

RETENDER - REPAIRS AND RESTORATION WORK OF CANARA BANK BUILDING AT BEACH ROAD, TUTICORIN, TAMILNADU							
SCHEDULE OF QUANTITIES FOR CIVIL, PLUMBING, SANITARY & MISCELLANEOUS WORKS							
S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
1	Providing and fixing <b>scaffolding system</b> (cup lock type) with working platform for the exterior side, upto five story height made with 40 mm Dia M.S. tube 1.5m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition and cover with green shade net for the required duration as approved and removing it thereafter .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc., wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge . Both side scaffolding work for full wall height /upto working area where ever required.						
	External Side scaffolding work	3000.00	Sqm				
2	<b>Flush pointing:</b> Flush pointing with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement for Exsiting Door & Window Arch Stone and Basement stone masonry for Arch and Basement on Raking out joints in lime or cement mortar and preparing the surface for re-pointing or replastering, including disposal of rubbish to the dumping ground and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge., all complete as per direction of						
	Flush pointing with cement mortar	150.00	Sqm				
3	<b>Earth work:</b> Excavation for Column footings,beams foundations, Drainage and cable Trenches, etc., in all kinds of soil including soft, weathered and loose disintegrated rock (excluding hard rock) by manual or mechanical including prepaing bed of excavation to the required depth, level, graded camber as directed ny the Engineer-in-charge, carting away / stacking the earth as directed including all men, materials and machineries, including cost of dozing, shoring and dewatering etc., complete ..Note: Whatever required filling quantity of earth will be retained by the contractor at his own cost. No claim for extra qty for filling works.						
	Earth work excavation	350.00	Cum				
4	Providing and Laying of <b>Plain Cement concrete 1:4:8</b> (one cement, Four sand, Eight aggregate) using 40mm gauge hand broken granite stone jally for foundation including dewatering if found necessary and laid in layers of not more than 15 cm thick and well rammed and compacted,etc., complete complying with standard specification.						
	Laying of Plain Cement concrete	40.00	Cum				
5	<b>Supplying, fabricating and placing</b> in position <b>M.S/ R.T.S. bar</b> Fe 500 for reinforcement to all RCC works as per the design given including cost of steel, binding wires, etc., all materials, labour charges, etc., for all floors, cost, conveyance, all charges, etc., complete complying as per specification and as per the direction of the site-in -charge.						
	Supplying, fabricating and placing in position reinforcement steel	25.00	MT				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
6	Providing and laying of <b>Re-inforced Cement concrete 1 : 1.5 : 3</b> (one cement One and Half Sand and three aggregate) using 20mm gauge machine broken hard granite stone jelly for all RCC items of works, including cost of shuttering, centering, laying, finishing, curing, fixing of fan clamps and fixtures in RCC works,etc., and as directed by Engineer-In- charge. (excluding the cost of reinforcement steel)						
a	Ground floor including staircase	70.00	Cum				
b	Strong Room	60.00	Cum				
c	First Floor including staircase	32.00	Cum				
d	Second Floor including staircase	42.00	Cum				
7	<b>Brick work in CM 1:5</b> (one cement five sand) 230mm thick brick masonry including lead and lift and conveyances etc finishing including Scaffolding, curing cleaning and finishing in all respect all material and labour complete as described in the specification, drawing and as approved by the architect at all rooms in all floors Including toilet in all floors. etc., complete complying with standard specification.						
	All Floors	80.00	Cum				
8	Brick partition walls of <b>half brick masonry</b> size of 115mm thick in cement mortar 1:3 (one cement and three sand) with necessary hoop iron reinforcement which will be measured and paid separately etc., all levels in respect of all material and labour complete. Clearing away the building debries as described in the specification, drawing and as approved by the architect at all rooms in all floors Including toilet in all floors.						
	All Floors	350.00	Sqm				
9	<b>Treatment for plinth protection:</b> Flagging concrete along with end drain shall be provided at rear side of the building over well compacted soil as per standard practice. The joints between the foundation masonry and the flagging concrete shall be filled with bitumen sand mix as detailed in sketch. Further, road side drains abutting to the building in front and side portion of the building shall be made water tight to avoid ingress of water to the foundation system. Complete complying with specification and refer enclosed sketch DWG.						
