

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ELEMENT No. 1</u> (ALL PROVISIONAL)				
	<u>EXCAVATIONS AND EARTHWORKS</u>				
A.	Allow for planking and strutting to sides of excavations.	ITEM			
B.	Allow for keeping the excavation free from water including spring water during construction.	ITEM			
C.	Clear the site of all bushes, shrub grass, small trees e.t.c. including grubbing up their roots and burn or cart away arising.	ITEM			
D	Excavate oversite average 150mm deep and deposit on site as directed.	SM	183		
E	Excavate foundation trench not exceeding 1.0m deep commencing from stripped level.	CM	54		
F	Ditto pits for column bases.	CM	9		
G	Cut and uproot trees average girth 0.5mm	NO	4		
H	Return fill and ram	CM	37		
I	Approved murrum or fill well compacted in making up levels.	CM	41		
J	Cartway surplus excavated materials from site.	CM	25		
K	Approved hardcore fill 300mm thick, well compacted and blinded with stone dust or other approved fine materials and watered to receive polythene sheeting.	SM	161		
	Carried to collection				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SUBSTRUCTURE (CONT'D)				
A.	Treat surface of hardcore with approved insecticide(Termidor) treatment.	SM	161		
B.	100 Gauge polythene damp proof membrane laid on blinding (M.S.)	SM	161		
C.	<u>BLINDING CONCRETE (1:4:8)</u>				
D	50mm thick blinding under strip foundation	SM	58		
E	Ditto column bases.	SM	11		
	<u>VIBRATED REINFORCED CONCRETE (1:2:4) in:-</u>				
F	Strip foundation	CM	12		
G	Column and column bases.	CM	4		
J	150mm thick floor slab	SM	161		
	<u>REINFORCEMENT:HIGH YIELD STEEL CUT,BEND AS REQUIRED INCLUDING SHORT JOINING LENGTHS TYING WIRE AND SPACER BLOCKS</u>				
K	Y10mm bars in foundations strip.	KG.	365		
L	Y8mm bars in strip footing.	KG	149		
M	Ditto to columns bases	KG	116		
N	Y12 bars in columns.	KG	83		
	Carried to collection				

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SUBSTRUCTURE (CONT'D)				
A	Mesh reinforcement in slabs Ref. No. A142 including laps.	SM	161		
	<u>FORMWORK</u>				
B	Sawn formwork to vertical sides of column and column bases.	SM	25		
C	Ditto to edge of ground floor slab 74 – 150mm.	LM	50		
	<u>APPROVED MACHINE CUT KILIFI STONE OR CORAL BLOCK WALLING IN CEMENT: SAND MORTAR (1:3)</u>				
D	200mm thick foundation walling.	SM	125		
E	200mm thick walling including steps.	SM	22		
	<u>PLINTHS</u>				
F	15 mm thick cement/sand plaster to plinths.	SM	34		
G	Prepare and apply three coats bituminous paint to plinths wall.	SM	50		
H	600 x600 x50mm precast concrete paving blocks laid on well compacted murrum base and jointed in cement/sand mortar including necessary excavations	SM	24		
	Carried to collection				

