

BILL OF QUANTITIES

CEYLON PETROLEUM CORPORATION

JOB: REPAIR WORK OF HOUSE AT HOUSING SCHEME , RADDOLUGAMA. (10B - 2R , 2L)

B.O.Q. No. 2020 / RADD / 04

ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
	<p>Note Quantities are given for 02 Nos. Houses (House No. 10B - 2R , 2L)</p> <p><u>A . DEMOLISH WORK</u></p>				
A1	Remove existing 6" thick brick wall with door and window in ground floor front wall (10' 0" x 9' 0"high) and remove from site to a place provided by the contractor .Rate to include transport.	2.0	Item		
A2	Remove existing 6" thick brick wall with door and window in ground floor rear wall (8'0" x 10'0"high) and remove from site to a place provided by the contractor .Rate to include transport.	2.0	Item		
A3	Remove existing roof with timber frame work and valance board in front roof (10' 0" x 6' 7"high) and remove from site to a place provided by the contractor .Rate to include transport.	2.0	Item		
A4	Remove existing roof with timber frame work in pantry roof (12' 0" x 9' 6"high) and remove from site to a place provided by the contractor .Rate to include transport.	2.0	Item		
A5	Remove existing 6" thick brick wall with window in upper floor front wall (5'0" x 8'0"high) and remove from site to a place provided by the contractor .Rate to include transport.	2.0	Item		
A6	Demolish existing cement rendered floor (8' 0" x 12' 0" and 5'0" x 12' 0") and remove debris from site to a place provided by the contractor .Rate to include transport.	400.0	Sqft		
A7	Demolish existing pantry top concrete (7' 0" x 1' 7") , (2' 0" x 1'.6") and chimney and remove debris from site to a place provided by the contractor .Rate to include transport.	2.0	Item		

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
A8	Remove existing all fittings in bath rooms (01 No Squating pan , bib tap , shower rose and other necessary fittings and pipe lines and 02 nos door etc) and cement rendered floor and walls in ground floor (Bathroom size 3' 6" x 10' 0") and remove debris from site to a place provided by the contractor .Rate to include transport.	2.0	item		
A9	Demolish and remove existing 4 1/2" thick upper floor concrete slab (12' 0" x 1' 6") and remove from site to a place provided by the contractor. Rate to include transport.	36.0	Sqft		
A10	Removing existing Electrical wiring with fitting (as shown in drawing) and remove debris from site to a place provided by the contractor.	2.0	item		
A11	Remove existing timber doors and windows (as directed) and remove from site to a place provided by the contractor.(Approx . 150Sqft)	2.0	item		
TOTAL DEMOLISH WORK CARRIED TO SUMMARY				Rs	
<u>B . EARTH WORK</u>					
B1	Excavation for wall foundation depth not exceeding 3' 0" from finished ground level in front and rear walls	3.0	Cu		
B2	Supply, filling and compacting imported soil in layers not exceeding 150mm at any time watered well rammed and consolidated	3.0	Cu		
TOTAL EARTH WORK CARRIED TO SUMMARY				Rs	
<u>C. MASONRY WORK</u>					
C1	Rubble masonry in cement sand mix 1:5 in trench foundation front and rear walls	3.0	Cu		
C2	9" thick brick work in cement sand mix 1:5 in front and rear walls.	3.2	Sqrs		
C3	- Ditto - upper floor walls	2.2	Sqrs		
C4	- Ditto - raise existing upper floor walls	0.5	Sqrs		

