

BUILDER'S WORKS

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<u>BUILDER'S WORKS ON OFFICE BLOCK</u>					
<u>In situ Finishings</u>					
A	14mm thick 2 No. coatwork cement sand (1:3) render; wood floated to concrete or blockwork base to walls; external	48	SM		
<u>Painting and Decorations</u>					
<u>Prepare and apply three coats bituminous paint to:</u>					
B	Wood floated rendered plinths over 300mm girth	48	SM		
<u>Precast concrete</u>					
C	600 x600 x 50mm thick precast concrete slabs laid on compacted murrum bed; to fall	132	SM		
TOTAL FOR SUBSTRUCTURE CARRIED TO SUMMARY					
<u>RC SUPERSTRUCTURE</u>					
<u>In situ concrete; reinforced; class 20 / (20mm); vibrated:</u>					
D	Beams	4	CM		
<u>Reinforcement</u>					
<u>Bars; high yield steel; cold worked to B.S. 4461 and hot rolled to B.S. 4449 including bends, hooks, tying wire and distance blocks</u>					
E	In assorted reinforcement of diameters (8, & 12)	350	KG		
<u>Sawn formwork to insitu concrete as described:-</u>					
F	To sides and soffits of beams	44	SM		
TOTAL FOR RC SUPERSTRUCTURE CARRIED TO SUMMARY					
<u>WALLING</u>					
<u>Precast concrete grade 20(12mm aggregate) including formwork, finishing fair on all exposed surfaces and hoisting and placing in position, bedding, jointing and pointing in cement and sand (1:3) mortar</u>					
G	100 x 200 mm Lintel reinforced with and including two 12mm diameter mild steel rods hooked at ends (in 2 No.)	9	LM		
H	WINDOW CILL; 250 x 50 mm extreme height; once weathered; once throated; reinforced as necessary for handling; surface fair finish 275 mm girth; bedding, jointing and pointing in cement sand (1:3) mortar	35	LM		
<u>NATURAL STONE WALLING</u>					
I	200 mm thick approved local; chisel dressed both sides; bedding, jointing and pointing in cement sand (1:3) mortar; External	118	SM		
J	Ditto; reinforced with hoop iron at every course; ditto; Internal	110	SM		
Carried to Collection					

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Ditto; but precast concrete vent block walling; reinforced with and including hoop iron in alternate course with and including mosquito gauze	15	SM		
B	150mm thick glass blocks laid in glass adhesives including all necessary accessories; all to approval	18	SM		
<u>Collection</u>					
From page BW1					
From page Above					
TOTAL FOR WALLING CARRIED TO SUMMARY					
<u>ROOFING CONSTRUCTION, COVERING AND RAIN WATER DISPOSAL (Provisional)</u>					
<u>Roof covering.</u>					
<u>Galvanized steel IT5 box profile sheets; 26 gauge; prepainted</u>					
C	Roof covering; 150mm laps on one end and one and a half corrugation side lap; and nailing to 75x50 mm celcured sawn cypress purlins (m/s) on timber trusses (m/s) at 1200mm c/c all laid to fall at 22.5 ^o	588	SM		
<u>Accessories, fixing as necessary to roof sheets</u>					
D	150mm dia. Half round ridge sheet	61	LM		
E	Ditto; hip sheet	10	LM		
F	600mm wide; valley sheet	25	LM		
<u>CARPENTRY</u>					
<u>The following in sawn celcured cypress timber trusses, bolted connections, to detail; hoisting approx. 3.5m above ground</u>					
G	150 x 50mm rafters	392	LM		
H	150 x 50mm ceiling joist	336	LM		
I	100 x 50mm struts and ties	382	LM		
J	100 x 50mm king post	36	LM		
<u>The following in sawn celcured cypress non framed timber</u>					
K	150 x 50mm wall plate rag-bolted at 1200mm centres with 12mm diameter bolts (m/s)	125	LM		
L	200 x 50mm ridge board	61	LM		
M	150 x 50mm common rafters	392	LM		
N	Ditto; hip & valley rafters	35	LM		
O	75 x 50mm purlins	640	LM		
Carried to Collection					

