

PROPOSED KEMRI CPHR GARAGE RENOVATIONS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DEMOLITIONS</u> <u>All provisional</u>				
A	Carefully demolish the roofing to the garage building and cart away as directed		ITEM		
B	Carefully demolish existing doors, windows and shelving to approval and cart away		ITEM		
	<u>SUBSTRUCTURES (Extension)</u> <u>All provisional</u> <u>Excavations</u>				
C	Carefully remove existing paving slabs (approx 10sqm) and set them aside for re-use		ITEM		
D	Excavate existing concrete surface to depth not exceeding 1m and cart away as directed	11	CM		
E	Excavate trenches in concrete for strip foundation not exceeding 1.5metres to reduced level	17	CM		
	<u>Filling and carting away</u>				
F	Backfill and ram with approved murrum around excavations	18	CM		
G	Hardcore filling in making up levels, exceeding 300mm thick in layers of 150mm maximum thickness.	6	CM		
H	50 mm selected fine material to hardcore surfaces, well rolled and leveled to receive concrete	8	SM		
I	Apply "Termidor" or any other similar and approved anti termite chemical treatment on blinded surfaces.	8	SM		
J	500 gauge polythene sheeting with sides and end laps laid on blinded surfaces	8	SM		
	<u>Plain concrete (1:4:8) in</u>				
K	50mm Thick blinding to strip foundation	11	SM		
	Carried to Collection				

PROPOSED KEMRI CPHR GARAGE RENOVATIONS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUBSTRUCTURES-(CONTINUED)</u>				
	<u>Vibrated reinforced concrete grade 20/20 (1:2:4) in:</u>				
A	Strip footing	3	CM		
	<u>Sawn formwork to:</u>				
B	Sides of strip footing	40	SM		
C	Edges of floor bed 75 - 150mm high	12	LM		
	<u>Steel fabric mesh reinforcement to B.S. 4483</u>				
D	No. A 142 fabric weighing 2.22Kg/sm fixed in bed	7	SM		
	Reinforcements				
	<u>Bars; high yield steel; cold worked to B.S. 4461 including bends, hooks, tying wire and distance blocks</u>				
E	12mm Ditto	80	KG		
F	8mm Ditto	105	KG		
	<u>Natural stone walling in cement and sand (1:3) mortar and including reinforcing with 20 x 3mm thick hoop iron in every alternate course.</u>				
G	200mm Thick walling	31	SM		
	<u>Plinths</u>				
H	12mm thick cement and sand (1:3) render to plinths	8	SM		
I	Prepare and apply three coats bituminous paint to rendered plinths	8	SM		
J	Allow for keeping the whole of the excavations free from all water; include for draining or other wise keeping all works free from water as necessary over the entire contract period		ITEM		
K	Allow for maintaining and upholding sides of excavations and keeping excavations clear of all fallen materials, rubbish etc		ITEM		
	Carried to Collection				

PROPOSED KEMRI CPHR GARAGE RENOVATIONS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>REINFORCED CONCRETE SUPERSTRUCTURE</u> <u>All provisional (including garage)</u>				
	<u>Vibrated reinforced concrete grade 20/20 (1:2:4) in:</u>				
A	Beams	17	CM		
	<u>Sawn formwork to:</u>				
B	Sides and soffites of beams	98	SM		
	<u>Reinforcements</u>				
	<u>Bars; high yield steel; cold worked to B.S. 4461</u> <u>including bends, hooks, tying wire and distance</u> <u>blocks</u>				
C	12mm Ditto	654	KG		
D	8mm Ditto	851	KG		
	<u>WALLING</u>				
E	200 mm wide approved quality 3-ply bituminous felt damp proof course under walls	20	LM		
	<u>Smooth chisel dressed natural stone walling in</u> <u>cement and sand (1:4) mortar reinforced with and</u> <u>including 25 x 3mm thick hoop iron in every</u> <u>alternate course</u>				
F	200mm Thick walling	62	SM		
C	Approved clay louvered blocks	3	SM		
	<u>Permanent ventilation</u>				
D	Pair of permanent ventilation size 225 x 225 x 25mm thick fixed with and including mosquito wire gauze	8	NO		
E	Eave filling to 200mm thick wall extreme height 300mm	36	LM		
F	200mm dia mild steel sections fixed to concrete surface as columns	15	LM		
	Carried to Collection				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ROOFING</u>				
A	<u>Factory painted gauge 26 IT5 roofing sheets</u> Roof covering; fixed to timber purlins.	275	SM		
B	Translucent roofing sheets	60	SM		
	<u>(All timber work is provisional)</u>				
	<u>The following in pressure impregnated first grade cypress timber</u>				
C	200 X50mm ridge and hips	26	LM		
D	150 x 50mm Rafters	212	LM		
E	100 X 50mm struts	31	LM		
F	Ditto purlins	573	LM		
G	100 x 50 mm wall plate bolted to wall with and including 12mm diameter bolts 60mm long at 1000mm centres	64	LM		
H	9mm thick gypsum ceiling boards fixed to brandering including eaves	251	SM		
I	75mm cornice	93	LM		
	<u>Fascia Board</u>				
J	225 x 25 mm thick wrot cypress fascia /barge boards fixed to end of rafters (m/s)	67	LM		
	Carried to Collection				