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
C5	4 1/2" thick brick work in cement sand mix 1:5 (If necessary)	2.0	Sqrs		
TOTAL MASONRY WORK CARRIED TO SUMMARY				Rs	
<u>D. CONCRETE WORK</u>					
D1	75mm thick 1:3:6 (25mm aggregate) - Grade -15 concrete in all floor area including pavement.	15.0	Sqrs		
D2	225mmx150mm cement concrete lintol in 1:2:4(20mm) concrete, reinforced with 2nos 12mm tor bars with 6mm M.S. stirrups at 150 crs. Rate to include R/f and F/w .	54.0	Lft		
D3	110mmx150mm cement concrete lintol in 1:2:4(20mm) concrete, reinforced with 2nos 12mm tor bars with 6mm M.S. stirrups at 150 crs. Rate to include R/f and F/w .	24.0	Lft		
D4	Cement concrete 1 : 2 : 4 (20mm aggregate) - Grade -20 (if necessary)	60.0	Cu ft		
D5	3' 0" x 3' 0" x 8" thick Column base in 1:2:4 (3/4") concrete reinforced with 12mm tor steel 8" centers , both ways and necessary formwork . Rate to include R/F and F/W.	30.0	Cu ft		
D6	9" x 9" concrete column in 1 :2 :4 (3/4") concrete reinforced with 4 nos 12mm tor steel and 6mm strupps at 6" centers . Rate to include form work and reinforcement.	32.0	Cu ft		
D7	9" x 9" concrete beams in 1 :2 :4 (3/4") concrete reinforced with 4 nos 12mm tor steel and 6mm strupps at 6" centers . Rate to include form work , reinforcement and chemical anchoring to existing slab / beam.	24.0	Cu ft		
D8	Supply and laying of 5 1/2" thick 1: 2: 4 concrete 1st floor slab reinforced with 10mm dia tor steel 8" c/c , b/w . Rate to include formwork and chemical anchoring to existing slab .	2.0	Sqrs		
TOTAL CONCRETE WORK CARRIED TO SUMMARY				Rs	

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
	<u>E. DOORS AND WINDOWS</u>				
	<u>Doors</u>				
	<u>Note</u>				
	1. All timber members are special class (jack or equivalent)				
	2. All Aluminium doors and windows shall be made of standered Aluminium extrusions (Alumex or equivalent) Door section should be 75mm and window frames should be 42mm.				
	3. All Aluminium Doors and Windows extrusions shall be powder coated and of approved colour , Total thickness of 60 - 80 microns.				
E1	Supply and fixing of timber door (sized 3' 6" x 8' 0") 1 1/4" thick timber sash fit pannel door with 4" x 3" frame (door sash 3' 6" x 6' 9" and 1' 0" high louvers) as per detail drawing. Rate to include necessary fittings including Door handle, door lock of approved make and quality, stainless steel hinges and barrol bolt etc , prepare surface and applying one coat of primer and two coats of approved water base paint to door sash and frame . as approved by the Engineer. (Main door).	56.0	Sq ft		
E2	Supply and fixing of timber door "D4" (size 2' 9" x 6' 9") 1 1/4" thick timber sash fit pannel door with 4" x 3" frame as per detail drawing. Rate to include necessary fittings including Door handle, door lock of approved make and quality, stainless steel hinges and barrol bolt etc , prepare surface and applying one coat of primer and two coats of approved water base paint to door sash and frame . as approved by the Engineer. (01 Nos) (rear door)	38.0	Sq ft		
E3	Removing existing plywood door sash and supply and fixing new (sized 2' 9" x 6' 9") plywood door sash at pantry entrance . Rate to include necessary fittings including door handle,door lock of approved make and quality, stainless steel hinges and barrol bolt , applying one coats of primer and two coats of enamel paints to door sash and frame etc. as approved by the Engineer. (02 no)	76.0	Sq ft		
	<u>Aluminium Door and window</u>				