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>The following in wrot cypress;</u>				
A	200 x 25mm thick fascia & barge boards	72	LM		
B	Approved t & g timber boarding; secret fixed to and including 50 x 50mm celled wrot cypress bearers or branding at 600mm centres	43	SM		
	<u>Labour and material (Provisional)</u>				
C	12mm diameter rag bolt, 200mm long complete with and including head, nut and two washers; cast into and including mortice in stone or concrete and run with cement and sand (1:3) mortar	104	NO		
D	Drill 50mm thick timber to receive 12mm dia. Bolt (m/s)	104	NO		
	<u>RAINWATER DISPOSAL</u>				
	<u>24g Galvanised mild steel sheeting; all welds ground smooth</u>				
E	100 x 75mm box gutter including soldered joints in the running length fixed to fascia board with and including brackets at approved centers	42	LM		
F	Extra; for blocked ends with 75mm dia.outlet 100mm long	6	NO		
G	Extra; for 75mm dia.outlet 100mm long	4	NO		
H	75mm dia. rainwater downpipe fixed with and including mild steel straps at 900mm centres, plugged and screwed to wall	33	LM		
I	Extra; swanneck bend with 1135mm projection	10	NO		
J	Extra; horse shoe bend	10	NO		
	<u>Painting and Decorations</u>				
	<u>On Woodwork</u>				
	<u>Prepare and apply one zinc plumbate primer and three coats of 'CROWN SOLO' or other equal and approved super gloss oil paint to:-</u>				
K	Fascias and barge boards; 200 to 300mm girth; external	72	LM		
	<u>On Metal work</u>				
L	General surfaces; over 300mm girth external	12	SM		
M	Small pipes; external	33	LM		
Carried to Collection					
	<u>COLLECTION</u>				
	From page BW/2				
	From page Above				
TOTAL FOR ROOFING CONSTRUCTION, COVERING AND RAIN WATER DISPOSALCARRIED TO SUMMARY					

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS</u>				
	<u>Metal Doors</u>				
	<u>Supply, assemble and fix the following heavy gauge mild steel panel doors, primed before fixing complete with heavy duty steel hinges, handles, locking devices and other necessary fittings fixed to opening including fixing framing to concrete or masonry, making good disturbed surfaces, all to architects detail drawing.</u>				
A	Door size 2800 x 2400mm high in two equal openable leaves	1	NO		
B	Door size 900 x 2400mm high	2	NO		
	<u>Wrot hardwood framed frames and framings</u>				
C	200 x 38 mm; 4 No. labours; plugged door frame	65	LM		
D	100 x 38mm architraves with 4 No. labours	65	LM		
E	38 x 38mm quadrants with 3 No. labours	65	LM		
	<u>45mm Thick semi-solid core flush doors to B.S 459: part 2 veneered both sides with internal Quality mahogany veneer and lipped on all edges in approved hardwood including glazed fanlight</u>				
F	Door size 900 x 2100 mm high	6	NO		
G	Door size 800 x 2050 mm high	4	NO		
	<u>Iron mongery</u>				
	<u>Supply and fix the following to UNION catalogue or other equal and approved; To softwood, hardwood or the like fixing with screws</u>				
H	Three lever mortice lock complete with set lever brass handle furniture	10	NO		
I	100mm steel butt hinges	30	PRS		
J	Door closer as union ref 8850 or other equal and approved	2	NO		
	<u>To concrete or blockwork; fixing with bolts; plugging</u>				
K	Rubber door stop complete with 38 mm rawl bolt	15	NO		
	<u>Painting and Decorations</u>				
	<u>On wood</u>				
	<u>Aluminium primer or other equal and approved wood primer before fixing: -</u>				
L	Backs of frame, board, etc over 100mm but not exceeding 200mm girth	130	LM		
	<u>Prepare and apply high quality clear varnish to;</u>				
M	General surfaces of timber doors over 300mm girth; external	58	SM		
	Carried to Collection				