PROPOSED KEMRI CPHR GARAGE RENOVATIONS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Rain water goods</u>				
	<u>Gutters</u>				
A	150 x 100mm galvanized iron gutter gauge 24 fixed to fascia boards (m/s) with and including approved steel brackets at 1000mm centres	67	LM		
B	Extra over gutter for stopped ends	4	NO		
C	Ditto but for 100 mm diameter outlet	4	NO		
	<u>Downpipe</u>				
D	100 mm diameter galvanised iron downpipe gauge 24 fixed to wall with and including holder butts at 1000mm centres	12	LM		
E	Extra over downpipe for swanneck 1200mm long	4	NO		
F	Ditto horse shoe 300 mm long	4	NO		
	<u>Decoration and painting</u>				
	<u>Prepare and apply three coats gloss oil paint to:</u>				
G	General surfaces of metal gutters	34	SM		
H	Surfaces of large pipes	7	SM		
	Carried to Collection				

PROPOSED KEMRI CPHR GARAGE RENOVATIONS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS</u>				
	<u>Mild steel Doors</u>				
A	3000 x 2800mm high mild steel double louvre door complete with 100 x 50 x 3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primed with red oxide primer before delivery to the site including three lever mortice lock as per 'Union' Ref 2277 or other equal and approved manufacturer	3	NO		
	<u>Flush doors as B.S 459 part 2</u>				
B	45mm thick Solid core flush door faced both sides with 6 mm interior quality plywood ready for painting and hardwood lipped all round size 900 x 2100mm high	6	NO		
	<u>Wrot Mahogany or other equal and approved</u>				
	<u>:-</u>				
C	200mm x 50mm Frame with two labours plugged	12	LM		
D	45 x 38mm architrave	12	LM		
E	25mm diameter quadrant	12	LM		
	<u>Supply and fix the following ironmongery with screws to match.</u>				
F	3 Lever mortice lock and set furniture Ref.Union 2295.	5	NO.		
G	100mm Brass butts hinges	15	PRS		
H	40mm Diameter rubber door stops	8	NO.		
	Carried to Collection				

PROPOSED KEMRI CPHR GARAGE RENOVATIONS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Painting</u>				
A	Prepare and apply three coats wood preservative primer to backs of timber frame not exceeding 100mm girth	24	LM		
	<u>Knot, prime, prepare and apply three coats gloss oil paint to:</u>				
B	General surfaces of timber	11	SM		
C	Surfaces between 200mm to 300mm girth	12	LM		
D	Ditto not exceeding 100mm girth	24	LM		
	<u>Prepare and apply three coats polyurethane varnish to:</u>				
E	General surfaces of metal	24	SM		
F	Surfaces between 200mm to 300mm girth	12	LM		
G	Ditto not exceeding 100mm girth	24	LM		
	Carried to Collection				

PROPOSED KEMRI CPHR GARAGE RENOVATIONS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>WINDOWS</u>				
A	250 x 25mm Precast concrete window cill bedded and jointed with cement and sand (1:3) mortar	12	LM		
	<u>Supply, assemble and fix the following mild steel windows and frames complete with approved metal grill, 6mm thick obscured sheet glass windows and fixing to and glazed in matching beads including 75x25x3mm thick framing and all joints filled with silicon and complete with accessories and ironmongery.</u>				
B	Window overal size 2400 x 1800mm high	3	NO		
C	Window overal size 1200 x 1800mm high	1	NO		
D	Window overal size 900 x 1500mm high	2	NO		
	<u>6mm Thick clear glass and glazing fixed with and including putty to steel windows</u>				
E	Panes 0.1 - 0.5 square metres	16	SM		
	<u>Prepare and apply three coats gloss oil paint to surfaces of metal</u>				
F	Glazed surfaces; both sides (measured gross)	28	SM		
G	Ditto grilled surfaces; both sides (measured gross)	28	SM		
	Carried to Collection				

PROPOSED KEMRI CPHR GARAGE RENOVATIONS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>EXTERNAL FINISHES</u>				
	<u>Walls</u>				
A	Extra over walling for smooth chisel dressing with flush pointed vertical joints and recessed horizontal joints	45	SM		
	<u>12mm thick gauged lime (1:2:9) plaster to :</u>				
B	Beams	27	SM		
	<u>Prepare and apply 3 coats of plastic emulsion paint to plasterd walls</u>				
C	Plastered surfaces of beams	27	SM		
	<u>INTERNAL FINISHES</u>				
	<u>FLOORS</u>				
	<u>Cement and sand (1:4) backing</u>				
D	15 mm thick to receive ceramic floor tiles	53	SM		
	<u>Non-slip ceramic floor tiles as 'Saj Ceramics' or other equal and approved jointed and pointed with matching cement sand (1:4) mortar: colour quality and pattern to the Project Manager's scheme in;</u>				
E	300 x 300 x 8mm thick ceramic floor tiles fixed with an approved adhesive on prepared screed(m/s)	59	SM		
F	ditto skirting	52	LM		
G	Terazzo flooring including grinding to approval	59	SM		
H	ditto skirting	52	LM		
	<u>Cement and sand (1:4) backing</u>				
I	15 mm thick to receive wall tiles	40	SM		
	<u>Ceramic tiles bedding and jointing in cement and sand (1:3) mortar and flush pointed with white cement:</u>				
J	150 x 150 x 6mm Thick tiles	40	SM		
	<u>Plaster</u>				
K	12mm Thick to wall surfaces	100	SM		
	<u>Prepare and apply three coats first grade plastic emulsion paint to:</u>				
L	Plastered walls	258	SM		
	<u>Carried to Collection</u>				

PROPOSED KEMRI CPHR GARAGE RENOVATIONS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>COLLECTION</u>				
	FROM PAGE 1				
	FROM PAGE 2				
	FROM PAGE 3				
	FROM PAGE 4				
	FROM PAGE 5				
	FROM PAGE 6				
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	FROM PAGE 9				
	Total carried to summary				