

Project: REPAIR AND RENOVATION OF IB109, IB 111, and IB 107
Subject: BILL OF QUANTITIES
Duration: 80 DAYS

[illegible]

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ITEM	DESCRIPTION	QUANTITY	UNIT	MATERIAL UNIT COST	TOTAL MATERIAL COST	LABOR UNIT COST	TOTAL LABOR COST	DIRECT COST	OVERHEAD, CONTINGENCIES, MISCELLANEOUS + CONTRACTOR'S PROFIT	5% VAT	TOTAL COST
(a)	(b)	(c)	(d)	(e)	(f=c*e)	(g)	(h=c*g)	(i=f+h)	(j)	(k=5%*(i+j))	(l=i+j+k)
	1/4"x4"x8' plywood	1	pc.								
	Common wire nail	1	kg.								
	SUBTOTAL XIII										
XIV	WATERPROOFING OF ROOFING (IB 111)										
	(Remove and clean roof surface of rust and paint flakes, apply silicon sealant on all nailings, holes and gaps at roofing, apply liquid asphalt on roofing, apply paint (3 coats))										
	Automotive silicon sealant (ProSeal or equivalent)	4	pack								
	Rubberized liquid asphalt	20	gal.								
	Roofing painting (3 coats)	200	sq.m.								
	SUBTOTAL XIV										
XV	REPLACEMENT OF CEILING INCLUDING PAINTING OF CEILING AND WALLS (IB107)										
	2"x2"x12' lumber	101	pc.								
	2"x3"x12' lumber	26	pc.								
	1/4"x4"x8' plywood	26	pc.								
	Flat latex paint	5	gal.								
	Flat enamel paint	4	gal.								
	Semi-gloss latex paint (2 coats)	10	gal.								
	Semi-gloss quick dry enamel (2 coats)	8	gal.								
	Paint thinner	3	gal.								
	Solignum	2	gal.								
	7" paint roller	2	pc.								
	1" paint brush	2	pc.								
	3" paint brush	2	pc.								
	Paint tray	2	pc.								
	1'x1' sanding paper	37	pc.								
	Wood putty	1	gal.								
	Masonry putty	1	gal.								
	Putty knife	2	pc.								
	Common wire nail	5	kg.								
	1" masking tape	1	roll								
	Miscellaneous	1	lot								

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(a)	(b)	(c)	(d)	(e)	(f = c * e)	(g)	(h = c * g)	(i = f + h)	(j)	(k = 5% * (i + j))	(l = i + j + k)
	SUBTOTAL XV										
XVI	REPAIR OF LABORATORY TABLES (IB107)										
	REPLACEMENT OF COUNTERTOPS										
	60cm x 60cm black granite tiles	42	pc.								
	Plexibond	8	gal.								
	Portland cement	2	bag								
	Tile adhesive	4	bag								
	Tile grout	1	bag								
	Miscellaneous	1	lot								
	REPAIR AND REPAINTING OF LOCKERS										
	3/4"x4"x8" plywood	3	pc.								
	1" x 2" x 12' lumber	3	pc.								
	Flat enamel paint	3	gal.								
	Semi-gloss quick dry enamel (light brown) (2 coats)	6	gal.								
	Paint thinner	2	gal.								
	3" paint brush	2	pc.								
	1'x1' sanding paper	15	pc.								
	Wood putty	1	gal.								
	Wood glue	1	li.								
	Common wire nail	5	kg.								
	Miscellaneous	1	lot								
	REPAIR OF PLUMBING SYSTEM										
	Stainless double gooseneck faucet	3	set								
	Flexible stainless gooseneck faucet	2	set								
	Double water/gas outlet/nozzle	9	set								
	1/2" GI pipe	6	pc.								
	1/2" GI tee	8	pc.								
	1/2" GI elbow	16	pc.								
	Portland cement	3	bag								
	Crushed sand	0.25	cu.m.								
	Miscellaneous	1	lot								

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	INSTALLATION OF ELECTRICAL POWER OUTLETS										
	2-gang 3-pin universal outlet	8	set								
	AWG 12 electrical wire, 3.5 mm2	0.5	roll								
	PVC electrical wire moulding	8	pc.								
	1" screw	6	pc.								
	1" tox	6	pc.								
	Duct tape	2	roll								
	Miscellaneous	1	lot								
	SUBTOTAL XVI										
XVII	INSTALLATION OF CONCRETE WORK TABLE (IB107)										
	60cm x 60cm black granite tiles	5	pc.								
	Portland cement	2	bag								
	Crushed sand	0.5	cu.m.								
	Crushed gravel	0.5	cu.m.								
	4" CHB	30	pc.								
	10mm diam. Rebar	5	pc.								
	3/4"x4"x8" plywood	10	pc.								
	2"x2"x12' lumber	4	pc.								
	Cabinet handles	8	set								
	1"x2" hinge	8	set								
	Magnetic cabinet door stopper	8	set								
	Flat latex paint	3	gal.								
	Flat enamel paint	3	gal.								
	Semi-gloss latex paint (2 coats)	5	gal.								
	Semi-gloss quick dry enamel (2 coats)	1	gal.								
	Paint thinner	2	gal.								
	Lacquer thinner	1	bottle								
	3" paint brush	2	pc.								
	1'x1' sanding paper	15	pc.								
	Wood putty	1	gal.								
	Common wire nail	2	kg.								

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	SUBTOTAL XVII										
XVIII	REPAIR AND INSTALLATION OF ADDITIONAL EXHAUST FANS (IB107)										
	12" ceiling-mounted exhaust fans	8	pc.								
	15cm x 3m flexible aluminum tube duct hose	4	pc.								
	2" x 30m Aluminum foil tape	3	roll								
	Miscellaneous	1	lot								
	SUBTOTAL XVIII										
IX.	PAINTING WORKS										
	IB 109										
	Application of putty and painting of tables (3 coats quick dry enamel paint)	332.4	sq.m.								
	Application of putty and painting of wooden door (3 coats quick dry enamel paint)	7.3	sq.m.								
	Application of putty and painting of cabinet (3 coats quick dry enamel paint)	13.8	sq.m.								
	Application of putty and painting of wood (3 coats quick dry enamel paint)	3	sq.m.								
	Application of putty and painting of wood (3 coats quick dry enamel paint)	5.2	sq.m.								
	Application of putty and painting of concrete/masonry (3 coats latex paint)	139.8	sq.m.								
	IB 111										
	Wall painting (3 coats)	182.5	sq.m.								
	Ceiling painting (3 coats)	94	sq.m.								
	Door painting include plywood at ceiling (3 coats)	20.1	sq.m.								
	Window painting (2 coats)	12.8	sq.m.								
	Cabinet painting (3 coats)	30.1	sq.m.								

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	SUBTOTAL IX										
	TOTAL										

NAME OF COMPANY: _____

NAME OF BIDDER/ AUTHORIZED REPRESENTATIVE: _____

SIGNATURE OF BIDDER: _____