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Frames; over 100mm but not exceeding 200mm girth; internal	130	LM		
B	Frames not exceeding 100mm girth; internal	65	LM		
Carried to Collection					
	<u>COLLECTION</u>				
	From page BW / 4				
	From above				
TOTAL FOR DOORS CARRIED TO SUMMARY					
	<u>WINDOWS</u>				
	<u>Bull-nosed burnt clay, finishing fair on all exposed surfaces and hoisting and placing in position, bedding, jointing and pointing in pigmented cement and sand (1:3) mortar</u>				
C	150 x 25mm thick clay window sill	35	LM		
D	6mm thick ceramic tiles finish to internal surfaces of window sills; 150mm girth	3	LM		
	<u>Wrot Cypress</u>				
E	150 x 25 mm thick window boards including bull-nosed edges and 25 x 25 mm bearer; plugged, counter sinking and flush pelleting.	35	LM		
	<u>Pelmet box</u>				
F	Comprising 150 x 25mm wide fascia, 2 No. 150 x 25mm ends 100mm long; 100 x 25mm blockboard top; and 50 x 25mm wrot cypress bearer; plugged	35	LM		
	<u>Curtain Tracks;</u>				
G	"Silent Gliss" Stardand I-section light duty brass single curtain track screwed to soffits of timber pelmet top (m/s) with brass plated screws, one bracket runner per 75mm of rail, two end stops per length and complete accessories to approval	35	LM		
	<u>PURPOSE - MADE UNITS</u>				
	<u>Aluminium sliding window glazed with 6mm clear glass including 60 x 40 x 2.1mm frames, ironmongery plugged and screwed to walls and all necessary anti-vibration rubber gaskets and the like; all to approval as per schedule</u>				
H	Size 2000 x 2000mm high	11	NO		
I	Ditto but fixed window size 2500 x 2000mm high	2	NO		
J	Ditto but top hung size 600 x 800 mm high ditto	6	NO		
	<u>Glazing</u>				
	<u>Sheet glass panes over 0.5 but not exceeding 1.0 square meters; fixing rubber, lining and all accessories.</u>				
K	8mm thick laminated clear glass sheet	55	SM		
Carried to Collection					

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p><u>Sheet glass panes over 0.5 but not exceeding 1.0 square meters; fixing rubber, lining and all accessories.</u></p> <p>Ditto but obscure glass</p>	3	SM		
B	<p><u>Grills</u></p> <p><u>Fabricate and fix corporate grilling as described below;</u></p> <p>25x25x3mm thick square tubes welded and ground smooth to approval.</p>	58	SM		
C	<p><u>Painting and Decorations</u></p> <p><u>Prepare and apply three coats oil paint full gloss to Crown Solo or other equal and approved to:-</u></p> <p>Surfaces of metal over 300mm girth (burglar proofing grills)</p>	114	SM		
D	<p><u>On wood</u></p> <p><u>Aluminium primer or other equal and approved wood primer before fixing: -</u></p> <p>Backs of frame, board, etc over 200mm but not exceeding 300mm girth</p>	35	LM		
E	<p><u>Prepare and apply three coats polyurethane clear varnish on woodwork internally</u></p> <p>Frames; 200 to 300mm girth</p>	35	LM		
Carried to Collection					
<u>COLLECTION</u>					
From page BW / 5					
From above					
TOTAL FOR WINDOWS CARRIED TO SUMMARY					
F	<p><u>FINISHES</u></p> <p><u>Wall finishes</u></p> <p><u>Insitu finishes</u></p> <p><u>Render; 15mm thick, 1 No. coatwork of cement and sand (1:3); wood floated to concrete or blockwork base generally to: -</u></p> <p>Beams and walls; external</p>	360	SM		
G	<p><u>Plaster; 18mm thick, 2 No. coatwork, 15mm first coat of cement sand (1:3); 3mm second coat of cement and lime putty (1:9); steel trowelled to concrete or blockwork base generally to: -</u></p> <p>Walls, beams; internal</p>	714	SM		
Carried to Collection					