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>COLLECTION</u>				
	<i>Brought forward from page 1</i>				
	<i>Brought forward from page 2</i>				
	<i>Brought forward from page 3</i>				
Total for Element No. 1 Substructure carried to Summary					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ELEMENT No. 2</u>				
	<u>CONCRETE SUPERSTRUCTURE</u>				
	<u>Vibrated Reinforced Concrete (1:2:4) In:-</u>				
A.	Superstructure columns	CM	4		
B.	Beams	CM	9		
D	150mm thick ramp.	CM	8		
D	150mm canopy slab.	CM	6		
	<u>REINFORCEMENT: HIGH YIELD STEEL CUT, BEND AS REQUIRED INCLUDING SHORT JOINING LENGTHS TYING WIRE AND SPACER BLOCKS.</u>				
E	Y12 mm in columns.	KG	132		
F	Ditto in beams.	KG	279		
G	Y10 in entrance canopy	KG	235		
H	Y 8mm	KG	333		
	<u>FORMWORK – SAWN CYPRESS</u>				
I	Vertical sides of columns	SM	26		
J	Sides and soffits of beams	SM	96		
K	Edges of ramp slab, 150-225mm girth	LM	66		
Total for Element No. 2 Superstructure carried to Summary					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ELEMENT No.3</u>				
	<u>INTERNAL AND EXTERNAL WALLING</u>				
	<u>DAMP PROOF COURSE</u>				
	<u>Bituminous felt damp proof course</u>				
	<u>190mm thick under all walls with foundations</u>				
A	200mm thick walling	LM	55		
	<u>APPROVED MACHINE CUT KILIFI STONE OR CORAL BLOCK WALLING IN CEMENT: SAND MORTAR (1:3)</u>				
B	200mm thick walling externally	SM	149		
	<u>CONCRETE VENT BLOCKS</u>				
C	Concrete vent block jointed in cement sand mortar.	SM	98		
Total for Element No. 3 (Walling) carried to Summary					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ELEMENT No. 4</u>				
	<u>ROOFING:</u>				
	Timber roof construction (Provisional)				
	<u>Structural timbers,sawn cypress pressure impregnated as described</u>				
	<u>The following in Double pitch Trusses at 1.6m centres including hoisting and fixing in position approx 300mm above ground floor including all necessary</u>				
A	100 x 50mm Truss Rafters		78	LM	
B	150 X 50 mm Ceiling Joists		48	LM	
C	100 x 50 mm Struts/Ties		105	LM	
D	200 x 25mm Splice plates		28	LM	
	<u>Structural timbers,sawn cypress pressure impregnating as described</u>				
E	100 X 50mm Wall plate secured with and including 12mm diameter mild steel anchor bolt 300mm long at 900mm centres cast in concrete ring beam		36	LM	
F	75 x 50mm purlins		210	LM	
	Carried to collection				

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ROOF FINISHES (Cont'd)</u>				
	<u>Roof Covering:-</u>				
	Supply and fix new gauge 26 pre-painted Aluminium Zinc boxed profile IT5 roofing sheets as "MRM" standard or equal and approved include for screws and rubber washers.				
A	26 gauge roof covering not exceeding 45 degrees from horizontal including all necessary fixtures	208	SM		
B	Ditto ridgeboard width 300mm	41	LM		
	<u>Wrot cypress timber selected and kept</u>				
C	200x 25mm Fascia or barge board	89	LM		
D	75 X 25mm thick wrot prime grade cypress eaves timber sluttins in eaves at 100mm centres (measured separately)	70	SM		
E	Extra over ditto for 150 x 150 framed vents with two layers approved mosquito wire gauze netting	5	NO		
	<u>RAIN WATER DISPOSAL</u>				
	<u>26 Gauge galvanised plain sheet metal bent welded joints with and including steel brackets and hangers all accordance with the detailed drawings.</u>				
F	150mm diametre gutter including steel brackets and hangers all in accordance with the detailed drawings	49	LM		
	Carried to collection				

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ROOF FINISHES (Cont'd)</u>				
A	Ditto 100 x 100mm down pipe secured to wall and including steel brackets (6No.pipes)	21	LM		
B	Extra over ditto for swan neck	6	NO		
C	Ditto for shoe	6	No		
D	Extra for gutter connection to down pipe	6	NO		
	COLLECTION				
	<u>COLLECTION</u>				
	<i>Brought forward from page 7</i>				
	<i>Brought forward from page 8</i>				
	<i>Brought forward from page 9</i>				
Total for Element No. 4 (Roofing) carried to Summary					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	ELEMENT 5				
	WINDOWS				
	<u>Wrot Hardwood</u>				
A	150 x 50mm framing fixed to walls	12	LM		
B	150 x 50mm ditto mullion.	6	LM		
C	100x25mm window shutter frame	12	LM		
D	70x15mm timber louvres fixed in groove	64	LM		
	<i>12gauge mesh wire</i>				
E	12 gauge mesh wire on plastic mosquito proofing nailed to window frame (ms) externally.	8	SM		
F	15x45mm hardwood timber beading to mesh wire.	12	LM		
G	16mm diameter mild steelrod horizontal bars cut and fitted into timber frame (holes M.S)	44	LM		
H	P.V.C sheething to burglar proofing bars (M.S.)	44	LM		
	<u>Adjustable Louvre Jamb</u>				
	<u>Supply and fix the following adjustable anodized alluminium louvre jamb as "NACO" complete with 150mm clips and fixings;-</u>				
I	Four blade louvre jamb.	1	PR		
	Carried to collection				

