

NEW YORK CITY SCHOOL CONSTRUCTION AUTHORITY

PROJECT: Reso A - Science Lab Upgrade
 SCHOOL: IS 448 - Brooklyn School for Collaborative Studies
 BUILDING ID: IS142

Progress/Final Estimate Detail
EXHIBIT 5

JOB: D011776
 DATE: 1/21/2009
 REV:

DESCRIPTION OF WORK	UNIT	MATERIAL	LABOR		TOTAL COST
	QNTY UNIT MEAS	UNIT COST	UNIT COST	TOTAL	
<u>SITWORK</u>					
<u>DEMOLITION AND REMOVALS</u>					
TEMPORARY PROTECTION	0 LS	5,000.00	5,000.00	-	-
RUBBISH REMOVAL	0 LS	0.00	7,500.00	-	-
REMOVE V.C.T. FLOORING DOWN TO SUBFLOOR	737 SF	1.50			1,106
REMOVE EXISTING CASEWORK & DEMONSTRATION TABLE	200 SF	25.00			5,000
REMOVE 14' TACK BOARD AT SOUTH END OF ROOM	1 LS	100.00			100
REMOVE EXISTING TABLES, DESKS, BOOKCASES, CHAIRS, ETC	1 LS	1,000.00			1,000
REMOVE EXISTING PLYWOOD COVER ON NORTH WALL OF ROOM	1 LS	100.00			100
CUT WALL FOR WINDOW AND GRILL OPENINGS	SF	0.00			-
SAW CUT CONCRETE SLABS	LF	0.00			-
REMOVE CONCRETE SLABS	SF	0.00			-
<u>SITWORK</u>					
PATCH & REPAIR PLYWOOD SUBFLOOR FROM VCT REMOVAL	1 LS	2,000.00			2,000
PLASTER PATCH WALLS AT LOCATIONS OF CABINETS REMOVAL	50 SF	10.00			500
TOTAL SITWORK					\$ 9,806
<u>MISC. CARPENTRY & WOOD WORK</u>					
MISC. CARPENTRY & WOOD WORK	1 LS	1,750.00	-	-	1,750
P-LAMINATED COUNTERTOP	LF	150.00	50.00	-	-
P-LAMINATED BUILT- IN SECURITY DESK AND COUNTER	LF	300.00	50.00	-	-
P- LAMINATED BUILT- IN COUNTERTOP	LF	150.00	50.00	-	-
WOOD CIRCULAR BENCH - 18" WIDE	LF	300.00	100.00	-	-
TOTAL CARPENTRY					\$ 1,750
<u>THERMAL AND MOISTURE PROTECTION</u>					
BUILT-UP BITUMINOUS ROOFING	SF	3.00	7.00	-	-
BASE FLASHING	LF	10.00	5.00	-	-
COPING FLASHING	LF	10.00	5.00	-	-
24 GA. ST. STEEL COPING	LF	25.00	10.00	-	-
FLOOR WATERPROOFING @ WET ROOMS	SF	2.00	3.00	-	-
WINDOW FLASHING	LF	7.00	5.00	-	-
FIRESTOPPING	1 LS	1,000.00			1,000
RIGID INSULATION	SF	1.00	1.00	-	-
TOTAL THERMAL AND MOISTURE PROTECTION					\$ 1,000
<u>DOORS AND WINDOWS</u>					
PROVIDE ADA COMPLIANT HARDWARE FOR EXISTING DOOR	LS	500.00			500
WINDOWS					
PROJECTED ALUMINUM WINDOW - 9 EA	SF	75.00	15.00	-	-
PROJECTED ALUMINUM WINDOW W/LOUVER -13 EA	SF	75.00	15.00	-	-
3/4" LAMINATE GLASS COVERING @ CANOPY	SF	10.00	10.00	-	-
TOTAL DOORS AND WINDOWS					\$ 500
<u>FINISHES</u>					
<u>FLOORING</u>					
VCT FLOORING	737 SF	3.00	-	-	2,211
CERAMIC TILE FLOOR	SF	5.00	5.00	-	-
QUARRY TILE FLOOR	0 SF	25.00	5.00	-	-
SEALED CONCRETE FLOOR	SF	0.50	1.00	-	-
CARPET	SY	25.00	10.00	-	-
CERAMIC TILE BASE	LF	5.00	5.00	-	-
VINYL BASE	120 LF	2.50	-	-	300
QUARRY BASE	0 LF	7.00	5.00	-	-
<u>CEILING</u>					
<u>GYPSUM BOARD ASSEMBLIES:</u>					
3 5/8" METAL STUDS	150 LF	8.00	-	-	1,200
5/8" GYPSUM BOARD	150 SF	1.00	-	-	150
TAPE AND SPACKLE	50 SF	0.65	-	-	33