	Treatment for plinth protection	100.00	Sqm				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
10	<b>Arch and Wall Crack Treatment 75mm / 25mm Deep:</b> Existing plaster in arch portion of masonry wall shall be removed completely by gentle chipping for 0.5m with Both sides required length without damaging bricks. Deep rake all the joints of arch portion to a deep of above 75mm and repointing using lime modified mortar 1:4 as per standard practice after cleaning the exposed brick masonry the wide cracks shall be sealed using neat cement slurry grouting through 10mm dia pvc nozzle with over aluminum/steel mesh shall be fabricated and placed over the wall and fixed with "U" nails. The entire surface of walls shall be replastered using lime modified mortar mixed with polypropylene or polyester fibers as per standard practice and shall be cured for 14 days including curing cleaning and finishing in all respect and disposal of unserviceable material within 50 metres lead to GF, all material and labour complete on described in the specification drawing and as approved by the architect at all rooms in all floors Including toilet in all floors as per direction of Engineer in- charge. refer enclosed Drawing.						
a	<b>Arch and Wall Crack Treatment 75mm Deep</b>						
i	Ground floor including staircase	25.00	Sqm				
ii	First Floor including staircase	75.00	Sqm				
iii	Second Floor including staircase with Head room	75.00	Sqm				
b	<b>Arch and Wall Crack Treatment 25mm Deep</b>						
i	Ground floor including staircase	25.00	Sqm				
ii	First Floor including staircase	75.00	Sqm				
iii	Second Floor including staircase with Head room	75.00	Sqm				
11	<b>Treatment for Cracks in Jack arch roof / Steel members in jack arch ceiling:</b> Existing debonding / loose concrete along the crack shall be removed by gentle chipping and cleaned thoroughly using air or water jet. Provide structural grade polymer modified mortar over the cleaned cracked surface as per manufacturers specification, and the existing plaster over the steel members to be completely removed and cleaned using air or water jet. The exposed flange to be cleaned with wire brush and emery to remove rust and existing paint. Two coats of anti-corrosive chemical coating shall be provided to the flange as per Dwg & specification. refer enclosed Drawing.						
a	<b>Treatment for cracks in jack arch roof on either side of steel beams</b>						
i	Ground floor including staircase	50.00	Sqm				
ii	First Floor including staircase	150.00	Sqm				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
b	<b><u>Treatment for steel members in jack arch ceiling</u></b>						
i	Ground floor including staircase	50.00	Sqm				
ii	First Floor including staircase	150.00	Sqm				
12	Providing and laying <b><u>water proofing treatment in sunken portion</u></b> of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.						
	All Floors	190.00	Sqm				
13	<b><u>Interior Wall Plastering 15mm thick</u></b> : Cement mortar 1:4 (1 cement : 4 coarse sand) plastering area shall be cleaned with water jet without damage of the bricks, applying acrylic bonding agent prior to application of mortar and plastering with cement mortar 1:4 (1 cement, 4 sand) mixed with approved polymer modified compound (conplast) as per manufacture's specification 15mm thick in all surface and levels and levels inclusive of all material and labour complete. Clearing away the building debries as approved by the architect or Engineer-in-charge at all rooms in all floors Including toilet in all floors.						
	All Floors	5100.00	Sqm				
14	<b><u>Exterior Wall Plastering 20mm thick</u></b> : Cement mortar 1:4 (1 cement : 4 coarse sand) Existing plaster area shall be removed completely by gentle chipping and water jet cleaning without damage of the bricks, applying acrylic bonding agent prior to the application of mortar and plastering with cement motor 1:4 (1 cement, 4 sand) mixed with approved polymer modified compound (conplast) as per manufacture's specification <b>20mm thick</b> in all surface and levels inclusive of all material and labour complete. Clearing away the building debries as approved by the architect or Engineer-in-charge at all rooms in all floors Including toilet in all floors.						
	All Floors	2800.00	Sqm				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
15	Pebble dash plaster upto 10 m height above ground level with a mixture of washed pebble or crushed stone 6 mm to 12.5 mm nominal size, dashed over and including fresh plaster in two layers under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand) and top layer 10 mm cement plaster with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 10% finely grounded hydrated lime by volume of cement.						
	Ground floor	200.00	Sqm				
16	<b>Interior wall painting:</b> Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade including thoroughly brushing the surface free from water mortar droppings and other foreign matter, sandpapered smooth, including cement primer one coat and levelling using POP / birla putty, oil bound distemper 2 or more coats, emulsion paint (interior) of approved make, shade and color priming 2 or more coats at all heights to give an even shade including scaffolding and all material and labour complete usage in all floors						
a	Ground floor	1650.00	Sqm				
b	First Floor	1650.00	Sqm				
c	Second Floor including staircase with Head room	1800.00	Sqm				
17	<b>Exterior wall painting:</b> Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade including thoroughly brushing the surface free from water mortar droppings and other foreign matter and sandpapered smooth. Includes cement primer one coat, oil bound distemper 2 or more coats, emulsion paint (exterior) of approved make, shade and color priming 2 or more coats at all heights to give an even shade including all material and labour complete usage in all floors						
a	Ground Floor	1000.00	Sqm				
b	First Floor	1000.00	Sqm				
c	Second Floor including staircase with Head room	1250.00	Sqm				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
18	<b>Jack Arch / Flat Roof Ceiling painting:</b> (semi circular and flat ceiling areas) painting with acrylic emulsion paint of approved brand and manufacture to give an even shade, emulsion point of approved make shade and color priming coat at all heights (Including Staging and scaffolding work, etc.,) to give on evenshade including thoroughly brushing the surface free from water mortar droppings and other foreign matter and sandpapered smooth including all material and labour complete, clearing away the Building debries usage in all floors and toilet Blocks.						