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
E4	Window type "DW" overall size 5' 0" x 7' 0" high Aluminium framed glazed swing door window with louvers above and all as per detailed drawing . Rate to include necessary fittings including Stainless steel hinges and barrel bolt etc. as approved by the Engineer. (01 No -Upper floor front door window)	70.0	Sq ft		
E5	Window type W3 overall size 4' 9" x 5' 9" high Aluminium framed glazed door with louvers above and all as per detailed drawing . Rate to include necessary fittings including Stainless steel hinges and barrel bolt etc. as approved by the Engineer. (01 No - Ground floor front window)	56.0	Sq ft		
E6	- Ditto - " W4" Rear window (window sized 4' 0" x 4' 6")	36.0	Sq ft		
E7	- Ditto - " W4" upper floor Rear window (window sized 4' 6" x 5' 0")	45.0	Sq ft		
E8	- Ditto - Front fixed glazed window with louvers above (size 3' 6" x 4' 0")	28.0	Sq ft		
E9	Supply and fixing of (size 2' 4" x 6' 6") Aluminium framed door with sash bottom part aluminium cladding and upper part pin head glazed as approved by the Engineer in ground floor bath room . Rate to include necessary fittings including door handle, door lock of approved make and quality, hinges and barrel bolt etc. (01 Nos)	32.0	Sq ft		
E10	Supply and fixing of Aluminium framed louvers fanlight (size 2' 0" x 1' 0") , all as per detailed drawing and including all necessary fittings.	6.0	Sq ft		
E11	Removing existing door lock and supply and fixing new bird lock . (quality to be approved by the Engineer)	2.0	Nos		
	<u>Aluminium Expanded mesh</u>				

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
E12	Supply and fixing of powder coated Aluminium Expanded mesh (size 50mm x 50mm) with aluminium frame as per detail drawing and sample to be approved by Engineer..	170.0	Sqft		
TOTAL DOOR AND WINDOW WORK CARRIED TO SUMMARY				Rs	
<u>F . ROOFING WORK</u>					
<u>Note</u>					
* All timber members are applying one coats of an approved wood preservative before fixing					
* All timber members are special class (jack or equivalent)					
F1	Removing and cleaning half round tiles on asbestos roofing sheets in existing roof as instructed by the Engineer (approx area 2.5 Sqrs).	2.00	Item		
F2	Removing existing Asbestos roof covering with timber frame (roofing sheets and timber to be removed carefully to refix) in upper floor roof and remove from site to a place provided by the contractor .	4.00	Sqrs		
F3	Fixing removed Asbestos roofing sheet and timber frame work. The sheets to be fixed with 9" end lap and half corrugation side laps. Additional timber supplied will be measured separately.	4.00	Sqrs		
F4	Supply and laying of Corrugated Asbestos roofing sheet on timber frame work. Including 3" x 4" wall plate , 4" x 2" rafters , 2" x2"purlins class one sawn timber as directed by the Engineer in pantry roof . The sheets to be fixed with 9" end lap and half corrugation side laps.	4.00	Sqrs		
F5	Extend existing roof by 8' 6" as per the detail drawing . The extention shall Consists of 3" x 4" wall plate , 2" x 4" rafters and 2" x 2" purlins with asbestos roof covering. (upper floor roof)	2.20	Sqrs		
F6	Remove existing valance board and supply and fixing 9" x 1" timber valance board (Ginisapu timber or approved equivalent). Rate to include one coat of wood primer and two coats of enamel paint.	96.0	Lft		

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
F7	Supply and laying of Asbestos roofing sheet on existing timber frame work using "j" bolt , washers etc.	167.0	Sq ft		
F8	Supply and fixing of roof timber (special class) 4" x 4"	20.0	Lft		
F9	-Ditto - 2" x 4" timber	20.0	Lft		
F10	- Ditto -2" x 2"timber	20.0	Lft		
F11	-Ditto - 2" x 1" timber	20.0	Lft		
F12	Supply and fixing 0.47mm thick Zn / Al plain sheet flashing (2" embedded to wall) The width of the flashing should not be less than 2' 0".	60.0	Sqft		
F13	Supply and fixing of Asbestos ceiling sheet on angle timber frame work (special class timber). The sheets to be fixed to timber frame work leaving 1/ 4" V groves and 1 1/2"x 1 1/2" molding round the edges where ceiling meets the walls. Rate to include necessary frame work and prepare surface and apply one coat of primer and two coats of approved emulsion paint .	6.0	Sqrs		
F14	- Ditto - eaves ceiling. Rate to include necessary frame work and prepare surface and apply one coat of primer and two coats of approved weather shield paint .	2.0	Sqrs		
F15	Remove existing Asbestos ridge and supply and laying tile ridge . Rate to include Making ridge tile bedded In cement sand mortar 1:5 and coloured to match tile .	30.0	Lft		
TOTAL ROOF WORK CARRIED TO SUMMARY				Rs	
G1	<u>G. FINISHES</u> Supply and laying of Ceramic non slip tiles (1' 0" x 1' 0")of approved size , quality and design to toilet floor area . Rate to include 12mm thick cement rendering 1:3 to floor before laying tiles and dressing grooves with coloured cement slurry after fixing tiles as directed.	0.80	Sqrs		

