

Indian Bank-Corporate Office

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**PART - 2**  
**FINANCIAL BID**

e-Tender document for Repair and Renovation (Civil, Plumbing,  
Interior & Electrical ) of Hostel Block in IMAGE at M.R.C Nagar,  
Raja Annamalaipuram, Chennai - 600 028.

**ISSUED TO**

**M/s.** \_\_\_\_\_

**Tender Ref. No.CO:EST:IMAGE:HOS:02:2022-23**  
**Date:31.05.2022**

**ARCHITECT:**

**M/s. FOARCONS Ganga Flats, 3/2-Nakkirar st.**  
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This document contains Part- 2 (Financial Bid) From 01 to 32 pages

INTERIOR WORKS ESTIMATION FOR RENOVATION OF IMAGE HOSTEL, INDIAN BANK, MRC NAGAR, CHENNAI					
S.N		QTY	UNIT	RATE	*AMOUNT
	<b>INTERIOR WORKS</b>				
1	<b>False ceiling - 1</b> Gypboard finish Supplying and Erecting gypboard false ceiling at different heights with framework of G.I. Section (of medium thickness) of spacing 1220mm x 610mm above with 12mm gypboard shall be fixed. Rate shall include cut-outs for lights designs. The ceiling shall be putty finished and sanded to form clean and homogeneous surface. cost include hidden lighting arrangements. Rate to include painting two coats of acrylic emulsion of approved colour after necessary preparation, primer etc. Cost include all necessary hardwares like nails, screws, wastages, transports, loading, unloading charges, joint tape, scaffolding, cutting charges, lead, lift, hire charges, labours, materials, tools etc. Complete as per drawings and instructions of the architect /bank engineer.	1,600	SQM		
2	<b>False ceiling -2</b> for toilets Grid false ceiling Providing and fixing tile grid ceiling of MOISTURE RESISTANT in aluminium powder coated sections supported from ceiling (1220mm x 610mm grid for support rods) with G.I framework of every 610mm x 610mm grid junction, proper levelling and finished of the joints & top surface as per manufactures specifications. All edges shall be perfectly straight. G.I angle shall be embedded within, at the edge and the surface finished flush with surrounding surfaces complete as directed. Cost include all necessary hardwares like nails, screws, wastages, transports, loading, unloading charges, scaffolding, cutting charges, lead, lift, hire charges, labours, materials, tools and etc. Complete as per drawings and instructions of the architect /bank engineer.	275	SQM		

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3	<b>False ceiling-3</b> for corridors Grid false ceiling Providing and fixing tile grid ceiling of Mineral fiber ceilings of 'CELOTEX PIN' with narrow Reveal edge corner bevel 14mm grid (bolt slot white & black) in aluminium powder coated sections supported from ceiling (1220mm x 610mm grid for support rods) with G.I framework of every 610mm x 610mm grid junction, proper levelling and finished of the joints & top surface as per manufactures specifications. All edges shall be perfectly straight. G.I angle shall be embedded within, at the edge and the surface finished flush with surrounding surfaces complete as directed. Cost include all necessary hardwares like nails, screws, wastages, transports, loading, unloading charges, scaffolding, cutting charges, lead, lift, hire charges, labours, materials, tools etc. Complete as per drawings and instructions of the architect /bank engineer.	500	SQM		
4	<b>Cornice for False ceiling</b> of approved design Cost include all necessary hardwares like nails, screws, wastages, transports, loading, unloading charges, scaffolding, cutting charges, lead & lift to all floors, hire charges, labours, materials, tools and etc. Complete as per drawings and instructions of the architect /bank engineer.	800	rm		
5	<b>Study tables</b> (1220mm length, 457mm width & 762mm height ) to be made with 19mm thick plywood frame work in all sides with one 19mm plywood shelf and footrest. All exposed surfaces, Table top, front apron finished with 1mm thick laminate and skirting to be finished with 1mm thick laminate of approved shade and colour. Internal surfaces finished with 0.8mm thick laminate of white colour of approved brand. Plywood edges to be finished with edge band of approved shade and colour, table edges to be finished with steam beech wood beading the same shall be finished by duco paint to	134	NOS		