a	Ground Floor	640.00	Sqm				
b	First Floor	640.00	Sqm				
c	second Floor	200.00	Sqm				
19	<b>Supplying and Painting For ISMB</b> for Dome Structural Finishing with Epoxy paint (two or more coats) at all locations (Including Stageing and scaffolding work, etc.,) prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete and Old iron works with two coats of approved quality and colour of synthetic enamel paint over the existing red oxide primer in all floors etc ., complete complying with standard specifications as per the direction of Engineer-in charge for all floors.						
a	Ground Floor	60.00	Sqm				
b	First Floor	60.00	Sqm				
c	Second Floor	20.00	Sqm				
20	Supplying and <b>painting for wood work</b> with ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) over two coats of synthetic enamel paint of approved quality and colour in wrought frames, trusses, purlins and rafters Peak, Bottom & Top chord, Truss Plate, bolt, Continuous Laterales, wedges, web, heel, Splice and over hanging wooden members in all floors. The rate is to include the cost of all materials, brushes, scaffolding charges, etc., all complete.						
	Painting for wood work	60.00	Sqm				
21	<b>Vitrified tiles flooring</b> : Providing and laying Vitrified tiles (800mmx800mm) in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.						
	All Floors	1710.00	Sqm				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
22	<b>Providing and fixing 1st quality ceramic glazed wall tiles</b> conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade all complete.						
a	Ground Floor	90.00	Sqm				
b	First Floor	70.00	Sqm				
c	Second Floor	70.00	Sqm				
23	<b>Vitrified anti skid</b> flooring tiles for Skirting, risers of steps and treads. Providing and fixing 1st quality verified tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade all complete.						
a	Ground Floor	350.00	Sqm				
b	First Floor	350.00	Sqm				
c	Second Floor	350.00	Sqm				
24	<b>MAIN DOOR FRAME:</b> Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length. Rate inclusive of all materials, labour. Second class teak wood						
	Main Door frame in Teak wood	10.00	Cum				
25	<b>MAIN DOOR SHUTTERS:</b> Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, including panelling all complete as per the direction of Engineer-in-charge.						
	Main Door in Teak wood 35mm thick.	60.00	Sqm				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
26	<b>W.C. and bathroom door shutter with Frame:</b> 30mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm ( $\pm 0.2$ mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm ( $\pm 0.1$ mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm ( $\pm 0.2$ mm) wall thickness fixed to the shutter styles by means of plastic/ galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm ( $\pm 0.1$ mm) wall thickness . The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge.						
	Toilet Doors	27.00	Sqm				
27	Repairing and Renovation of <b>Damaged Cornice</b> gentle chipping and water jet cleaning without damage of the bricks over applying acrylic bonding agent prior to application of mortar and plastering with cement motor 1:3 (1 cement, 3 sand) mixed with approved polymer modified compound (conplast) as per manufacture's specification 20mm thick in all surface and levels respect of all material, labour complete as described in the specification, drawing and as approved by the architect . For all rooms in all floors Including toilet in all floors.						
a	Ground Floor	5.00	RM				
b	First Floor	15.00	RM				
c	Second Floor	10.00	RM				
28	Supplying and fixing of <b>M.S.grills for window</b> of approved design with logo of canara Bank for open courtyard, window grill works doors and window openings etc., using necessary mild steel flats for inner and outer members which should be fixed on edges ( <b>should not exceed Weight 16.45Kg/Sqm</b> ) Providing and fixing factory Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener,( Including Stageing and scffolding work ,etc) including fixing of necessary butt hinges and screws including providing and fixing of hinges,and applying a priming coat of approved steel primer, pivots, including priming coat of approved steel primer over two or more coat of enamel painting including the cost of other fittings, dismantalling of required area matching with masonry work over plastering in cement mortar match with exsiting surface completein all respects l as per approved design, Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate20 mm nominal size) all complete as per the direction of Engineer-In-charge.,						
	Supplying and fixing of M.S.grill	4950.00	Kgs				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
29	<b>COLLAPSIBLE GATE:</b> Supply and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of Zinc Chromite approved steel primer over two coat of enamel paint work Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)( Including Stageing and scffolding work ,etc)including the cost of other fittings,dismantalling of required area with masonry work over plastering mortar with exsiting surface completed in all respects as per approved design all complete as per the direction of Engineer-In-charge., <b>Outer Door GF + FF + SF</b>						
	Supplying and fixing of Collapsible gate for Outer Door (GF + FF + SF)	75.00	Sqm				
30	<b>Folding shutters (Book Gate):</b> Supplying and fixing FOLDING SHUTTERS, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, (Including Staging and scaffolding work, etc.) including the cost of providing and fixing necessary hinged gate frame comprising galvanised steel lattice inter connected and fitted between two continuous galvanised vertical steel pickets providing a robust gate frame work, Shutter leaves 1.2mm (18gauge) pre-galvanised steel 230mm wide with vertical ribbing for extra strength, connected on outer and inner face by galvanised steel section, galvanised leading edge locating with galvanised receiver channel, Top Track in 100 x 70 mm galvanised cold rolled channel section fitted with GI.steel cover plate , Door suspended roller bearing assembles on 22mm dia GI hanger and Bottom guide track GI meialble iron bottom to guide bolted between the pickets run in deep formed GI "U" section. sump boxes and very heavy duty double channel bottom track should included, fitted with inside & out side handles complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer over two coat of enamel paint work Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) all complete as per the direction of Engineer-In-charge., All out side Outer Door.						