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
G2	Supply and laying of Glazed tiles (1' 0" x 1' 6")of approved size and design to walls of toilets up to 1500mm height. Rate to include 12mm thick cement rendering 1:3 to wall surfaces before fixing tiles and dressing grooves with colour cement slurry after fixing as directed.	3.40	Sqrs		
G3	Remove existing internal plaster and replaster with 5/8" thick 1:5 cement sand plaster to internal surfaces of walls finished smooth. Rate to include preparing jambs and reveals.	10.0	Sqrs		
G4	5/8" thick 1:5 cement sand plaster to internal surfaces of upper floor walls finished smooth. Rate to include preparing jambs and reveals.	5.0	Sqrs		
G5	Remove existing external plaster and replaster with 5/8" thick 1: 5 cement sand mix to external surfaces of walls finished semi rough with wooden float. Rate to include preparing jambs and reveals. (If necessary)	7.0	Sqrs		
G6	Cement rendered floor 5/8" thick 1:3 to floor finished smooth with coloured cement slurry. Rate to include 75mm high skirting .	4.0	Sqrs		
G7	- Ditto - In pavement	2.00	Sqrs		
G8	3/4" thick cement sand plaster 1:5 to plinth plaster finished smooth with cement putty.	1.0	Sqrs		
	<u>Water Proofing</u> Note :- The proposed method of water proofing with the materials to be forwarded with the quotation				
G9	Supply and applying approved water proofing agent "Baralastic" or approved equivalent to manufactures specification to Bath room floor and walls . payments will be effected only on submission of guarantee supported by on demand bank guarantee equal to the BOQ amount for a period of ten (05) years.	9.0	Sqrs		
G10	<u>Hand rail</u>				

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
G11	Supply and fixing of GI Tube hand rail as per detail drawing. Rate to include prepare the surface and applying one coat of anticorrosive paint and two coats of enamel paint of approved quality and colour to all steel surfaces .	48.0	Lft		
	<u>Pantry</u> 3" thick 1 : 2 : 4 (3/4") concrete pantry top reinforced with 10mm tor steel 8" crs. both ways and necessary formwork. Rate to include Supply and laying of Glazed tiles of approved size and design to pantry top and 2' 0" high walls include 12mm thick cement rendering 1:3 to wall surfaces before fixing tiles and dressing grooves with white cement slurry after fixing as directed. (Approx 12' 0" long 2' 0" wide)	48.0	Sqft		
G12	Supply and fixing stainless steel kitchen sink (single bowl single drain) including angle valve , 01 nos chromium plated swan neck tap and all necessary accessories and complete to working order.	2.0	nr		
TOTAL FINISHES WORK CARRIED TO SUMMARY				Rs	
<u>H. PLUMBING AND DRAINAGE WORK</u>					
<u>Cold water installation</u>					
H1	1/2" diameter Grade 1000 uPVC solvent socketed pipes with and including all necessary specials, laid in chases and clipped in brick / concrete surface in internal distribution system.	60.0	lft		
H2	- Ditto - 1" diameter Grade 1000 uPVC solvent socketed pipes	24.0	lft		
H3	2" diameter waste uPVC pipe with all necessary specials.	60.0	lft		
H4	4" diameter soil pipe, grade 600, rubber ring socketed uPVC, with all necessary specials, laid from water closet to manhole including all necessary excavation not exceeding 1.5M deep, earth work and 375mm x 375mm grade15 concrete backing and haunching at minimum 1.0m intervals.	40.0	lft		
<u>Sanitary Fittings and Toilet Accessories</u>					
<u>Note</u>					