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	match with laminate colour. Table staff side top plywood edge finished with half round steam beech wood beading with duco paint to match with laminate colour. Cost include All Necessary hardwares such as screws, nails and adhesives of approved make. Cost include wastages, transports, loading, unloading charges, labours, lead, lift, materials, tools and etc. Complete as per drawings and instructions of the architect /bank engineer.				
6	<b>book shelf above table</b> (1220mm length, 305mm wide and 305mm height ) Providing and fixing book shelf above study table made with 19mm thick plywood frame work back side 8mm plywood covering, and 19mm thick plywood openable doors with opening mechanism should be hydraulic type. All exposed surfaces finished with 1mm thick laminate and skirting finished with 1mm thick laminate of approved shade and colour, internal surfaces finished with 0.8mm thick white colour laminate of approved brand. Plywood edges to be finished with edge band of approved shade and colour. unit edges to be finished with steam beech wood beading the same shall be finished by duco paint to match with laminate colour. Side unit front side top edge finished with half round steam beech wood beading with duco paint. Cost include all necessary hardware such as hinges, handles and locks are of approved make. Cost include wastages, transports, loading, unloading charges, labours, materials, tools and etc. Complete as per drawings and instructions of the architect /bank engineer.	134	NOS		



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7	<b>Base unit</b> (2590mm length, 457mm wide and 610mm height ) Providing and fixing base unit made with 19mm thick plywood frame work back side, 8mm plywood covering and 19mm thick plywood openable doors, 3nos of drawer units. All exposed surfaces finished with 1mm thick laminate and skirting finished with 1mm thick laminate of approved shade and colour, internal surfaces finished with 0.8mm thick white colour laminate of approved brand. Plywood edges to be finished with edge band of approved shade and colour. Side unit edges to be finished with steam beech wood beading the same shall be finished by duco paint to match with laminate colour. Base unit front side top edge finished with half round steam beech wood beading with duco paint. Cost include all necessary hardware such as drawer slides, handles. magnetic catcher and locks are approved make. Cost include wastages, transports, loading, unloading charges, labours, materials, tools and etc. Complete as per drawings and instructions of the architect /bank engineer.	67	NOS		
8	<b>Mirror unit</b> (690mm length, and 2210mm height ) Providing and mirror unit made with 19mm thick plywood frame work back side, and 6mm mirror of 550mm wide, 1930mm ht fixed with 3mm sticker. All exposed surfaces finished with 1mm thick laminate and skirting finished with 1mm thick laminate of approved shade and colour. Plywood edges to be finished with edge band of approved shade and colour. Cost include all necessary hardwares are of approved make. Cost include wastages, transports, loading, unloading charges, labours, materials, tools and etc. Complete as per drawings and instructions of the architect /bank engineer.	67	NOS		



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9	<b>WARDROPE</b> (height 2440mm & width 610mm) to be made with 19mm thick plywood frame work, 19mm thick plywood shelf's and 19mm thick plywood openable shutters with opening mechanism should be hydraulic type. back side 8mm thick plywood covering, Storage External side, back side and skirting finished with 1mm thick laminate of approved shade and colour, internal surfaces finished with 0.8mm thick white colour laminate of approved brand. Plywood edges to be finished with steam beech wood beading and duco paint. Cost include all necessary hardware such as locks, hinges, handle, Wardrobe Rail Towel Rod and tower bolt are approved make. Cost include wastages, transports, loading, unloading charges, labours, materials, tools and etc. Complete as per drawings and instructions of the architect /bank engineer.	450	SQM		
10	<b>Roller Blinds-</b> Providing and fixing of Roller blinds on the windows at all heights, all materials and labour. Material & Color shade will be as per sample approved by architect /bank engineer. Basic cost of the roller blinds is 1200 /-. Per SQM.	160	SQM		
11	<b>Vertical blinds for window dressing -</b> Providing and fixing Vertical blinds of 100mm thick of approved shade and pattern. The rate shall include necessary scotch gird treatment on both sides. The overlapping should be uniform and adequate. Necessary operative arrangements, frames to be provided. The work to be completed as per specification. Make Alta vista and Marvel blinds for all room only.	50	SQM		