	Folding Shutters (Book Gate)	75.00	Sqm				
31	<b>uPVC sliding window with 5.5mm thick glass:</b> Providing and fixing factory made <b>uPVC white colour</b> sliding glazed door / window / ventilator with 5.5mm thick plain / pinned or color glass comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension uPVC extruded glazing beads, uPVC extruded interlock and uPVC extruded inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle on one side of extreme panel along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) crescent lock (if required), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) and weather proof silicon sealent over backer rod of required size and of approved quality, dismantalling of required area with masonry work over plastering mortar. Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension.						
	uPVC sliding glazed door / window / ventilator with 5.5mm thick glass	300.00	Sqm				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
32	Supplying, fixing and laying in position <b>PUF sheet - 30mm</b> Cool Top effectively restricts the transmission of heat by 5-6 degrees, and also absorbs and reduces the noise of rain as well. Puf sheet roofing panels should be aesthetically designed, sound-proof and weather-resistant. Being corrosion-free, panels require low maintenance and durable in nature, making them a cost-effective roofing solution. sheet with minimum 30mm (SIP-30-1001 30) thick work over existing wooden framed work (Existing Wooden Truss), where ever wooden rafters or purlins were in weaker condition are find out by site incharge it should be replace and make it recondition or fixing new one from removed wooden rafters or purlins including Primer over wooden painting for all wooden members all labour charges and material cost and conveyance( Including Staging and scffolding work ,etc),no claim for addl work. Upper Skin: 0.35 mm TCT / 0.45 mm TCT / 0.5 mm TCT / 0.6mm TCTLower Skin: 0.35 mm TCT / 0.45 mm TCT / 0.5 mm TCT / 0.6 mm TCT Sandwich PU Foam Insulation: 40 Kg perm3 +/-2 gsStandard Cover Width: 1 meterStandard Length: 2.5 meter / 3 meter / 4 meter / 5 meter / 6 meter Standard Colours: Capri blue/terra cotta/appliance white Standard total thickness of colour coated Galvalume sheets is 0.45 mm.corrugated/tile design sheet (blue colour) of approved quality by drilling holes (and not by punching) with necessary "H" bolts and nuts of 6 mm dia. of suitable length and providing one set of bitumen washers of 25mm dia and 1.60mm thick for each bolt including protruding portion of bolts in roof shall be covered with bitumen compound etc., complete complying with standard specification for all levels and as directed by Engineer in charge (Second floor Roof)	625.00	Sqm				
33	M.S square pipe of size <b>50mmx50mmx2.5mm</b> with <b>Galvalume sheet for Sunshade</b> (in GF, FF & SF) including fixing of necessary butt hinges and screws, hinges, pivots, applying a priming coat of approved steel primer over two or more coat of enamel painting, including the cost of other fittings, dismantalling of required area matching with masonry work over plastering in cement mortar match with existing surface complete in all respects as per approved by the Engineer-In -charge. Galvalume sheets shall conform to AZ 150 of AS 1397 or ASTM 792 with hot-dip metallic coating of 55% Al and 45% Zn alloy having total coating mass of min. 150 gms/m <sup>2</sup> inclusive of both sides. Accessories such as ridge capping, corner closing pieces (barge capping), single ridge capping with or without up-stand, apron flashings, cover flashings/edge trimmings, louvres etc. shall be as per manufacturer's specifications to suit the type of roof sheeting. The accessories shall have same specifications as of roof/cladding sheets as far as colour, material, thickness, protective coating etc. The shape of accessories shall be as per drawings and generally shall suit the profile of the sheets. Overlaps shall be minimum 150 mm. The sheeting including all or any required stell frame with accessories shall be fixed by the contractor his own cost . The down-take pipes shall be fixed to gutter suitably to ensure leak-proof joints. valley Gutter work with plain sheet (blue colour) joint wit bitumen sheet with bolt with bitumen washer over nut of approved quality by drilling holes (and not by punching) with necessary "H" bolts and nuts of 5 mm dia. of suitable length and providing one set of bitumen washers of 25mm dia and 1.60mm thick for each bolt including protruding portion of bolts in roof shall be covered with bitumen compound etc., complete complying with standard specification for all levels and as directed by Engineer in charge.	180.00	Sqm				
34	<b>Galvanised steel metal sheet vally Gutter work</b> over wooden framed work (Over Existing Wooden Truss), including "Supplying and fixing Galvanised steel metal sheet vally Gutter work with 3mm thick galvanised iron plain sheet joint using bitumen sheet with bolt with bitumen washer over nut of approved quality by drilling holes (should not by punching) with necessary "H" bolts and nuts of 5mm dia. of suitable length and providing one set of bitumen washers of 25mm dia and 1.60mm thick for each bolt including protruding portion of bolts in roof shall be covered with bitumen compound etc., complete, complying with standard specification for all levels and as directed by Engineer in charge (Second floor Roof)	240.00	RM				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
35	<b>RAIN WATER DOWN FALL PIPE 110 mm:</b> U.P.V.C. Pipes Above GL Supplying laying and jointing U.P.V.C pipes of approved quality and best variety conforming to I.S.I, of the following sizes including cutting and fixing PVC specials with PVC adhesive including cost of such specials of coupling,clamp,End shoe,bend and other necessary items for RAINFALL PIPE-110mm dia above ground level and fixing to wall with necessary teak wood plugs, PVC clamps and screws and making holes in masonry or RCC works wherever necessary and making good the dismantled portions to original condition including necessary scaffolding charges etc., complete.						