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	Twelve blade louvre jamb.	3	PR		
	<u>Glazing</u>				
B	5mm clear glass louvre blade size 150mm wide with ground set in claps.	3	LM		
C	5mm obscure glass louvre blade size 150mm wide with ground set in claps	44	LM		
	<u>PAINTING</u>				
D	Prime back of wood surface before fixing.	18	LM		
	<u>Knot, prime, stop, and apply three coats of clear varnish on woodwork.</u>				
E	Surface not exceeding 100mm girth frame	76	LM		
F	Ditto surfaces 100-200mm girth	18	LM		
	Carried to collection				
	COLLECTION				
	Balance brought forward from page 10				
	Balance brought forward from page 11 above				
	Total for Element No. 5 (Windows) carried to Summary				

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ELEMENT No. 6</u>				
	DOORS				
	EXTERNAL				
	<u>50mm thick solid panel door, wrot</u>				
A	Door overall size 900 x 2120mm high hardwood single leaf shutter	NO	2		
	<u>FLUSH DOORS INTERNALLY</u>				
B	45mm solid core flush door overall size 850	NO	1		
	<u>Wort Hardwood, camphor:-</u>				
C	150 x 50mm (finished) Twice Rebated	LM	10		
D	Ditto transome	LM	2		
E	Ditto mullion	LM	2		
F	32 X 60mm Architrave	LM	10		
	<u>PERMANENT VENTS</u>				
G	15 x 90mm hardwood timber louvre fixed on rake as permanent vent on top of all doors.	LM	6		
H	Approved plastic mosquito proofing on 12 gauge wire mesh.	SM	2		
I	15 x 45mm hardwood timber beading to mesh wire and glass panel (ms)	LM	2		
J	Rebated mortice 3 lever lock as "Union" or other approved.	NO	2		
	Carried to collection				