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12	<b>WALL PANELING</b> - with Anodized Aluminium frame work, heavy sections (2mm thickness) of 50mm x 25mm, covered with 6mm plywood and finished with 1mm thick laminate and skirting finished with 1mm thick laminate of approved shade and colour. Cost include all neccessary hardwares such as locks, hinges, screws, clamps, wastages, cutting, tools, labours, loading, unloading, transport, lead, lift, hire charges and etc. Rate to include providing cutouts and provisions to run electrical conduits, switches, db's and etc. Complete as per drawings and instructions of the architect /bank engineer.	200	SQM		
13	<b>Existing Flush Doors to be laminated</b> - existing flush doors painting to be removed by scraped/grinding with necessary accossaries, door to be finished with 1mm thick laminate of approved shade/design and colour. Door frame shall be finished with duco Paint to matched with laminate colour of necessary coats. Cost include wastages, transports, loading, unloading charges, labours, materials, tools lead & lift to all floors and etc. Cost also include necessary all new hardware's like door closures, handles, hinges, door stopper, tower bolts and etc. excluding locking system, Complete as per drawings and instructions of the architect /bank engineer.	290	SQM		
14	<b>Main door locking system</b> - Supply and fixing main door shall have the strongest next generation door lock: 3 Heavy Duty Bolts. 3 alloy steel double stroke Dead Bolts provide enhanced security Thicker, heavy duty Receptacle ensures solid protection. Door shutter 30 to 70 mm thick, left and right hand doors Common for both inside and outside opening doors. Lock shall have 3set of Keys as per manufacturs specifications, with one master control key for all doors/each floors. Complete as per instructions of the architect /bank engineer.	67	NOS		



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15	<b>Mosquito net for balconies:</b> Supply and fixing aluminum frames are made with sturdy virgin aluminum alloys, should be used rough handling and also makes stainless mosquito net system to withstand for longer years. The aluminum frames are coated with "asanable powder coating" with thickness of 25.4 microns, the coatings have special and thick bond with the aluminum frame surface, this prevents the frames from all wheather conditions to affect the aluminum surface directly which means the resistance from corroding and eroding never happens and the life span gets long lasting. The aluminium frames are directly fixed in the walls surfaces, and the openable shutter's aluminium frames are fixed with stainless steel mosquito nets. The Stainless steel net of 2mm size is made up of 304 F grade alloy, with premium quality stainless steel, and should have extensive property of rusting & corrosion resistance. Its fine wiring has to be improved durability and more protection from insects and birds, and should be better visiblity and ventilation with invisible screen technology. cost include necessary hardwares, etc. Complete as per drawings and instructions of the architect /bank engineer.	400	SQM		
16	<b>Supply and fixing the glass block</b> of size 200mm x 200mm 75mm thick and approved design to fixed inside the square openings in the balcony parapet walls, fixing with necessary fixing accossaries. Cost include removable metal frame in the square openings Complete as per drawings and instructions of the architect /bank engineer.	360	NOS		





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17	Supply and fixing wooden cot size of 915mm x 1830mm made with 19mm plywood frame work supports and verticals for top and bottom of cot, plywood finished with 1mm laminate of approved colour. Below the mattersses or top of the cot 12mm plywood finished with 1mm white colour laminate placed over the 19mm plywood frame work. cost include necessary accossaries etc. Complete as per drawings and instructions of the architect /bank engineer.	134	NOS		
18	Supply and fixing cot side unit size of 457mm x 457mm made with 19mm plywood frame work, finished with 1mm laminate of approved colour. Side unit shall have a drawer arrangements with locking fecility. Cost include all accossaries like telescopic runner for drawer, hardwares. placed inbetween two bed Complete as per drawings and instructions of the architect /bank engineer.	67	NOS		
<b>INTERIOR WORKS TOTAL</b>					