	Rain Water down fall pipe110mm Dia	180.00	RM				
36	<b>Terrace water proofing:</b> Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces, etc., consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand ) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge.						
	Terrace water proofing with average thickness of 120 mm and minimum thickness at khurra as 65 mm	75.00	Sqm				
37	Providing and laying <b>APP (Atactic Polypropylene Polymer)</b> modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with nonwoven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/ 450N/ 5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane						
	APP Water proofing	150.00	Sqm				
38	<b>Provisions for Repair of chajjas</b> including chipping and reovables of unwanted materials and add cracking compounds etc including finish the actual shape and size including all materials and labour charges etc complete complying etc asper the direction of engineer-in-charge (Matching with exsiting chajjas pattern size)						
	Provisions for Repair of chajjas	50.00	Nos				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
<b>PROVISION FOR SANITARY AND WATER SUPPLY ITEMS</b>							
39	Providing and fixing heavy and rigid <b>P.V.C pipe</b> with prince fitting such as Tee, Elbow, Cowl, Clamps including( Including Stageing and scffolding work ,etc) making holes, cutting chases in wall / floor, encasing in brick jelly cement concrete 1:3:6 where ever laid underall floors complete( Including Stageing and scffolding work ,etc).Make Avon/supreme/prince) complying etc asper the direction of engineer-in-charge						
a	160 mm O.D x 10 kg. Cm2	150.00	RM				
b	125 mm O.D x 10 kg. Cm2	75.00	RM				
c	110mm O.D x 10 kg. Cm2	75.00	RM				
d	75 mm OD x 10 kg. Cm2	75.00	RM				
e	63 mm OD x 10 kg. Cm2	175.00	RM				
40	Providing and fixing heavy and rigid <b>C.P.V.C pipe</b> (Approved make) with necessary fittings such as tee, elbows including cutting chases in wall/floor concealing the pipes in wall and earth work excavation where ever required and back filling complete. Supplying laying and jointing U.P.V.C pipe quality of the following sizes including fixing C.P.V.C pipe ( Approved make) including cost of such specials for internal water supply (open line and cancelled line) , including cutting and threading of pipes and fixing to wall with necessary teak wood plugs, clamps and screws and making holes in masonry or roof wherever necessary and making good the dismantled portions to original condition including necessary scaffolding charges etc., complete.complying etc asper the direction of engineer-in-charge						
a	32 mm Dia	125.00	RM				
b	25 mm Dia	150.00	RM				
c	20 mm Dia	150.00	RM				
41	Providing and fixing <b>stainless steel / brass ball valve</b> of following diameters as per valve codes						
a	32 mm Dia	25.00	Nos				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
b	25 mm Dia	55.00	Nos				
c	20 mm Dia	40.00	Nos				
42	<b>WATER STORAGE TANKS:</b> Supply and fixing of ROTATIONAL MOULDED POLYETHYLENE Water Tank capacity of 5000 litres Height 2400-3740 mm, wall and bottom thickness 11.5mm Empty weight tank should be 319.0 Kg as per IS code IS 12701 : 1996 in position with necessary bed provision over the existing unused water tank base slab as a platform with accessories, etc., completed in all respects including finishing the actual shape and size including (Including Staging and scaffolding work, etc.,) all materials and labour charges etc., complete, complying etc., as per the direction of engineer-in-charge. # second floor						
	WATER STORAGE TANKS 5000 Litres including all specials for join the discharge line	2.00	Nos				
43	<b>Sanitary fittings:</b> Supplying and fixing in position of the following Nickel chrome coated <b>specials</b> of approved Jaquvar/Waterman quality excluding fixing charges and cutting & threading of pipes for joining the G.I specials etc., completed with concealed brass hooks and screws etc., complete upto floor and redoing the disturbed portions complete for all floors complying etc as per the direction of engineer-in-charge						
a	Providing and fixing <b>health faucet</b> consisting of flexible tube chromium plated control valve hook complete.	6.00	Nos				
b	Providing and fixing two in one <b>bib tap</b> with angle cock	6.00	Nos				
c	Providing and fixing one way <b>bib tap</b> with angle cock	10.00	Nos				
d	Providing and fixing <b>SS</b> Towel ring.	10.00	Nos				
e	Providing and fixing Angle valve	30.00	Nos				
f	Providing and fixing 20mm <b>c.p concealed stop cock</b>	18.00	Nos				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
g	Providing and fixing <b>c.p Long Body cock</b>	20.00	Nos				
h	Providing and fixing chromium plated <b>towel rod</b>	9.00	Nos				
i	Providing and fixing chromium <b>soap dish</b>	6.00	Nos				
