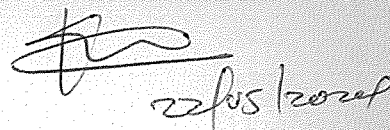



ESTIMATES FOR THE PROPOSED REFURBISHMENT OF NAIROBI WEST GENERATION BUILDING FOR CONVERSION INTO A TX REPAIR BUILDING.					
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<u>BILL NO. 2 : MAIN BUILDING WORKS</u>				
	<u>ELEMENT NO 1. :</u> The items of demolitions and removal shall include scaffolding and ladders approximately 10m high where necessary, making good disturbed areas to match existing and loading and carting away				
	<u>Demolition and Downtakings</u>				
	<u>Storm drainage</u>				
A	Remove all debris, garbage and dirt from existing in-situ cast/p.c.c IBD storm drainage channel, inspect for damage and/or deterioration, make general repairs, re-align gradient and clean to leave in good working order	63	Lm		
	<u>Walls</u>				
B	Allow for careful demolition of internal 250mm thick concrete walls.	35	Sm		
	<u>Paving</u>				
C	Allow for careful removal of cover trench in external c/s screed floor as directed on site, protecting all service lines and appropriately cart away all arising debris.	30	Sm		
	<u>Roofing</u>				
D	Carefully remove all existing 200x25mm fascia boards, gutters and downpipes on all storey structures and store house and cart away arising.	105	Lm		
	<u>Provide assistance compliance with Environmental management and coordination (Waste management) Regulation, 2015. including undertaking EIA and obtaining necessary approval and advice. Works to be executed by a special sub-contractor.</u>				
E	Carefully ensure safe removal ,handling, packing and transporting of all existing 2000x900mm asbestos roof covering in the storey structures and dispose them safely.	450	Sm		
	Carried to Collection				-




ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<u>ELEMENT NO 3.</u> <u>DOORS</u>				
A	Allow a provisional sum for repair of cracks, greasing the moving parts of sliding doors, 3-lever rebated mortise lock with lever handle, hinges with matching existing or equal and approved, including 38mm bolt peeled plaster	1	ITEM		
	<u>Prepare and apply first quality one undercoat and two coats of gloss oil paint to match existing</u>				
B	General surfaces of steel doors over 300mm girth	70	Sm		
C	Frames not exceeding 100mm girth, internally	20	Lm		
Carried to Collection					1 -


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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<u>ELEMENT NO 4.</u>				
	<u>ROOFING</u>				
	<u>Roof cover</u>				
	<u>Structural Timber</u>				
A	150x50mm. thick Rafters	30	Lm		
B	100x50mm. thick Purlins	120	Lm		
C	100x50x4.5mm. thick wall plate strapped to walling with and including gauge 16 hoop iron as directed	30	Sm		
	<u>Roof covering</u>				
D	Gauge 28 pre-painted (approved colour) IT 5 profile roofing sheet covering nail to purlins (m.s) complete with matching rubber gaskets and tropicalized hinged plastic caps	450	Sm		
E	Ditto 2000mm matching ridge cap fixed as above	35	Lm		
F	Aluminum flashing to match roofing sheets.	20	Lm		
	<u>Timber Finishing's</u>				
	<u>Wrot First Grade Cypress as described in; -</u>				
G	250x25mm. thick Fascia Board	100	Lm		
H	Ditto verge board	25	Lm		
	Carried to Collection				


22/08/2024


ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<u>Rain Water Goods</u>				
	<u>Down pipes</u>				
A	200mm diameter rainwater gutter downpipe fixed with and including downpipe clip and connectors at 900mm centers, plugged and screwed to wall	50	Lm		
B	Extra; swan neck bend with 300mm projection	8	No.		
C	Ditto for shoe pipe 300mm length encased in Mass Concrete.	8	No.		
D	Extra for swan neck offset in pipe 500mm diameter encased in mass concrete	8	No.		
E	Allow for opening up, unclogging and cleaning storm water drainage channels	60	Lm		
	<u>COLLECTION</u>				
	From page above				
	From page 4 of 9				
	Carried to Collection				-


22/05/2024

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<u>ELEMENT NO 5.</u>				
	<u>FINISHES</u>				
A	Allow for 200mm thick molding of c/s of the existing iron sheet cladding	4	Sm		
	<u>Painting and decoration</u>				
B	Prepare and apply first quality paints, two coats of first quality Silk Vinyl paint to previously painted internal wall surfaces	600	Sm		
C	Extra brilliant white emulsion paint to wall ceiling and Soffit surfaces	170	Sm		
D	Prepare and apply one undercoat and two finishing coats of first quality exterior weather guard permacoat to external walls including to rendered fabricated iron sheet cladding as directed	85	Sm		
	<u>PAVED AREAS</u>				
	<u>External trench covers</u>				
E	Supply and fix 300x2000 mm precast concrete covers	70	Sm		
F	Ditto but 600x450mm covers	30	Sm		
G	Provide and lay 100mm. dia PVC waste pipe and fitting to mechanical engineers details	40	Lm		
	<u>Internal trench covers</u>				
H	Supply and fix 330x600 mm precast concrete covers	20	Sm		
	<u>RAMP</u>				
	<u>In situ concrete; reinforced, class 20/ (20mm); vibrated in bays including approved expansion joint and approved surface finish. 1:40 gradient</u>				
	<u>Filling</u>				
J	Supply hardcore filling in making up levels, hand packed, 300mm thick in layers of 150mm maximum thickness	20	Cm		
K	100mm (average) thick quarry dust blinding to surfaces of hardcore	10	sm		
L	Level ramp and consolidated in 100mm thick layer to receive concrete surface bed.	15	sm		
	Carried to Collection				


22/05/2024

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<u>Finishes contn'd</u> <u>Reinforcement</u> <u>Bars; ribbed bars; High yield steel bars for the reinforcement concrete to KS 573:2014:- (Provisional) including bends, hooks, tying wire and distance blocks</u>				
A	In assorted reinforcement of various sizes <u>Fabric; B.S. 4483</u>	60	kg		
B	Reference A142 mesh 200 x 200 mm, weight 2.22 kgs per square meter (measured net - no allowance made for laps(including bends, tying wire and distance blocks <u>Reinforced concrete class 1:2:4/20mm aggregate as described</u>	10	sm		
C	100mm Thick horizontal surface bed <u>COLLECTION</u> From page above From page 6 of 9	15	sm		
Carried to Collection					


22/05/2024

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