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PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Tile, Slab or Block Finishings</u>				
	<u>Approved ceramic tiles to B.S. 1281; local; white glazed wall tiles to regular or approved other pattern; bedding and jointing in cement sand (1:4) mortar, grouting with white cement</u>				
A	330x 250 x 6mm thick; butt joints straight both ways; to cement sand base (m/s) to walls internal	72	SM		
B	Plastic edging (Provisional)	46	LM		
	<u>Render; cement and sand (1:3)</u>				
C	12mm thick one coat backings; wood floated to receive ceramic tiles (m/s) to concrete or blockwork base; to walls internal	72	SM		
	<u>Painting and decorations</u>				
	Prepare and apply one undercoat and three coats of first quality silk vinyl paint to: -				
D	Plastered surfaces	1074	SM		
	<u>Floor finishes</u>				
	<u>Terrazo with approved coloured aggregates.</u>				
E	40mm thick terrazo floor finish coloured and polished to approval with plastic dividing strips (m/s) forming an approved pattern with and including screed backing.	29	SM		
F	100mm wide skirting; rounded junction with wall finish, coved junction with floor finish.	8	LM		
G	PROVISIONAL: 25 x 3mm plastic dividing strips cut to lengths and set vertically to screed to form margins	32	LM		
	<u>Tile Finishings</u>				
	<u>Approved granito tiles; non slip floor tiles to regular or other approved pattern; bedding and jointing in cement sand (1:4) mortar; grouting with matching cement</u>				
H	600 x 300 x 10mm thick; butt joints both ways; to cement sand base (m/s); to floors level; internal	373	SM		
I	100 mm thick skirting; straight junction with wall and floor finish.	229	LM		
	<u>Backings</u>				
J	28mm thick one coat backings; wood floated to receive ceramic tiles (m/s) to concrete or blockwork base; to floors level; internal	373	SM		
	<u>Ceiling finishes; Cornice</u>				
K	Moulded cornice; or any other equal and approved cornice	251	LM		
	<u>Approved sawn softwood; second grade; pressure impregnated.</u>				
L	50 x 50mm brandering	742	LM		
Carried to Collection					

N2

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Approved sawn softwood; second grade; pressure impregnated.</u>				
A	50 x 50mm ditto; plugged	710	LM		
	<u>Softboard; chipboard</u>				
B	12mm thick V-jointed chipboard ceilings secretly nailed to brandering; all to approval	373	SM		
	<u>T&G timber boarding;</u>				
C	T&G timber boarding to brandering to approval	29	SM		
	<u>Painting and decorations</u>				
	<u>Prepare and apply one undercoat and three coats of first quality plastic emulsion paint to: -</u>				
D	Softboard ceiling surfaces	373	SM		
	<u>Knot, prime, prepare and apply two coats of polyurethane clear varnish to "Crown Solo" or equal and approved</u>				
E	T&G surfaces	72	SM		
Carried to Collection					
COLLECTION					
	From page BW / 6				
	From page BW / 7				
	From page Above				
TOTAL FOR FINISHES CARRIED TO SUMMARY					
	<u>FIXTURES AND FITTINGS</u>				
	<u>KITCHEN</u>				
	<u>PLINTH</u>				
F	1:3:6 mass concrete concrete as described in 100mm thick high plinth in kitchen	3	SM		
G	VRC class(20/20)mix 1:2:4 as described in 100mm thick kitchen worktops	3	SM		
	<u>32mm cement sand (1:4) screed trowelled hard and smooth and finished with cement grout as described in</u>				
H	Surface finish to surface of plinth	3	SM		
	<u>Granite work tops</u>				
	<u>10mm thick Polished granite slab ground smooth fixed to;</u>				
I	Worktops	3	SM		
	Extraover for forming sinks / basin hole	1	NO		
Carried to Collection					