j	Providing and fixing 75/50mm ceramic p trap embedded in cement concrete and on top fitting with stainless steel grating etc, complete.	30.00	Nos				
44	Supplying and fixing in position best quality approved make white glazed <b>hand wash basin</b> of size 550 X 400 mm with a pair of cast iron brackets, including cost of 15mm dia brass chromium plated pillar tap, 32 mm dia C.P. waste coupling, 32 mm dia P.V.C. waste pipe with rubber plug and chain, 15mm diameter G.M.wheel valve, 15mm dia brass nipple, 15mm dia nylon connections etc., including fixing the wash hand basin in the wall in position with a pair of C.I. brackets with teak wood plugs and screws and giving necessary water supply connection and painting the brackets with two coats of paint over a priming coat of anticorrosive paint including testing for leakage etc.,Cost of Wash Hand Basin with necessary 15mm dia G.M. Wheel valve, 32mm dia C.P. waste coupling 32mm dia P.V.C. waste pipe, 15mm dia brass nipple, 12/15mm dia C.P. pillar tap, 15mm dia nylon connection, Plug and Chain, C.I. brackets etc.including waterproofing with all kind of necessary work completed with all respects complying with standard specifications (the wash hand basin and specials should be got prior approved by the Engineer in charge.						
	Hand Wash Basin in All floors	6.00	Nos				
45	Providing & fixing White vitreous <b>Indian water closet pan (IWC)</b> size : 580mm x 440mm along with foot rest, "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, including waterproofing with all kind of necessary work completed with all respects as per the direction of Engineer-in charge.						
	water closet pan (IWC)	6.00	Nos				
46	Supplying and fixing in position White Glazed <b>European Water Closet (EWC)</b> of approved quality and make with 'P' or 'S' trap with double flapped rigid P.V.C. seat cover with C.P. brass hinges, 12.5 litres PVC low level flushing tank with all internal fittings etc.,including waterproofing with all kind of necessary work completed with all respects complete complying with standard specifications						
	European Water Closet (EWC)	6.00	Nos				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
47	Providing and fixing white vitreous china flat back half stall <u>urinal</u> of size 580x380x350 mm with all necessary fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required:						
	Urinals	12.00	Nos				
48	Supplying and fixing Polished Marble slab of size 1.22x0.61m, 18mm thick for <u>urinal partition</u> etc., as per CER.NO.229/2003-04						
	Partition plate	8.00	Nos				
49	Constructing <u>masonry inspection chamber</u> size 600 x 600mm internally with brick wall in cement mortar 1:5 over bed of cement concrete 1:4:8 rendering to wall 1:3 inside, top and out side 300mm below ground level including forming of benching and channeling and on top fitted with 450 MM circular frame and cover of R.C.C precast complete depth upto 1.20 to 1.50 meter.including waterproofing with all kind of necessary work completed with all respects						
	Constructing masonry inspection chamber	12.00	Nos				
50	Providing and Fixing <u>Stainless steel Grade 304 Railing</u> made of Hollow tubes channels, Plates, Etc including welding, Grinding, Buffing, Polishing and making Curvature (Wherever required) and fitting the same with necessary Stainless steel nuts and bolts, including fixing the railing with necessary accessories and Stainless steel dash fasteners, Bolts etc.. of accuired size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engg-incharge, (for payementg purpose of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fastners etc.) including fixing ther base cup to RCC Slab rigidly including polishing and buffing etc complete in all floors						
	Fixing Stainless steel (Grade 304) railing	1100.00	kgs				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
51	<b>Stair case:</b> Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat and enamel painting two or more coats of approved steel primer.						
	Steel Works	1200.00	Kgs				
52	Provision for <b>Canara Bank Logo</b> Making charges using cement marmor in CM 1:3 Mix with accessories etc., completed including finish the actual shape and size including all materials and labour charges etc complete complying etc asper the direction of engineer-in-charge						
	Provision for Canara Bank Logo	25.00	Nos				
<b>DISMANTLING AND DEMOLISHING WORKS</b>							
53	<b>Dismantling and Replacement</b> of MS rainfall pipes in all dimensions (as in where at site) picked out from Top to Bottom at all level of height and Refilling with brick jally with cement mortar and the Plastering with flash/match with adjacent surfaces including all materials and labours cost and conveyance charges extra completed and disposal of unuseage/unserviceable material within 50 metres lead as per direction of Engineer - in- charge.						