CIVIL WORKS ESTIMATION FOR RENOVATION OF IMAGE HOSTEL, INDIAN BANK, MRC NAGAR, CHENNAI					
S.No	DESCRIPTIONS	QTY	UNIT	RATE	*AMOUNT
	<b>CIVIL WORKS</b>				
1	<b>DEMOLITION WORKS:</b> Carefully dismantling and cutting the following items in the existing structure wherever required with all heights, special cutter, all accessories, arrangements and cart away the unuseable rubbish and debris from the site and complete as per standard. RCC slab with flooring and base mortar, RCC staircase with flooring and base mortar, 230mm & 115mm brick work with cement plaster to be demolshed with special cutter and without affecting adjacent structure like column, beam, brick work and etc. Cost include all necessary accessories like tools, cuttings charges for reinforcement in all sizes at any heights, labour charges, scaffolding, loading, unloading charges, lead & lift from basement to all floors wherever required, hire charges, transportation, conveyance charges and etc. Complete as per drawings and instructions of the architect /bank engineer.				
	a) 230mm thick brick work with plastering, lintel and reinforcement in all heights, depth and width. Mode of measurements actual demolished area at site in all following items. Unit-CUM.	50	CUM		
	b) 115mm thick brick work with plastering, lintel and reinforcement in all heights, depth and width. Mode of measurements actual demolished area at site in all following items. Unit-SQM.	100	SQM		
	c) marble floor cutting depth of as required for PVC pipe line and cart away the debris from site Mode of measurements actual demolished area at site in all following items. Unit-CUM.	100	SQM		
2	<b>MAKING</b> core cutting in the RCC floor slab/RCC beams wherever required for plumbing lines/electrical cable lines/ac copper lines/etc with size of 2" to 6". Cost include any floor levels, any floor heights, cleaning, curing, scaffolding, hire charges, tools, materials, loading, unloading charges, transports, lead & lift to all floors, special cutters, labours and etc. Complete as per instructions of the architect /bank engineer.	134	NOS		



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3	<b>Brick Work 230mm Thick-</b> Providing and constructing 230mm thick brick masonry with C.M 1:6 of approved quality bricks of standard size and specifications with necessary accessories like curing, leveling, wastages, transport, loading, unloading charges, tools, labours, scaffolding, lead & lift to all floors, hire charges, materials and etc. Complete at all height. Complete as per instructions of the architect /bank engineer.	100	CUM		
4	<b>Brick Work 115mm Thick-</b> Providing and constructing 115mm thick brick masonry with C.M 1:4 of approved quality bricks of standard size and specifications with necessary accessories like curing, leveling, wastages, transport, loading, unloading charges, tools, labours, scaffolding, lead & lift to all floors, hire charges, materials and etc. Complete at all height. Complete as per instructions of the architect /bank engineer.	200	SQM		
5	<b>PLASTERING:</b> Plastering the new brick works in C.M. 1:4 ( 1 Cement 4 river sand ) with thickness varying from 12mm to 19mm at all heights in external surfaces . Rates to include cost of all materials, labour, scaffolding, transport, loading, unloading charges, scaffolding, hire charges, tools, curing and completion the work in all respects.	300	SQM		
6	<b>MARBLE FLOORING:</b> Supplying and fixing New Marble flooring and skirting to match with existing marble colour & pattern and wherever required on the damaged surfaces or unlaying spaces with 20mm thick and edge machine polish to required finish. Marble to be laid on the Cement mortar (1:3) 35mm thick bedding and cement slurry for 3.3kg/sq.m as per approved design patterns and joints pointed in white cement mixed with admixturing pigments matching to the colour of marble tiles including cutting polishing, cleaning tile top and etc. Marble to be polished with Wax polish. complete including cost of all materials, labour charges, tools, wax polish, wastages, lead & lift all floors, cutting charges, loading, unloading charges, conveyance charges, hire charges, transport, curing and etc. Cost include removal of the existing marble wherever damaged on the surface. Complete as per instructions of the architect /bank engineer.	75	SQM		



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7	<b>MARBLE POLISHING:</b> Cleaning, Grinding, rubbing and polishing of Marble flooring where ever laid in the existing building to all floors, including stairs risers and treads all complete in standards. Shall include thoroughly removing the dirt, cement mortar, paint, dust and etc on the existing marble surface. After grinding, cleaning & polishing work and making their surface clean and clear as before. The contractor should take all precautions to safeguard wood paneling, windows, doors , electrical equipment's/fittings and etc. from scratching/ damage by suitable covering so as to avoid any damage to the installed/fixed structure. Cracks/joints in the floor shall also be cleaned carefully and filled with cement slurry of matching pigment and levelling of surface to be done properly and as per architect /bank engineer's satisfaction including draining out the waste/water using buckets and etc. whatsoever. This shall also include mirror polishing on Marble flooring including stairs risers and treads floors with wax polish of approved brand and manufacture specifications. This work shall include supply of material. Necessary precaution to be taken to avoid slippage of dirt/Grinding material in the openings of floor ducting by covering with suitable material etc. wherever required and as directed by the architect /bank engineer. Cost include labour, loading, unloading charges, lead & lift to all floors, materials, tools, and etc.	700	SQM		
8	<b>TOILET FLOOR TILE-</b> Supply and fixing of Non slippery Toilet flooring tile size 300mm x 450mm x 10mm thick laid over 20mm thick cement mortar 1:3 (One cement and Three sand) base mortar and mixed with water proof compound (Algi proof) at 2% by weight of cement in floor of toilets, applied over the existing floor including cutting the existing tiles to the required size with special cutter wherever necessary and cart away the debris from the site, laying in position and pointing with white cement mixed with colouring pigments at the rate of 0.3 kg/sq.m etc. Complete complying with standard specifications. Cost include removal of existing flooring tile by using special cutter, wastages, scaffolding, cutting, tools, transport, loading, unloading, materials and etc. Complete as per instructions of the architect /bank engineer. Basic	300	SQM		