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PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Medium Density Fibre boards</u>				
	<u>The following in 25mm thick MDF boards, veneered on one side with Mahogany veneer and hardwood lipped on all edges as described</u>				
A	Averaging 1100 mm high x 550mm deep low level kitchen cabinets complete with all necessary framing, ironmongery, doors, and the like	4	LM		
B	Ditto; high level ditto	4	LM		
	<u>Query Counters</u>				
C	Standard Query counter(as by attached drawing) with 18mm thick MDF board faced with scratch proof KPLC blue on both sides, as infill	2	NO		
	COLLECTION				
	From page BW / 8				
	From page Above				
TOTAL FOR FIXTURES AND FITTINGS CARRIED TO SUMMARY					
	<u>Aluminium works</u>				
D	Supply and fix 76 x 44 x 1.2mm thick Natural Inodised Aluminium framing(Rails, stiles and mullions) including matching beadings where necessary in partition.	172	LM		
E	18mm thick MDF board faced with scratch proof KPLC blue on both sides, as infill.	35	SM		
F	8mm thick clear laminated glass including anti-vibration rubber gaskets, beadings and all necessary accessories.	30	SM		
	<u>Doors</u>				
	<u>75mm thick aluminium door glazed with 6mm clear glass with and including frames, ironmongery, plugged and screwed to walls and all necessary anti-vibration rubber gaskets and approved locks; infill with 18mm thick MDF board faced with scratch proof KPLC blue on both sides; all as per the door schedules provided to approval</u>				
G	Door size 900 x 2100mm high	1	NO		
H	Ditto half door size 900 x 1200mm high	2	NO		
TOTAL FOR ALUMINIUM WORKS CARRIED TO SUMMARY					
	<u>PLUMBING, DRAINAGE AND SEPTIC TANK</u>				
	<u>Supply and fix;</u>				
I	20mm diameter PPR pipe including all necessary exxavations, disposal and refiling, shasing in wall and making good all associated pipe jointing fittings both in rising main, supply and overflow	40	LM		
Carried to Collection					

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PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Supply and fix;</u>				
A	Ceramic wash-hand basin as twyfords or equal and approved complete with mixer tap, waste out plug and chain pedestal	4	NO		
B	Ceramic water closet suite as twyford or other equal and approved comprising pan, heavy duty plastic seat and cover, ceramic cistern, flush pipe	4	NO		
C	1450 x 520mm SB DD stainless steel sink complete with kitchen mixer tap, waste out plug and chain	1	NO		
	<u>Urinal</u>				
D	Twyford clifton or equal and approved range of 1(One) consisting of cistern, pipework for range of 1 urinal bowls, twyford dome shape waste, twyford urinal divider	2	NO		
E	Wall mounted clear jumbo tissue holder	4	NO		
F	Ditto 1(one) litre clear and single chamber soap dispenser	2	NO		
	<u>Drainage</u>				
G	Manhole overall size 600 x 600 x 1000mm deep average including all necessary excavations, disposal and backfilling; 150mm thick block walling ;plaster, concrete cover greasd as necessary, concrete base and haunching as necessary	5	NO		
H	110mm diameter uPVC golden brown drain pipe ditto and mass concrete surround.	15	LM		
	<u>SEPTIC TANK</u>				
I	Clear site of bushes and shrubs and grab out all their roots and burn all arisings.	14	SM		
J	Excavate over site to remove vegetable soil average 150mm deep and deposit 100m away from excavation.	14	SM		
K	Excavate pits commencing from stripped level but not exceeding 1.50M deep.	20	CM		
L	Excavate as before described over 1.50M but not exceeding 3.0M deep.	10	CM		
M	Extra over excavation at any depth for excavating in rock for all class of rock.	16	CM		
N	Load cart away surplus excavated materials away from site and dispose to areas designated by County Council.	31	CM		
O	Return, fill and ram selected materials around structural wall and manholes.	17	CM		
P	Provide all necessary plunking and strutting to uphold sides of trenches.	1	ITEM		
Q	Allow for keeping all excavation free from general water by means of pumping, bailing or otherwise.	1	ITEM		
	<u>Concrete.</u>				
R	Mass Concrete Class P as described				
	Carried to Collection				