	Replacement and packing of Old MS rainfall pipes in all dimensions	120.00	RM				
54	<b>Dismantling R.C.C. work</b> manually/ by mechanical means including stacking of steel bars all materials and labours cost and conveyance charges extra completed and disposal of unuseage/unserviceable material within 50 metres lead as per direction of Engineer - in- charge.						
	All Floors	45.00	Cum				
55	<b>Dismantling brick work</b> manually/ by mechanical means including stacking of serviceable material and disposal of unuseable /unserviceable material within 50 metres lead to ground flooras per direction of Engineer-in-charge						
	All Floors	360.00	Cum				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
56	<b>Dismantling old plastering surface</b> or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.						
i	<b>Inner Side</b>						
	All Floors	5100.00	Sqm				
ii	<b>External Side</b>						
	All Floors	3250.00	Sqm				
57	<b>Dismantling of Existing False Ceiling, Cabins</b> at various places in site complete with all operations including all necessary materials, labour and disposal of dismantled material and disposal of unuseable /unserviceable material within 50 metres lead to ground floor as per direction of Engineer - in- charge.						
a	Ground floor	550.00	Sqm				
b	First Floor	250.00	Sqm				
c	Second Floor	100.00	Sqm				
58	<b>Dismantling Existing Floor Tiles:</b> Dismantling tile work in floors,dadoing or cladding and roof tiles in lime/ cement mortar including stacking material within 50 metres lead.(Including Toilet Blocks)For thickness of tiles as in where at site and disposal of un usage or un serviceable material within 50 metres lead to ground floor as per direction of Engineer - in- charge.						
	All Floors	1710.00	Sqm				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
59	<b>Dismantling Arch wooden Windows Grills / Weld Mesh:</b> Dismantling and taking out doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead as per the directions of engineer-in-charge.						
a	Of area 3 sq. metres and below	20.00	Nos				
b	Of area beyond 3 sq. metres	75.00	Nos				
60	<b>DISPOSAL OF DEBRIES:</b> Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.						
	Conveyance of Building Debries	500.00	Cum				
61	<b>Uprooting, Clearing</b> and Patching with cement mortar and finish with plastering match with existing surface of Vegetation Holes Various places at site complete with all operations including all necessary materials, labour and disposal of dismantled material including all materials and labour cost and conveyance of all charges etc complete and as per the direction of Engineer-in charge						
a	Ground Floor	5.00	Nos				
b	First Floor	15.00	Nos				
c	Second Floor	22.00	Nos				
<b>SUB - TOTAL OF CIVIL WORKS (A)</b>							

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
<b><u>ELECTRICAL WORKS</u></b>							
1	Wiring for light point / fan point / exhaust fan point / call bell point with 2X1.5 sq.mm FRLS PVC insulated multi stranded copper conductor single core cable in 20mm dia surface/recessed medium class PVC conduit, bends, couplers, junction box, fasteners with modular switch, modular plate, suitable GI box and earthing the point with 1X1.5 sq. mm FRLS PVC insulated multi stranded copper conductor single core cable, all accessories, etc. The rate shall include chassing of walls, Floors, etc., plastering as required.						
	Medium point	120.00	Nos				
2	Supplying and fixing modular switch & socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required						
a	2/3 pin universal shuttered sockets 6A	30.00	Nos				
b	6 pin 15/16A shuttered sockets	10.00	Nos				
3	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box / wooden block including connection etc. as required.						
	Ceiling rose	120.00	Nos				
4	Supplying and fixing PVC batten / angle holder including connection etc. as required						
	PVC batten / angle holder	10.00	Nos				
5	Wiring for circuit /submain wiring alongwith earth wire of following sizes using FRLS PVC insulated multi stranded copper conductor single core cable of approved make in 20mm dia surface/recessed medium class PVC conduits, bends, couplers, with all accessories, etc. as required.						
a	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	300.00	RM				
b	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	200.00	RM				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
6	Supply and laying PVC conduits (HMS) with all conduit accessories PVC junction/pull boxes, GI fish wire, fixing accessories etc., as required complete. The rate shall include Chassing of walls, Floors, etc., plastering the chased portion as required.						