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
	<p>(a) Contractor to purchase all items from the agent with agent warranty and invoice.</p> <p>Samples and technical data / catalogue to be submitted and obtained approval from the client before purchasing the materials.</p> <p>(b) All taps and accessories to be ' HUIDA ' (Reform Ceramic (pvt) Ltd , or ' HAGAR ' (Rajabdeen & sons Ltd)</p> <p>(c) All sanitary fittings to be following or equivalent American standard or Rocell .</p>				
H5	<p>(d) All connections to appliances shall be through 20mm diameter chromium plated angle valve (Agent Raniyo (Pvt) Ltd, Peglar No -1 or equivalent) and connected to fittings with 20mm diameter chromium plated flexible pipe (American standard , manufactured Thailand or equivalent) approved by Engineer.</p> <p>Supply and installation of ceramic close couple water closet with " P " or "S" trap dual flush complete with flexible connection,angle valves to the working order.(Prime cost of water closet with fittings -Rs 20,000 /= per No)</p>	2.0	Nr		
H6	<p>Supply and installation pedestal type ceramic wash basin (white)22" x 15 " overall size with 20mm dia chromium plated pillar tap and other necessary accessories including water supply and waste water connection . All complete to working order.(Prime cost of wash basin with fitting -Rs 15,000 /= per No)</p>	2.0	Nr		
H7	<p>Supply and installing of shower with necessary pipe lines and concealed value .</p>	2.0	Nr		
H8	<p>Supply and fixing of 1' 6" circular type mirror</p>	2.0	Nr		
H9	<p>Supply and fixing stainless steel towel rail</p>	2.0	Nr		
H10	<p>Supply and fixing bidet shower</p>	2.0	Nr		
H11	<p>Supply and installation of stainless steel soap tray</p>	2.0	Nr		

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
H12	Supply and fix stainless steel bib tap .	2.0	Nr		
H13	Supply and fix 150 mm x 150 mm x 125 mm deep injection moulded PVC floor trap (catchpit) with stainless steel grating on top and set in concrete and connected to waste water lines.	2.0	Nr		
H14	Construction of gully internal size of 1'-0" x 1'-0" & depth up to 1'-0" , consist of 3" thick Grade 20 concrete base and walls with 2" thick Grade 20 RCC cover slab with 6mm dia.M S rods @ 4" c/c both ways.Rate to include for excavation, necessary formwork, lifting hooks, supply and fix P.V.C.gully trap infill with grade 20 concrete and 1/2" thick cement & sand rendering in 1:2 mix with neat cement to all internal surfaces , exposed external surfaces and forming channel with 1:6 benching as per detail Drawing .	2.0	Nr		
TOTAL PLUMBING AND DRAINAGE WORK CARRIED TO				Rs	
J1	<p><u>J . ELECTRICAL INSTALLATION</u></p> <p>Rates in Bill of Quantities shall include all necessary materials (Cables, conduits, PVC sunk box, bulbs, switches etc.) and labour required to complete the electrical installation to good working order.</p> <p>Electrical Items (MCB,RCCB etc.) should be of European/Japanese origin or to the BS or equivalent and items without an accredited agent in Sri Lanka shall not be accepted. Guarantee cards(Fans etc.) should be provided from Accredited agent before installation.</p> <p>All the quantities given here are approximated values and Quantities may change with the actual installation at the site.</p> <p>All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.</p> <p><u>Distribution Board</u></p> <p>Supply and installation of wall mounted distribution board made out of polycarbonate enclosure to the approval of the engineer with equipments as specified in each board.</p>				