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Plain concrete (1:4:8-20mm aggregates) in 50mm thick blinding to 200mm thick bed sloping not exceeding 15 degrees for horizontal.	13	SM		
B	Ditto 150mm horizontal bed.	1	SM		
C	Ditto 100mm ditto.	1	SM		
<u>Vibrated reinforced concrete class 20/25 1:2:4/25 as described in:</u>					
D	Pit bases 200mm sloping not exceeding 15 degrees for horizontal	3	CM		
E	Manhole bases	1	CM		
F	100mm thick wall	4	SM		
G	150mm thick suspended cover slab	12	SM		
<u>Steel reinforcement bars including cutting, bending, spacer blocks, tying wires and fixing. High tensile bars to BS 4461, 10mm diameter bar to:</u>					
H	Suspended slab	100	KG		
<u>Mild steel bar to BS 4449:</u>					
I	BRC mesh reference No. A142 weighing 2.22kg per square meter including 150mm minimum end and side lap ,bends, tying wires and distance blocks for bed of slab and manholes.	15	SM		
<u>Walling.</u>					
J	200mm thick machine cut grade one coral stones walling in cement sand mortar (1:3) including and reinforced with 20SWG hoop iron in two alternating course.	35	SM		
K	P.C.C Baffle walls LWH (2,400 x 100 x 1,000mm) reinforced with 1 lay of BRC mesh no. A142 with fair face finish bedded to stonewall in cement/sand mortar(1:3)	1	NO		
<u>Sawn soft wood formwork to:</u>					
L	Horizontal soffit of suspended slab.	9	SM		
M	Edge of bed over 150mm and not exceeding 225mm high.	30	LM		
N	Box formwork for manhole covers	3	SM		
<u>Finishes.</u>					
O	20mm thick Cement/sand mortar water proof plaster (1:3) to walling internally with steel float finish.	30	SM		
P	Ditto externally	20	SM		
Q	Ditto suspended slab	9	SM		
R	25mm thick Cement/sand mortar water proof (1:3) floor screed to bed with steel float finish.	8	SM		
S	Ditto to suspended slab and manholes	12	SM		
T	Plain concrete (1:3:6) in 150mm average bench to manhole internal size 800 x 600mm including forming channel and finished smooth.	1	SM		
Carried to Collection					

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PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Allow for 300 x 200mm slots at 500mm centers' on masonry wall.	5	NO		
B	150mm diameter UPVC Tee in – let and out – let bedded in cement/sand mortar (1:3).	2	NO		
C	Cut holes in 200mm block wall to receive 150mm diameter pipes and make good.	2	NO		
D	16mm diameter U – shaped mild steel step iron fixed to masonry wall.	10	NO		
E	Cut holes in 200mm masonry wall to receive 16mm diameter steps (M.S) and make good.	10	NO		
F	Allow for constructing soak pit of diameter 2,400mm x 30,000mm deep to seepage level complete with masonry wall 1,800mm high, rendering, heavy duty manhole cover,connecting to septic tank and with provision for inlet point for pvc pipes with cover slab 150mm with BRC layer overlying.	1	NO		
G	Allow for testing by County Authority.	1	ITEM		
H	Allow for all necessary Statutory approvals to client's approval.	1	ITEM		
	<u>Lofty Tank</u>				
I	Supply and install 920 litre cold water plastic rectangular size 1270 x 1270 x 520mm high including approved float switch hoisting into position and all necessary decking in the ceiling space	1	NO		
Carried to Collection					
	COLLECTION				
	From page BW / 9				
	From page BW / 10				
	From page BW / 11				
	From page Above				
TOTAL PLUMBING,DRAINAGE AND SEPTIC CARRIED TO SUMMARY					
	<u>SOFT LANDSCAPING</u>				
	<u>Site Clearance and Excavations</u>				
A	Clear the site of all unwanted wastes including existing unwanted plant materials and boulders and excavate oversite commencing from ground level, average 200 mm deep top soil to remove all turf, weeds and any deleterious materials; including carting away all arising wastes, raking and fine levelling of the ground.	300	SM		
	<u>Application of Manure</u>				
B	Supply approved red soil and farm yard manure, mix thoroughly (ratio 4:1) and spread the mixture over all areas to be landscaped; Average depth =150mm.	25	CM		
C	Allow for application of DPN fertiliser	25	KG		
Carried to Collection					