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	100mm Heavy Duty pressed brass coated butt hinges.	PRS	3		
B	38mm diameter rubber door stop fixed to floor with rawl bolt.	NO	2		
	Sundries				
C	200 x 25 x 3mm mild steel door fixing cramp once bend and twice drilled one end built into blockwork and other end screwed to wood.	NO	16		
	Painting				
D	Prime back of wood before fixing. Knot,prime,stop and apply two undercoats and one finishing coat of gloss oil paint on woodwork:-	LM	14		
	<u>Externally</u>				
E	General surfaces.	SM	10		
F	Surfaces not exceeding 150mm	LM	15		
	<u>Internally</u>				
G	General surfaces	SM	10		
Carried to collection					
<u>COLLECTION</u>					
Balance brought forward from page 12					
Balance brought forward from page 13 above					
Total for Element No. 6 (Doors) carried to Summary					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ELEMENT No. 7</u>				
	<u>FINISHES</u>				
	<u>External Finishes</u>				
A	20mm thick cement and sand (1:5) wood float Render to walls.	SM	221		
	<u>Prepare and Apply Three Coats First Grade Plastic Emulsion Paint onto.</u>				
B	Rendered walls	SM	221		
	<u>Internal Finishes</u>				
	<u>Wall Finishes</u>				
C	20mm thick cement and sand (1:5) plaster steel trowelled smooth to walls.	SM	221		
D	200 x 250 x 8mm ceramic wall tiles as 'SAJ' or equal and approved ceramic wall tiles.	SM	120		
	<u>Prepare and Apply Three Coats First Grade Plastic Emulsion Paint onto:-</u>				
D	Plastered walls	SM	221		
	<u>Knot, Prime, Stop, and Apply two undercoats and one finishing coat gloss oil paint on to ;-. </u>				
E	Plastered walls	SM	221		
	<u>Cement and sand (1:4) paving wood floated on concrete to:-</u>				
F	25mm floors.	SM	151		
G	20mm skirting 100mm high with square top edge and curved angle at junction with floor.	LM	74		
Carried to Collection					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	500 x 500 x 10mm thick ceramic tiles as 'SAJ' or equal and approved ceramic floor tiles.	SM	30		
B	100 x 200mm ditto skirting	LM	24		
CEILING FINISHES					
C	12mm thick gypsum ceiling nailed to timber branderling (MS)	SM	30		
D	Extra over ceiling board for trap door, size 600 x 600mm	NO	1		
E	75 X 50mm sawn treated cypress branderling plugged	LM	24		
F	50 x 50mm ditto nailed at 600mm grids	LM	221		
G	40 x 25mm moulded wrot cypress beading at joints	LM	42		
H	75 x 50mm ditto cornice plugged	LM	30		
M	Prepare and apply three coats of first quality distemper ceiling board	SM	30		
N	Ditto on cover strips and cornice not exceeding 100mm girth	LM	42		
Carried to Collection					
Balance brought forward from page 14					
Balance brought forward from page 15 above					
Total for Element No. 7 (Finishes) carried to Summary					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SUMMARY				
1	Substrucures from page 4				
2	Superstructure from page 5				
3	Walling from page 6				
4	Roofing from page 7				
5	Windows from page 11				
6	Doors from page 13				
5	Finishes from page 15				
TOTAL CARRIED TO GRAND SUMMARY					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<p><u>FIRE FIGHTING AND PROTECTION SERVICES</u></p>					
<p><u>Portable fire extinguisher</u></p>					
A	9kg cartridge type general purpose portable dry powder fire extinguisher fully charged r equal and approved	NO	1		
B	Ditto 4.5kg Co2	NO	1		
C	9 litre WCo2 ditto	NO	1		
Total carried to Component Summary					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>WATER RETICULATION (ALL PROVISIONAL)</u>				
	<u>Excavation</u>				
A	Excavate trench for water mains approx depth 500mm part backfill, ram and cart away remainder	50	LM		
	<u>Plumbing</u>				
B	High grade 25mm diameter (PPR) tubing including laying and jointing in trench from main supply line to buildings	20	LM		
C	Ditto 32mm	30	LM		
	<u>EXTRA OVER TUBING FOR</u>				
D	25mm (P.P.R) plain socket	5	NO		
E	32mm ditto	8	NO		
F	32x32x25mm (G.I) reducing tee	1	NO		
G	25mm diameter (P.P.R) bend	2	NO		
	<u>Supply Mains Isolating Valves</u>				
H	32mm full way gate valve as PEGLAR or equal and approved	1	NO		