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
	01 No. 32A, 2-pole MCB 01 Nos. 40A 2-pole RCCB, 30mA sensitivity 04 Nos. of 6A, 1 Pole MCB 6KA 03 Nos of 16A, 1 Pole MCCB 6kA	2.0	nr		
J2	01 Nos of 20A, 1 Pole MCB 6kA 1 Set of Live and neutral Bus Bars Earth Bar All internal connections Cables				
J2.1	Supply & installation of Main incoming cable 2Cx6 mm2 CU/PVC/PVC cable from CEB meter to consumer unit incomer	30.0	m		
J2.2	Earth Cables Supply and Installation of 6mm2 Cu/PVC Earth cable from Earth Bar of the consumer unit to earth pipe	20.0	m		
J3	Ground Rod (Earth pipe)				
J3.1	Supply of galvanised iron pipe of diameter 50mm and length 2 metres complete with brass clamp, nut, bolt and washers to fix the main Earth wire.	2.0	nr		
J4	Light Fittings Supply and installation of following light fittings. Light fitting shall be of high quality and shall be subjected to the approval of the Electrical Engineer prior to the installation. CFL bulbs shall be of integral electronic ballast type with minimum 3 star rating and minimum lifetime of 8000 hrs. All LED & CFL bulbs should carry at least one year warranty period. Warranty crds to be submitted.				
J4.1	Type A Light Fitting Supply and installation of sofit/ceiling mount lamp fitting comprising, 18W LED lamp (day light) and all other accessories required	24.0	nr		
J4.2	Type B Light Fitting Supply and install Bracket light fitting (wall mounted) made out of glass complete with 11 watt compact fluorescent bulb (with built in electronic ballast).	2.0	nr		
J4.3	Type C Light Fitting weather proof (IP65) wall bracket lamp fitting complete with 11W CFL (warm white) lamp other accessories for external walls	12.0	nr		
J4.4	Type D Light Fitting				

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
	Down light fitting complete with 11W CFL lamp and other accessories	4.0	nr		
J5	<u>Wiring of Lamp Fittings</u> Wiring (including supply of all materials & a switch) of the above light points using approved type PVC insulated PVC sheathed 2x1mm ² copper cable drawn through recessed PVC conduits	42.0	nr		
J6	<u>Fans</u> <u>Wall fans</u>				
J6.1	Supply & installation of 16" dia wall fan (European/Japanese make)with regulator, cord for regulator and all other accessories - Guarantee cards should be provided from accredited agent. (KDK or equivalent)	6.0	nr		
J6.2	<u>Wiring for fans</u> <u>Wall fans</u> Wiring (including supply of all material) of the above wall fans using approved type 2x1 mm ² , PVC/PVC copper cable & 2.5 mm ² earth wire drawn through securely fixed consealed PVC conduits. Note Guarantee cards should be provided with the serial number of each wall fan.	6.0	nr		
J7	<u>Socket Outlets</u>				
J7.1	Supply of 13 Amp, 250 volt, flush type, socket outlet with switch	24.0	nr		
J7.2	Installation of Item above wired with 2x2.5 mm ² PVC insulated cable with all necessary accessories.	24.0	nr		
J7.3	Supply of 15 Amp, 250 volt, flush type socket outlet with switch.	2.0	nr		
J7.4	Installation of Item above wired with 2x2.5 mm ² PVC insulated cable with all necessary accessories. Note for above socket outlets Installation cost also includes cost of cables, 2.5 mm ² earth wire, conduits etc.	2.0	nr		

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
J7.5	Remove all existing electrical Distribution boards, fittings & electrical cables and handing over them to Ceylon Petroleum Corporation officials	2.0	item		
TOTAL ELECTRICAL INSTALLATION CARRIED TO SUMMARY				Rs	
<u>K. PAINTING</u>					
K1	Repairing existing cracks on walls, and make good the surface with two coats of approved wall putty and applying one coat of approved primer and two coat of emulsion paint of approved quality and colour to all internal surface . Rate to include preparation of surface with scratching, filling with putty and sand papering, as required.(ground and upper floor)	44.0	Sqrs		
K2	Repairing existing cracks on walls, and make good the surface and applying two coat of weather shield paint of approved quality and colour to all external surface. Rate to include preparation of surface with scratching, filling with putty and sand papering, as required.	30.0	Sqrs		
K3	Prepare surface to expose timber frame and sash by removing old paint coats, sand papering and applying one coat of approved primer and two coats of enamel paint of approved colour and quality to doors and window surface.	4.0	Sqrs		
K4	- Ditto - Valance board and bardge board	2.0	Sqrs		
K5	Prepare surface , Sandpapering and applying one coat of approved primer and two coats of emulsion paint of an approved colour and quality to soffit of slab and ceiling area in building .	8.0	Sqrs		
K6	Remove existing old paint and preparing the surface & applying two coats of Epoxy floor paint of approved quality and colour to all floor area.(ground floor , upper floor and staircase)	15.0	Sqrs		
TOTAL PAINTING CARRIED TO SUMMARY				Rs	
<u>L. MISCELLANEOUS WORK</u>					
L1	<u>Gate</u>				