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>INSTALLATION OF GRASS (GRASSING):</u>				
	<u>Supply , plant ,water, weed and tend well undermentioned grass species till full establishment (6months). Grass should also be rolled with a light weight roller to even out 'bumpy' areas. This should be carried out one to two weeks after installation</u>				
D	i) Pennisetum clandestinum (Kikuyu grass) sprigs planted at 100 X 100mm.	300	SM		
	<u>INSTALLATION OF GROUNDCOVERS:</u>				
	<u>Pits excavation for Groundcovers</u>				
E	Excavate circular pits, average 300mm diameter, commencing at existing ground level but not exceeding 0.5 metres depth average 350mm deep.	12	CM		
	<u>Planting of Groundcovers (Approx.)</u>				
	<u>Supply, plant, weed, water and tend well under-mentioned Assorted species of groundcovers till full establishment;</u>				
	<u>Small Groundcovering Plants</u>				
F	Kalanchoe thrysiflora	50	NO		
G	Sedum ribrotinctum	10	NO		
H	Euphorbia milli	60	NO		
	<u>Supply, plant, weed, water and tend well under-mentioned assorted species of ground covers till full establishment; Small Groundcovering Plants</u>				
I	Opuntia cactus (Desert cactus)	10	NO		
J	STONE PLANTS (Sedum spp)	5	NO		
	<u>Supply, plant, weed, water and tend well under-mentioned assorted species of ground covers till full establishment; Large Groundcovering Plants</u>				
K	Bougainvillia rosenka	150	NO		
L	Pennisetum setaceum (White pennisetum)	10	NO		
M	Aloe spp	20	NO		
	<u>INSTALLATION OF TREES/LARGE SHRUBS:</u>				
	<u>Pits excavation -</u>				
N	Excavate pits,1000x1000mm, commencing at existing ground level but not exceeding 1.5 metres depth aver. 1000mm deep .	17	CM		
	<u>Planting of Trees/Large Shrubs</u>				
	<u>Supply, plant ,weed ,water and tend well undermentioned trees/large shrubs till full establishment and support for each tree (generally between 30mm and 50mm diameter);</u>				
O	Phoenix robelinii	20	NO		
	Carried to Collection				