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PAINTING					
PAINT WALLS	400	SF	12.00	-	4,800
PAINT GYPSUM BOARD CEILING AND SOFFIT		SF	0.20	0.50	-
PAINT DOORS AND FRAME - SINGLE		EA	20.00	75.00	-
PAINT DOORS AND FRAME -DOUBLE		PR	40.00	150.00	-
CERAMIC TILE @ WALLS		SF	5.00	5.00	-
MISCELLANEOUS PATCHING	1	LS	1,500.00	-	1,500
EXTERIOR PLASTER (STUCCO) ON LATH		SF	5.00	10.00	-
GYPSUM PLASTERING @ EXISTING COLUMNS		SF	5.00	10.00	-
TOTAL FINISHES					\$ 10,194
SPECIALTIES					
TACKBOARD 8' X 4'	32	SF	60.00	-	1,920
TACKBOARD 3' X 4'	12	SF	60.00	-	720
TACKBOARD (FOR COMPUTER AREA) 10' X 2'9"	30	SF	60.00	-	1,800
DRY MARKER BOARD 3' X 4'	12	SF	28.00	-	336
MARKER BOARD / HORIZONTAL SLIDE		SF	30.00	10.00	-
CORK BULLETIN CIRCULAR BOARD		SF	20.00	5.00	-
TOTAL SPECIALTIES					\$ 4,776
EQUIPMENT					
INTERACTIVE WHITE BOARD / MARKER BOARD ASEMBLY 14'-7"W X 48" H	1	EA	7,500.00	-	7,500
PORTABLE FUME HOOD / DUCTED ON HEAVY DUTY CART 33"W X 24"D X 85"H - OVERALL W/CART	1	EA	2,000.00	-	2,000
PORTABLE PLANT STUDY CENTER 56"W X 30"D X 71"H	1	EA	2,000.00	-	2,000
GLASSWARE DRYING RACK / 32 PEGS 20"W X 30"H X 1"TH. SHELSTONE	1	EA	550.00	-	600
GOGGLE STORAGE CABINET / WALL MOUNTED 25" X 12" X 25"	1	EA	750.00	-	750
PAPER TOWEL DISPENSER	1	EA	225.00	-	225
SOAP DISPENSER	1	EA	125.00	-	125
PROVIDE & INSTALL FIRE BLANKET	1	EA	500.00	-	500
TOTAL EQUIPMENT					\$ 13,700
FURNISHINGS					
LABORATORY TABLE / INSTRUCTOR DEMONSTRAT. TABLE 108"W X 31"D X 36"H	1	EA	9,500.00	-	9,500
MICROSCOPE STORAGE UNIT 36"W X 16"D X 82"H	1	EA	2,250.00	-	2,250
DISPLAY CABINET / 5 SHELVES / 2 DOORS 47"W X 21 5/8"D X 82 3/4"H	2	EA	1,500.00	-	3,000
STORAGE UNIT / 5 SHELVES / 2 DOORS 47"W X 21 5/8"D X 82 3/4"H	3	EA	1,500.00	-	4,500
BASE CABINET / 2 DOORS / 1 SHELF 35"W X 15 3/4"D X 34 3/4"H	2	EA	750.00	-	1,500
INSTRUCTORS CABINET 24"W X 22"W X 84"H	1	EA	1,000.00	-	1,000
SHELVES FOR COMPUTER AREA / WALL MOUNTED 24" X 12" X 24"	5	EA	200.00	-	1,000
EPOXY RESIN COMPUTER COUNTER TOP 33"W X 10'L X 1"	1	LS	500.00	-	500
TOTAL FURNISHINGS					\$ 23,250
PLUMBING					

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	QNTY	UNIT MEAS				
INSTALL SINK	1	EA	\$ 950.00			950
INSTALL PIPING	150	FT	\$ 12.00			1,800
PROVIDE & INSTALL ACID NEUTRALIZATION TANK	1	EA	\$ 1,000.00			1,000
PROVIDE & INSTALL MIXING VALVE	1	EA	\$ 750.00			750
PROVIDE & INSTALL MGCV	1	EA	\$ 2,500.00			2,500
INSTALL INSULATION	150	FT	\$ 10.00			1,500
TEST & DISINFECT PIPE	1	EA	\$ 800.00			800
TOTAL PLUMBING						\$ 9,300
<u>ELECTRICAL</u>						
REMOVE EXISTING RECEPTACLES (INCL. WIRING & EXPOSED CONDUIT)	4	EA	\$ 50.00			200
PROVIDE & INSTALL CIRCUIT BREAKER PANEL PP-406	1	EA	\$ 2,250.00			2,250
PROVIDE & INSTALL NEW DUPLEX OUTLETS	7	EA	\$ 200.00			1,400
PROVIDE & INSTALL NEW RACEWAYS	2	EA	\$ 500.00			1,000
PROVIDE PORTABLE STUDENT POWER PACKS	8	EA	\$ 1,000.00			8,000
PROVIDE & INSTALL NEW EMERGENCY GAS & POWER SHUT-OFF SWITCHES	2	EA	\$ 500.00			1,000
C-400 WIRE MOLD	20	LF	\$ 130.00			2,600
No. 12 THWN	1500	LF	\$ 1.25			1,875
No. 14 THWN	750	LF	\$ 1.25			938
3/4" EMT	200	LF	\$ 10.00			2,000
TOTAL ELECTRICAL						\$ 21,263
SUB TOTAL						\$ 94,538