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ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
	Repairing existing gate (8' 0" x 5' 6" , 1 1/2" dia GI pipe outer frame and chainlink mesh) to working order, painting with one coats of anticorrosive paint and 2 coats of enamel paint after removing and cleaning old paint coat . <u>Existing fence</u>	2.0	Item		
L2	Repairing existing chain link fence (30'0" long 50mm dia GI fence post 2.0m high & PVC coated chain link) and painting with one coat of anticorrosive paint and two coats of enamel paint after removing and cleaning old paint coat as directed by Engineer.	2.0	Item		
	<u>BOUNDRY WALL</u>				
L3	Excavation for wall foundation depth not exceeding 3' 0" from finished ground level in front and rear walls	0.40	Cu		
L4	Rubble masonry in cement sand mix 1:5 in trench foundation front and rear walls	0.60	Cu		
L5	1:2:4 (3/4") Reinforced cement concrete 150mm x 100mm column (6' 0" high above ground level and 1' 0" below) reinforced with 2 nos 10mm bars with 6mm M.S. stirrups at 150mm crs . Rate to include 300mm x 300mm x 300mm deep column pockets in rubble wall .	4.0	nr		
L6	1:2:4 (3/4") reinforced cement concrete 9" x 4" plinth beams on top of rubble foundation reinforced with 2 nos 1/2" bars with 1/4" M.S. stirrups at 6" crs (Rate to include R/F and F/w)	14.0	lft		
L7	4" thick solid cement block work in cement sand mix 1:5 in walls	1.0	Sqrs		
L8	1:2:4 (3/4") reinforced cement concrete 4" x 4" Tie beams on top of wall reinforced with 2 nos 3/8" bars with 1/4" M.S. stirrups at 6" crs (Rate to include R/F and F/w)	14.0	lft		
L9	5/8" thick cement sand plaster 1:1:5 to all exposed surface in boundary wall .	2.0	Sqrs		
L10	Prepare surface and apply two coats of weather shield paint of an approved colour and quality to boundary wall surface .	2.0	Sqrs		

BILL OF QUANTITIES

CEYLON PETROLEUM CORPORATION

JOB: REPAIR WORK OF HOUSE AT HOUSING SCHEME , RADDOLUGAMA. (10B - 2R , 2L)

B.O.Q. No. 2020 / RADD / 04

ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
TOTAL MISCELLANEOUS CARRIED TO SUMMARY				Rs	

SUMMARY

ITEM	DESCRIPTION	AMOUNT
	A . DEMOLISH WORK	Rs.
	B . EARTH WORK	Rs.

BILL OF QUANTITIES

CEYLON PETROLEUM CORPORATION

JOB: REPAIR WORK OF HOUSE AT HOUSING SCHEME , RADDOLUGAMA. (10B - 2R , 2L)

B.O.Q. No. 2020 / RADD / 04

ITEM	DESCRIPTION	QTY	UNT	RATE	AMOUNT
	C. MASONRY WORK			Rs.	
	D. CONCRETE WORK			Rs.	
	E. DOORS AND WINDOWS			Rs.	
	F . ROOFING WORK			Rs.	
	G. FINISHES			Rs.	
	H. PLUMBING AND DRAINAGE WORK			Rs.	
	J . ELECTRICAL INSTALLATION			Rs.	
	K. PAINTING			Rs.	
	L. MISCELLANEOUS WORK			Rs.	
	TOTAL			Rs.	

Total amount in words :-.....

Name of Tenderer :-

VAT Registration No :-

.....
Signature of Tenderer

.....
Date