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Supply, plant ,weed ,water and tend well undermentioned trees/large shrubs till full establishment and support for each tree (generally between 30mm and 50mm diameter);</u>				
A	Thevetia thevetioides	50	NO		
B	Callistemon viminalis	50	NO		
C	Arobaini tree spp	50	NO		
	OTHER REQUIREMENTS :				
	<u>River washed stone/rocks for Rock Garden</u>				
D	Supply of river washed stones/rocks of varied sizes (between 0.5 to 1.0 Metres) and arrange them to form a rock garden as directed on site by the pm	15	CM		
	<u>Supply of Sand for top-dressing lawns</u>				
E	Supply of clean sand for top-dressing of lawns.	7	CM		
	<u>Top-dressing of lawns</u>				
F	Apply a top-dressing of clean sand to all grassed or lawn areas (depth of 12.5mm) and rake over all lawns to fill any uneven patches. Top-dressing is to be carried out 2 to 3 weeks after installation or after lawns have fully established.	143	SM		
Carried to Collection					
	COLLECTION:				
	Brought forward from page BW/12				
	Brought forward from page BW/13				
	Brought forward from above				
TOTAL FOR LANDSCAPING CARRIED TO SUMMARY					
	ELECTRICAL WORKS				
	<u>Cost to include Supply and instalation</u>				
G	Lighting points wired in 3 x 1.5mm PVC insulated single core cables copper drawn in 20mm PVC heavy gauge conduits	40	NO		
H	Ditto in two way switching	4	NO		
	<u>Supply and fix the following switches as MK , Crabtree or other equal and approved; all recessed switch boxes;</u>				
I	5Amp one gang one way plate switch	9	NO		
J	5Amp two gang two way plate switch	3	NO		
K	5Amp three gang two way plate switch	2	NO		
L	1200mm double tube florescent light fitting, encased with mesh to protect from direct light	30	NO		
M	100W bulkhead fitting for security lights	10	NO		
Carried to Collection					

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Cooker control socket	1	NO		
B	13Amps socket outlet wired in 3 x 2.5mm single core cables in 20mm PVC heavy duty concealed in walls	34	NO		
C	Cooker control unit in 6mm wiring to the consumer unit	1	NO		
<u>Supply and fix the following as crabbtree or equal and approved;</u>					
D	13Amps twin socket outlet	30	NO		
E	100Amps 12 way consumer unit	1	NO		
F	10Amps circuit breaker	6	NO		
G	Ditto 30Amps	5	NO		
H	Allow for earthing and testing; to KPLC standards		ITEM		
<u>COLLECTION:</u>					
Brought forward from page BW/14					
Brought forward from above					
TOTAL FOR ELECTRICAL CARRIED TO SUMMARY					
<u>SUMMARY</u>					
1	SUBSTRUCTURE (ALL PROVISIONAL)		BW / 1		
2	RC SUPERSTRUCTURE		BW / 1		
3	WALLING		BW / 2		
4	ROOF CONSTRUCTION		BW / 3		
5	DOORS		BW / 5		
6	WINDOWS		BW / 6		
7	FINISHES		BW / 8		
8	FIXTURES AND FITTINGS		BW / 9		
9	ALUMINIUM WORKS		BW / 9		
10	PLUMBING, DRAINAGE AND SEPTIC		BW / 12		
11	LANDSCAPING		BW / 14		
12	ELECTRICAL		BW / 15		
TOTAL FOR OFFICE BLOCK CARRIED TO GRAND SUMMARY					

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

PRIME COST SUMS

PC/1

WQ

PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT LODWAR POWER STATION

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>PRIME COSTS SUMS</u>				
	<u>Fire fighting Installations</u>				
A	Kenya Shillings FOUR HUNDRED FIFTY THOUSAND (KShs.450,000.00) only		ITEM		
	Allow for profits		%		
	Allow for Attendance		ITEM		
TOTAL PC SUMS CARRIED TO GRAND SUMMARY					

GRAND SUMMARY

**PROPOSED COMPLETION OF OFFICE BLOCK WORKS AT
LODWAR POWER STATION.**

GRAND SUMMARY

BILL NO.	DESCRIPTION	Page No.	CONTRACTOR'S USE		OFFICIAL USE	
			K.SHS.	CTS.	K.SHS.	CTS.
1	PRELIMINARIES	P / 15				
2	BUILDER'S WORKS	BW / 15				
3	P.C & PROVISIONAL SUMS	PC / 2				
	SUB-TOTAL 1					
	Add: VAT 16%					
	GRAND TOTAL SUMMARY CARRIED TO FORM OF TENDER	K.SHS.				

Amount in words:

.....
.....

Tenderer's Name, Address

Tenderer's Stamp, Sign & Date

Pin No...... **VAT Certificate No.**.....

Witness..... **Address**.....

Signature **Date**