

SUBJECT : DETAILED COST ESTIMATE

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6.2	10mmØ x 6.00m def. bar	54	pcs
6.3	G.A 16 G.I wire	8	kgs
6.4	Portland cement	74	bags
6.5	Sand gravel	10	cu.m
6.6	12mmØ x 6.00m def. bar	8	pcs
6.7	16mmØ x 6.00m def. bar	4	pcs
6.8	1/2" x 4 x 8 ordinary plywood	4	pcs
6.9	Asstd. Coco lumber	180	bd.ft
6. 10	Asstd. C.W Nail	5	kgs
6.11	3/4" Crashed gravel	4	cu.m
7	CARPENTRY WORKS		
7.1	10mm x 1.2 x 2.4 Gypsum Board	12	pcs
7.2	1" x 2" x 16' metal furring "JEA Brand"	20	pcs
7.3	1" x 1" x 12' metal wall angle "JEA Brand"	6	pcs
7.4	Hanger and support	1	lot
7.5	Tox w/ screw	40	pcs
7.6	Black screw	200	pcs
7.7	1" x 3" x 10' S4S K.D Cornice	16	pcs
7.8	1" x 2" x 16' x 1.00mm thk Carrying Channel	4	pcs
7.9	Blind rivets	2	box
8	ROOFING WORKS		
	(0.40mm x 1.09 x 6.20m) Pre-painted long span	6	pcs
	roofing rib-type "Green"		
8.1	1.00mm thk x 1.20m x 2.44m Stainless steel type 304	3	pcs
8.2	Aluminum blind revit	5	box
8.3	4"Ø PVC Pipe x 10' neltext (S-1000)	6	pcs
8.4	4"Ø PVC Elbow neltex	6	pcs
8.5	PVC cement	1	lit
8.6	Vulcaseal	1	lit
8.7	Silicon sealant	2	tube
8.7	0.40 x 1.2 x 2.44 Pre-painted plain sht.	5	pcs
8.8	Metal tekscrew 3 1/2" Pre-painted	200	pcs
8.9	0.60mm thk x 0.10m x 1.00m metal spandrel "Brown"	280	pcs
8. 10	0.60mm thk Pre-painted top cap	9	pcs
8.11	0.60mm thk Pre-painted bottom cap	9	pcs
8.12	0.60mm thk x 0.10m x 0.40m Pre-painted	50	pcs
	metal spandrel		
8.13	0.60mm thk wall angle	8	pcs

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3.4	Expansion Bolt	28	pcs
4	INSTALLATION OF NEW ANALOK ALUMINUM FRAME PARTITION W/ DOUBLE ALUMINUM DOORS W/ FIX GLASS		
4.1	(2.45m x 2.70m) Analok Aluminum partition with (1.80m x 2.10m) double analok aluminum door frame w/ 1/4" thk bronze glass w/ complete accessories	2	set
4.2	(1.86m x 2.70m) double analok aluminum door frame w/ 1/4" thk bronze glass w/ complete accessories w/ transom on top of door.	1	set
5	INSTALLATION OF NEW ACU'S WATER DRAIN PIPES (EMBEDDED TO CONCRETE WALL)		
5.1	3/4"Ø x 10' PVC pipe (ESLON BLUE)	6	pcs
5.2	Asstd. PVC Fittings	1	lot
5.3	PVC cement	1/4	lit
5.4	Chipping works and cement plastering	1	lot
5.5	Painting works (concrete wall)	27	sqm
8	PROVISION OF NEW WATERLINE (for the Pressurized Water Tank)		
8.1	1/2"Ø x 12' PPR pipe "Mega green or equivalent"	3	pc
8.2	Asstd. PPR Fittings	10	pc
8.3	1/2"Ø PPR brass gate valve	2	pcs
8.4	Chipping works & concrete cutting of floor	1	lot
8.5	Concrete restoration & painting	1	lot
	Sub-total		
B.6	UPGRADING OF CENTRAL LAB		
1	APPLICATION OF NEW EPOXY FLOOR PAINT		
1.1	Self leveling epoxy (Badge)	280	sqm
2	REPAIR OF CEILING AND REPAINTING		
2.1	Repair of ceiling	1	lot
2.2	Repainting of ceiling	280	sqm
3	REPLACEMENT AND INSTALLATION OF NEW ACU		
3.1	Window type ACU (2.0 Hp) Panasonic (Liquid Nitrogen Plant)	2	sets
3.2	Wall type split type ACU (2.0 Hp) Panasonic , Inverter (Chem & Applied Physics)	2	sets
3.3	Wall type split type ACU (1.0 Hp) Inverter, Panasonic , Chemistry	2	sets
4	SUPPLY AND INSTALLATION OF WINDOW BLIND		

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GENERAL REQUIREMENTS**TOTAL COST**

1	Mobilization & demobilization	0.00
2	Bonds/insurance	0.00
3	Temporary facilities	0.00
4	As-built plan	0.00
5	Project Billboard	0.00

SUB-TOTAL	0.00
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CIVIL AND STRUCTURAL WORKS

1	2nd Floor Upgrading Of BMRS Lab & Office	0.00
2	Upgrading of Neutron Lab.	0.00
3	Upgrading of Radioecology Laboratory	0.00
4	Upgrading of HPRS and Radon Laboratory	0.00
5	Upgrading of RBA Laboratory – 1	0.00
6	Upgrading of Central Lab	0.00
7	Upgrading of Radiation Processing Lab.	0.00
8	Installation of Emergency Shower At Basement, Ground Floor, Second Floor.	0.00
9	Replacement of Chipped Tiles at Chemistry Office, 2nd Floor ACR Bldg.	0.00
10	Upgrading of Chemical Storage House 2nd Floor Roofdeck	0.00
11	Upgrading of Carageenan Pilot Lab.	0.00
12	Upgrading of Basement Hallway	0.00
13	Upgrading of Chemistry Laboratory Basement	0.00
14	Upgrading of NATAS Laboratory	0.00
15	Upgrading of RBA Laboratory 2 Storage Room	0.00
16	Upgrading of PNRI Clean Room	970,880.40
17	Upgrading of Ground Floor Entrance	0.00

SUB-TOTAL	970,880.40
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ELECTRICAL WORKS

1	Supply and installation of Electrical Panelboard including its feederline at the Chemistry Main Laboratory	82,502.28
2	Electrical Works at HPRS Radon Laboratory	70,111.94
3	Electrical Works at Pilot Laboratory, 2nd floor, ARC Building	72,932.58
4	Renovation at Chemistry laboratory basement	154,728.00
5	Supply and installation of 1 unit pressure watertank and 2 unit ceiling exhaust fan at RBA laboratory building	11,949.34
6	Supply and installation of 1 unit 3 tonner split type aircon ceiling mounted and 1 unit 1.5 HP split type aircon celing mounted at Chem office and laboratory	266,117.04
SUB-TOTAL		658,341.18
TOTAL		1,629,221.58

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