33	0%	33.0	EA	\$0.00	\$0.00
105	A103, A105	B3/A604		(60"Wx54"H) Splice partition w/ splice support @ windows only	4	0%	4.0	EA	\$0.00	\$0.00
			10 28 00	TOILET ACCESSORIES						
106	A101 - A106	A605		Diaper changing station	11	0%	11.0	EA	\$0.00	\$0.00
107			(23 GALLON) Waste receptacle	25	0%	25.0	EA	\$0.00	\$0.00	
108			(15 GALLON) Waste receptacle	2	0%	2.0	EA	\$0.00	\$0.00	
109			Paper towel dispenser	27	0%	27.0	EA	\$0.00	\$0.00	
110			48"L L-shaped Grab bar	2	0%	2.0	EA	\$0.00	\$0.00	
111			42"L Grab bar	46	0%	46.0	EA	\$0.00	\$0.00	
112			36"L Grab bar	28	0%	28.0	EA	\$0.00	\$0.00	
113			18"L Grab bar	28	0%	28.0	EA	\$0.00	\$0.00	
114			(1'6"Wx3'H) Mirror	79	0%	79.0	EA	\$0.00	\$0.00	
115			Toilet paper dispenser	80	0%	80.0	EA	\$0.00	\$0.00	
116			Soap dispenser	55	0%	55.0	EA	\$0.00	\$0.00	
117			Hand dryer	45	0%	45.0	EA	\$0.00	\$0.00	
118			Surface mounted sanitary napkin dispenser	8	0%	8.0	EA	\$0.00	\$0.00	
119			Semi recessed sanitary napkin dispenser	6	0%	6.0	EA	\$0.00	\$0.00	
120			Robe hook <i>Note: Extent is not shown on dwgs</i>	1	0%	1.0	LS	\$0.00	\$0.00	
121			Sanitary napkin dispenser	51	0%	51.0	EA	\$0.00	\$0.00	
122	A104	A605		Paper towel dispenser & waste receptacle	1	0%	1.0	EA	\$0.00	\$0.00
123	A100	A605		(2'x4') ADA Bench	2	0%	2.0	EA	\$0.00	\$0.00
124			Folding shower bench	2	0%	2.0	EA	\$0.00	\$0.00	
125			(3'L) Curtain rod	2	0%	2.0	EA	\$0.00	\$0.00	
126			(24"x72") Wall mounted mirror	2	0%	2.0	EA	\$0.00	\$0.00	
127	A100	A605		1'10"Wx4'6" Urinal screen - wall mounted	2	0%	2.0	EA	\$0.00	\$0.00
128	A101	A605		1'4"Wx4' Urinal screen - wall mounted	3	0%	3.0	EA	\$0.00	\$0.00
129	A101-106	A605		1'6"Wx4' Urinal screen - wall mounted	23	0%	23.0	EA	\$0.00	\$0.00
130	A103	A605		1'1"Wx3'3" Urinal screen - wall mounted	3	0%	3.0	EA	\$0.00	\$0.00
131	A100	A605		(3'x3') Precast Terrazzo ADA shower floor	2	0%	2.0	EA	\$0.00	\$0.00
			10 51 13	METAL LOCKERS						
132	A100	A605		(18"x18"x78"H) Double tier metal lockers	12	0%	12.0	EA	\$0.00	\$0.00
				Subtotal						

MATERIAL TAKEOFF AND COST ESTIMATE

**LEHMAN COLLEGE - CARMAN HALL
RESTROOM UPGRADE & ASBESTOS ABATMENT**

2790 Goulden Ave. Bronx, NY 10468



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 Contact:
 QTO # Y24-P3001
 Update:

SR.	DRAWING	DETAIL	CSI NO	DESCRIPTION	QTY.	WASTE	TOTAL QTY.	UNIT	UNIT COST	TOTAL COST
DIVISION 32 - EARTHWORK										
133	P200, DM100	1,3/DM100		Excavation for plumbing pipe @ 20% fluff factor	4	5%	4.2	CY	\$0.00	\$0.00
134	P200, DM100	1,3/DM100		Backfill @ 20% fluff factor	4	5%	4.2	CY	\$0.00	\$0.00
				Subtotal						
				TOTAL						

<p>Exclusions: 1: M.E.P Takeoff ; 2: Cost Estimate</p>	<p>Abbreviations: w/ <> with ; o.c <> on center ; incl. <> including ; Reinf. <> Reinforced</p>
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