	<u>Water connections and testing</u>				
I	32 X 32X 25mm (G.I) reducing tee	1	NO		
J	Allow for testing the water supply and water reticulation system to leave in sound working order and to the satisfaction of the project manager	1	ITEM		
	<u>Valve pit</u>				
K	Construct valve pit size 225 x 225 x 500mm, with 100mm concrete block rendered all around cement and sand (1:4) including hinged iron cover and frame in grease.	1	NO		
Total carried to Component Summary					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	COMPONENT SUMMARY (MECHANICAL WORKS)				
1	Fire Fighting from page 17				
2	Water reticulation from page 18				
TOTAL CARRIED TO GRAND SUMMARY					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>Supply Install, Test and Commission Following:-</u>				
	<u>LIGHTING POINTS</u>				
A	Lighting points wired in 3 x 1.5mm ² PVC/SC copper cables drawn in concealed 20mm diameter heavy gauge PVC conduit complete with all necessary accessories excluding switches and fittings for				
	(a) One way switching	NO	3		
B	10A moulded ivory type switch plates as Crabtree or approved equivalent as follows				
	(a) One gang one way	NO	1		
	(b) Two gang one way	NO	3		
	<u>LIGHTING FITTINGS</u>				
C	Lighting fittings complete with all the necessary fixing materials and rated lamps as follows				
	(i) 1200mm 1 x 36W Flourescent batten fitting of slim crossection with clip-on cover plate and adjustable end cap system.As Thorn popular Pack Batten	NO	8		
	(ii) Spherical ball fitting complete with energy saving lamps as Thorn or approved equivalent	NO	2		
	(iii) 100w tungsten bulkhead fitting as Astra italy complete with energy saver lamp	NO	3		
TOTAL CARRIED TO COLLECTION					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SOCKET OUTLET AND POWER POINTS				
A	Socket outlets points comprising wiring in 3 x 2.5mm ² PVC-SC-CU cables in concealed 20mm diameter PVC conduits	NO	5		
B	13A2-gang switched moulded socket outlet plate as Crabtree or approved equivalent	NO	5		
C	As item A (i) above but for ceiling fan	NO	1		
D	1400mm-3-Arm ceiling fan (psp) as orient	NO	1		
E	M10 ceiling fan hook	NO	1		
	<u>CONSUMER UNITS/DISTRIBUTION BOARDS</u>				
F	6-Way SP/N consumer unit as flush mounted complete with a 100A SP/N	NO	1		
G	Single pole miniature circuit breakers to fit into the above consumer unit as follows:-				
	(i) 10A SP	NO	3		
	(ii) 30A SP	NO	1		
	(iii) Blanking plate	NO	2		
	SUB MAINS CABLES				
H	3 x 16.0 sq mm single-copper cables drawn	LM	20		
I	63A SP Switchfuse	NO	1		
J	Electrical earthing comprising 6.0mm ² single-core cables drawn inside HG conduits, 1500mm by 15mm diameter copper electrode complete with clamp and a pre-cat concrete inspection pit with cover .	ITEM	1		
TOTAL CARRIED TO COLLECTION					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>COMPONENT SUMMARY (ELECTRICAL WORKS)</u>				
1	Brought forward from page 20				
2	Brought forward from page 21				
TOTAL CARRIED TO GRAND SUMMARY PAGE					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>SOAK PIT SIZE 1.6M DIAMETER INTERNAL BY 6M DEEP</u>				
	Excavation				
A	Excavate pit not exceeding 1.5m deep	CM	3		
B	Ditto exceeding 1.5m but not exceeding 3.0m deep	CM	3		
C	Ditto exceeding 3.0m but not exceeding 4.5 deep	CM	3		
D	Ditto exceeding 4.5m but not exceeding 6.0m deep	CM	3		
I	Extra over excavation for excavating in rock	CM	20		
	<u>Disposal</u>				
J	Cart away surplus excavated material from site	CM	42		
K	Allow for keeping excavation free from water	ITEM	1		
	Formwork				
L	Provide for planking and strutting sides of excavations	ITEM	1		
M	Formwork to soffits of suspended concrete slab	SM	3		
	Reinforced concrete 1:2:4,as described				
N	150mm cover slab and strip foundation	SM	2		
	<u>Reinforcement</u>				
O	10mm diameter mild steel reinforced bars	KG	9		
P	12mm diameter ditto	KG	41		
Q	8mm diameter ditto	KG	23		
TOTAL CARRIED TO COLLECTION					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Walling				
A	200mm thick machine cut grade one coral stone walling in sulphate resistant water proof cement and sand (1:3) mortar	SM	38		