a	20mm DIA PVC CONDUITS (HMS)	300.00	RM				
b	25mm DIA PVC CONDUITS (HMS)	300.00	RM				
c	32mm DIA PVC CONDUITS (HMS)	100.00	RM				
d	40mm DIA PVC CONDUITS (HMS)	100.00	RM				
7	Supplying, installation, testing and commissioning of horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V of approved make on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)						
	4 way (4 + 12), Double door	4.00	Nos				
8	Supplying installation, testing and commissioning of single pole and neutral, sheet steel, MCB distribution board, 240V of approved make on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)						
	SPN DB	1.00	Nos				
9	Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required						
a	6 A to 32 A SP MCBs	48.00	Nos				
b	20 A to 32 A DP MCBs	10.00	Nos				
c	32 A 4 POLE MCBs	5.00	Nos				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
10	Supply, Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent / LED fitting of all types and approved make, complete with all accessories and tube/lamp etc. directly on ceiling / wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required						
a	1 X 28W box type T5 light fitting with end caps	45.00	Nos				
b	2 X 28W box type T5 light fitting with end caps	10.00	Nos				
11	Supply, Installation, testing and commissioning of 1400 RPM double ball bearing type, 230V, exhaust fan of approved make in the existing opening, including making good the damage, etc. as required						
a	12" 1400 RPM exhaust fan double ball bearing	5.00	Nos				
b	9" 1400 RPM exhaust fan double ball bearing	12.00	Nos				
12	Supply & Laying of 1.1KV grade, PVC insulated, galvanized steel armoured and overall PVC sheathed LTUG cable with ISI mark of approved make of below size using suitable brass compression glands and crimping type aluminum sockets with necessary clamping on walls/ceiling using GI saddles, screws, all accessories, etc., all complete as below:						
a	4 core 16 Sq.mm ALUMINIUM UG cable from main panel to DBs	200.00	RM				
b	4 core 25 Sq.mm ALUMINIUM UG cable from main panel to DBs	50.00	RM				
13	Supplying, installing, testing and commissioning of 40 mm dia, 2500mm long earth electrode GI pipe with 600X600X3mm thick Copper plate earth electrode at the depth of 3000 mm in an earth pit of 700 X 700 X 3500 mm depth filled with salt and charcoal mixed with clay in alternate layer 150mm each upto the height of 3000 mm from the bottom with 2Nos 25X6 copper flat shall be brazed to this copper plate and brought at the top level. The rate is including of masonry work along with heavy duty CI cover, funnel, digging and back filling.						
	Copper plate earthing	4.00	Nos				

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
14	<b><u>LIGHTNING ARRESTOR</u></b>						
a	Providing and fixing of lightning conductor finial made of 25mm dia 300mm long Copper tube having single prong at top with 85mm dia 3 mm thick Copper base plate including holes complete as required.						
		6.00	Nos				
b	Fixing of lightning conductor (SINGLE PRONG) with base plate including holes, steel fastener 6mm x 75mm etc., complete as required.						
		2.00	Nos				
c	Jointing copper/GI tape (with another copper / GI Tape, base of finial or any other metallic object ) by Rivetting /nut bolting/Sweating and soldering etc. as required.						
		2.00	Nos				
d	Providing and fixing Copper/GI tape 20mm X 3mm thick on parapet or on surface of wall of lightning conductor complete as required ( for Horizontal runs )						
		50.00	RM				
e	Providing and fixing Copper/GI tape 20mm X 3mm thick on parapet or on surface of wall of lightning conductor complete as required ( for Vertical runs )						
		30.00	RM				
f	Providing and fixing " Testing Joint" made by 20mm X 3mm thick GI strip 125mm long with 4 Nos of GI bolts, Nuts, check nuts and spring washers etc. complete as required.						
		2.00	Nos				
<b>SUB - TOTAL OF ELECTRICAL WORKS (B)</b>							

S.No	Description of work	Qty	Unit	Rate	Rate in Words	Amount	Amount in Words
<b>BUYBACK ITEMS</b>							
1	<b>Buyback of Mangalore roof tiles, existing windows, doors, ventilators</b> , flat tiles, runner at Main and Toilet building, etc., complete including stacking of serviceable material and disposal of unserviceable material at second floor tiled roof, including ridge tiles, hips, valleys and gutters etc., and stacking the material within 50 metres lead and lift conveyances, loading and unloading cost are to be included in the quoted rate ( <b>Purchase Rate Offered by the Contractor</b> ) for the following Items.						
a	Steel / MS items Scrap from windows and jack Arch Roof, window Grills, wooden items	5000.00	Kgs				
b	Aluminium Items	500.00	Kgs				
c	Flat tiles	1200.00	Sqm				
d	Mangalore tiles	650.00	Sqm				
e	Electrical Items, usable cable, switch gears	LOT	LOT				
<b>SUB - TOTAL OF BUYBACK ITEMS (C)</b>							
<b>SUMMARY</b>				<b>AMOUNT</b>		<b>AMOUNT IN WORDS</b>	
<b>SUB - TOTAL OF CIVIL WORKS (A)</b>							
<b>SUB - TOTAL OF ELECTRICAL WORKS (B)</b>							
<b>SUB - TOTAL OF BUYBACK ITEMS (C)</b>							
<b>GRAND TOTAL [ A + B - C ] EXCLUDING GST</b>							