

RT WORKSHOP MATERIAL – TAKORADI TECHNICAL INSTITUTE

SPECIFICATIONS

LOT 1 – 91190353

No.	Item Description	Specification	Unit	Qty
1	Portland Cement	32.5R, 50kg bags	Bags	75
2	Portland Cement	42.5R, 50kg bags	Bags	150
3	Sand	rough	m3	80
4	Common nails	2"	Box	4
5	Common nails	4"	Box	4
6	Common nails	3"	Box	5
7	Facia board	Ofram	No.	21
8	Panelled door	900mm wide by 1890mm high (Hardwood)	No.	2
9	Hinges	4", Galvanised	Pairs	9
10	Mortice locks	Large, Cylinder lock	No.	3
11	Industrial Roof Extractor Vent	Stainless steel, 20" dia.	No.	6
12	G.P. Silicone Sealant	White	No.	6
13	Aluminium louvre frame	Full aluminium, 8 Blades, Silver colour	Pairs	4
14	Louvre glass blade	L: 900mm, Plain, Translucent	No.	40
15	BRC mesh	5mm, Mild steel, 7 × 150ft roll	m	2
16	12mm rebar	Mild steel, 30ft length	No.	35
17	14mm rebar	Mild steel, 30ft length	No.	60
18	Emulsion paint	Terracotta, 20L bucket	No.	6
19	Gloss paint	Synthetic enamel, White, 4.5L gallons	No.	20
20	Turpentine	4L gallons	No.	5
21	Concrete floor Sealant	Acrylic water-based	No.	20
22	Steel pipe	100mm diameter, 4m thickness, Galvanized Mild steel	No.	32
23	Transportation cost	Takoradi Technical Institute, Takoradi.	No.	1

LOT 2 – 91190354

No.	Item Description	Specification	Unit	Qty
1	Roofing sheet	IBR profile, 0.4mm Thickness, Un-coated Aluminium sheet (or white colour coated), custom long span sheets (6150mm long), rain gutter, flashings, all fixing accessories (screws, seals, etc) to attached roof plan	No.	1
2	Transportation cost	Takoradi Technical Institute, Takoradi.	No.	1

LOT 3 – 91190355

No.	Item Description	Specification	Unit	Qty
1	PVC-insulated copper cable	2.5mm ² , Red, Black, Green/Yellow	Coil	10
2	PVC-insulated copper cable	1.5mm ² , Red, Black	Coil	10
3	Electrical Distribution Panel	Surface/Flush-mounted, single-phase DB, metal-clad, IP44 with Earth Busbar, 12 Way, SP+N+E, 100A MCB Type C	No.	1
4	Ceiling fan	56", 65W	No.	2
5	LED Ceiling Lamp	4" double lights	No.	10
6	Flood light	50W	No.	12
7	2 gang power sockets	13A	No.	5
8	2 gang, 2-way switch		No.	5
9	3" X 6" conduit boxes	Galvanised Steel	No.	10
10	Conduit pipes	uPVC, 20mm dia., 3m length	No.	50
11	Transportation cost	Takoradi Technical Institute, Takoradi.	No.	1

LOT 4 – 91190357

No.	Item Description	Specification	Unit	Qty
1	Centrifugal water pump	1.5 Hp, 220-240V, 50Hz, 70-100L/min, 50 -60m Head, 1" inlet/outlet	No.	1
2	Automatic Pump Control	220-240V, 10A, 50/60Hz, 10bar, 1" inlet/outlet, IP65	No.	3
3	1" PPR Pipe	Polypropylene Random Copolymer, Class PN20	No.	30
4	1" PPR Elbow	Polypropylene Random Copolymer, Class PN20	No.	20
5	1" PPR Tee	Polypropylene Random Copolymer, Class PN20	No.	10
6	1" Stop Cock K55	Polypropylene Random Copolymer, Class PN20	No.	5
7	1" PPR Valve Socket	Polypropylene Random Copolymer, Class PN20	No.	10
8	1 X 3/4 PPR Reducer	Polypropylene Random Copolymer, Class PN20	No.	10
9	3/4 PPR Pipe	Polypropylene Random Copolymer, Class PN20	No.	30
10	1" PPR Coupling	Polypropylene Random Copolymer, Class PN20	No.	10
11	3/4 PPR Elbow	Polypropylene Random Copolymer, Class PN20	No.	20
12	3/4 PPR Tee	Polypropylene Random Copolymer, Class PN20	No.	10
13	1" PPR Faucet Socket	Polypropylene Random Copolymer, Class PN20	No.	10
14	1"PPR Faucet Elbow	Polypropylene Random Copolymer, Class PN20	No.	10
15	1" PPR Union	Polypropylene Random Copolymer, Class PN20	No.	10
16	1" PPR 45 Elbow	Polypropylene Random Copolymer, Class PN20	No.	10
17	3/4 PPR 45 Elbow	Polypropylene Random Copolymer, Class PN20	No.	10
18	1/4" Pipe	Polypropylene Random Copolymer, Class PN20	No.	1
19	1" W Elbow	Polypropylene Random Copolymer, Class PN20	No.	5
20	1/2" PPR Pipe	Polypropylene Random Copolymer, Class PN20	No.	5
21	1/2" PPR Elbow	Polypropylene Random Copolymer, Class PN20	No.	10
22	1/2" PPR Tee	Polypropylene Random Copolymer, Class PN20	No.	5
23	Thread Tape	PTFE, 12mm X 0.075mm X 12000mm	No.	10
24	Pedestal mount wash basin	Vitreous China, Complete (basin, wall tap (cold only), mounting, trap and drain), min. 600mmX350mm	No.	1
25	Basin Screw	Galvanised steel	No.	1
26	1/4" Flexible Tube	Male - Female threads	No.	2
27	Transportation cost	Takoradi Technical Institute, Takoradi.	No.	1