	Cover to inspection chamber's				
B	600 x 450 heavy duty cast iron manhole cover and frame.	NO	1		
	Rendering				
C	15mm thick cement and sand (1:3) mortar rendering to plinth walling	SM	3		
	Floor finish				
D	15mm thick cement and sand (1:3) mortar to floor surface of cover concrete slab	SM	3		
	Testing				
E	Allow for testing of the whole of the plumbing and drainage installation to the entire satisfaction of the Architect and local authority and making good any defective work	ITEM	1		
Carried to Collection Below					
COLLECTION Brought forward from page 23 Brought down from page 24 above					
TOTAL CARRIED TO GRAND SUMMARY PAGE					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	MECHANICAL WORKS				
	ELEMENT 1				
	INTERNAL PLUMBING				
	Supply, deliver and install pipes, tubing and fittings as described and shown on the drawings. The pipes shall be PN 25 PPR pipes where exposed to adverse weather conditions and all conforming to the current European standards for PPR installations and to the Engineers Approval, Pipe jointing shall be by polyfusion or sue electric coupling, rates must allow for all metal/plastic threaded adaptors where required for the connection of sanitary fixtures, valves, sockets sliding and fixed joints support raceways, isolating sheaths, elastic materials, expansion arms and bends cross overs, coupling, clippings, connectors, joints etc, as required in the running legths of pipe work and also where necessary for pipe fixing clips, holder bats plugged and screwed for the proper and satisfactory functioning of the system. The pipes will be pressure tested before the plastering of wall commences and as per the manufactures recommended testina nressures				
	PPR Pipes				
A	20mm diameter pipework in wall chase	LM	10		
B	25mm ditto	LM	15		
	Bends				
C	20mm diameter bends	NO	4		
D	25mm ditto	NO	4		
TOTAL CARRIED TO COLLECTION					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Tees				
A	25mm equal tees	2	NO		
B	20mm ditto	2	NO		
	Reducers and Couplings				
C	25 x 20mm diameter reducer	2	NO		
D	20mm straight coupling/socket	2	NO		
E	25mm ditto	3	NO		
	Threaded Fittings				
F	20mm male/female threaded 90	4	NO		
G	25mm ditto	2	NO		
H	25mm union	2	NO		
	Valves				
I	25mm diameter approved medium pressure screw down full way non-rising stem wedge gate valve to BS 5154 PN 20 for series B rating,with wheel and head jopints to steel tubing and complete with round male threaded transion fittings.The gate valve to be as PEGLER or approved equivalent	2	NO		
TOTAL CARRIED TO COLLECTION					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	<p>Water Storage Tank</p> <p>Supply deliver and install vertical close and plastic moulded tank of capacity 5000 litres and diameter 2300 x 1530mm high.The tank to be assembled complete with cover and having screwed connections for inlet,outlet and overflow,32mm medium pressure ball valve,drain pipes and any other necessary item for its proper functioning the tanks shall be mounted on a flat roof slab and shall be as ROTO model or equal and approved</p>	1	NO		
CARRIED TO COLLECTION					
<p>COLLECTION</p> <p>Brought forward from page 25</p> <p>Brought forward from page 26</p> <p>Brought forward from page 27 above</p>					
TOTAL CARRIED TO SUMMARY					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	ELEMENT NO.2				
	SANITARY FITTINGS (i) All sanitary fittings shall be in approved colour (ii) The model and Ref.No.indicated is only a guide to the type and quality of fittings (iii) Equivalent and approved models may be acceptable.				
	<u>Water Closet Suite</u>				
A	Low level water closet suite in approved colour comprising of W.C.bowl, 'P' or 'S' trap connector heavy duty matching plastic seat and cover with metal top fixed to (chrome plated)hinges and secured to floor or wall and complete with horizontal outlet to BS 3402 with 9 litre valveless ceramic cistern and fittings including siphon,15mm diameter side inlet ball valves,20mm diameter side overflow,plastic flush bend,inlet connection,and chrome plated lever.As Twyfords classic or approved equivalent	2	NO		
	<u>Wash Hand Basin (WHB)</u>				
B	406mm diameter stainless steel sink complete with fittings.	2	NO		
	<u>Toilet Roll Holder</u>				
C	Semi recessed toilet roll holder in Vitreous China of size 165 x 165mm in approved colour as Twyfords 9806WH or equal and approved.	2	NO		
	<u>Mirrors</u>				
D	6mm thick polished plate glass silver backed mirror with bevelled edges,size 610 x 610mm,plugged and screwed to wall with 4No.chrome plated dome screws	2	NO		
TOTAL CARRIED TO COLLECTION					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	<p>Soap dispenser</p> <p>Wall mounted soap dispenser with a capacity of about 1.0 litre having a pressaction soap release mechanism complete with fixing screws,including allowing for initial soap supply as starmix or approved equivalent.The soap dispenser shall be of size 125 x 100 x 290mm high</p>	2	NO		
B	<p>Towel Rail</p> <p>Chrome plated 20mm diameter x 800mm long approved towel rail and barckets as one piece,plugged and screwed into the wall.The fitting ball shall be as Twyfords or equal and approved</p>	2	NO		
TOTAL CARRIED TO COLLECTION					
<p>COLLECTION</p> <p>Balance brought forward from page 28</p> <p>Balance brought forward from page 29 above</p>					
TOTAL CARRIED TO SUMMARY					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	ELEMENT NO.3				
	FOUL DRAINAGE				
	Key Terrain High Grade Golden brown and grey UPVC soil and waste pipe and jointing in accordance with manufacture's instruction				
	INTERNAL				
A	32mm UPVC waste pipe in wall chase	18	LM		
B	32mm UPVC tee and access cap	2	NO		
C	100 x50mm floor trap and grating	2	NO		
	EXTERNAL (ALL PROVISIONAL)				
D	100mm soil vent pipe with expansion	5	LM		
E	100mm vent cowl	1	NO		
F	100mm diameter waste pipe in soil	15	LM		
	Extra over piping for				
G	32mm access tee and cap	1	NO		
H	100mm inspction bend and acces cap	1	NO		
I	100mm WC connector	2	NO		
J	32mm bend/Elbow	2	NO		
K	100mm diameter cast iron gulley trap	1	NO		
TOTAL CARRIED TO SUMMARY					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	ELEMENT NO.4				
	<u>BUILDER'S WORK IN CONNECTION WITH PLUMBING AND DRAINAGE</u>				
A	Construct gully trap size 200 x 200mm, approx depth 300mm, complete with seal and concrete cover, including all disposal	NO	4		
B	Ditto manhole to M.O.P.W specifications size 800 x 600mm average depth 750	NO	4		
C	Supply and fix medium duty iron manhole cover and frame size 600 x 450mm	NO	4		
D	Excavate trench not exceeding 1.5m deep, average depth 600mm for laying of drain pipes as ealier described, part back fill, part load and cart away remainder	LM	18		
E	Form chase in 200mm coral block wall to receive necessary pipe work and make good disturbed areas	LM	6		
F	Make a hole through 100mm coral block wall for small pipe and make good	NO	2		
G	Ditto 200mm	NO	2		
TOTAL CARRIED TO SUMMARY					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SUMMARY (MECHANICAL WORKS)				
	Balance brought forward from page 27				
	Balance brought forward from page 29				
	Balance brought forward from page 30				
	Balance brought forward from page 31				
FOR MECHANICAL WORKS CARRIED TO GRAND SUMMARY					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	PROVISIONAL SUMS				
A	Provide a Provisional Sum of Kenya Shillings One Hundred Thousand only for NEMA, NCA Compliance and other Statutory fees.	SUM			
B	Provide a Provisional Sum of Kenya Shillings Two Hundred Thousand only for Contingencies.	SUM			
Total for Provisional Sums carried to Grand Summary					

PROPOSED FIRE STATION SHED AND OFFICE IN AMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>GRAND SUMMARY</u>				
A	Preliminaries				
B	Builder's works from page 16				
C	Fire fighting & Water Reticulation from page 19				
D	Electrical works from page 22				
E	Soak pit from page 24				
F	Mechanical Works from page 32				
E	Provisional Sums from page ATDC/18				
	SUB TOTAL				
	ADD 16% VAT				
GRAND TOTAL CARRIED TO FORM OF TENDER					

Name of Contractor.....

Address.....

Date.....

Name of Witness.....

Address.....

Date.....