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	cost tiles is Rs.780/- per sqm				
9	<b>TOILET WALL TILE-</b> Supply and fixing of Glazed wall tiles size of 300mm x 450mm x 10mm thick laid over 12mm thick cement mortar 1:3 (One cement and Three sand) base mortar and mixed with water proof compound (Algi proof) at 2% by weight of cement in wall of toilets, over the existing wall including cutting the existing wall tiles to the required size as per site condition with special cutter wherever necessary and cart away the debris from the site, fixing in position and pointing with white cement mixed with colouring pigments and etc. Complete complying with standard specifications. Cost include wastages, cutting, tools, transport, loading, unloading, scaffolding, materials making holes for plumbing and sanitary fixtures lines and etc. Complete as per instructions of the architect /bank engineer. Basic cost tiles is Rs.750/- per sqm	1350	SQM		
10	<b>Supply and filling BJC for sunken portion</b> after completing plumbing lines, water proofing plating etc. cost include removing the existing plumbing lines, existing bjc and cart away the debris from the site. Complete as per instructions of the architect /bank engineer.	350	SQM		
11	<b>Water Proofing Plastering</b> in Toilet Floor and Toilet Walls upto 915mm level: Prepare the surface of Toilet floor and walls upto required width and length and plaster with cm 1:3, 16mm to 20 mm thick mixed with water proof compound of approved make at 2% by weight of cement. Complete complying with standard specifications and as directed by architect /bank engineer. Cost include all accessories like wastages, transports, loading, unloading charges, chipping the existing plastering, labours, materials, tools, lead, lift, all taxes & duties, approved water proofing compound and etc. Measurement shall be measured in applied area only in SQM. Complete as per instructions of the architect /bank engineer	1000	SQM		



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12	<b>WPC Doors with frames for toilets</b> - Supplying and fixing 30mm Solid core WPC door to be fixed WPC door frames with all necessary fixing accessories, arrangements and etc. Door size 762mm x 2135mm, 915mm x 2135mm. the doors are finished with 1coat wood primer, 2coats of enamel paint approved colour. Cost include of necessary hardwares, and removal of existing wooden doors and frames, cart away the debris from the site. Complete as per instructions of the architect /bank engineer	120	SQM		
	<b>PAINTING WORKS</b>				
1	<b>ACRYLIC EMULSION TO INTERNAL WALLS-</b> Providing and applying two or more coats of ready mixed acrylic emulsion paint of approved brand and shade to give an even shade, after thoroughly scraping & removing the existing paint prepare surface and fill up the hair line cracks with crack fillers after wide opening the crack 1 to 2mm wide with long nail, apply one coat of primer and smooth full putty as per bank engineer/architect /bank engineer satisfaction. All complete at all floor levels. Cost include removal of the existing paint, wastages, cutting, tools, transport, loading, scaffolding, unloading, lead & lift to all floors, all taxes & duties, materials and etc. Complete as per instructions of the architect /bank engineer.	7000	SQM		
2	<b>ACRYLIC EMULSION TO CEILING AREAS-</b> Providing and applying one or more coats of ready mixed acrylic emulsion paint of approved brand and shade to give an even shade after thoroughly scraping & removing the existing paint prepare surface and fill up the hair line cracks with crack fillers after wide opening the crack 1 to 2mm wide with long nail, apply one coat of primer. All complete at all floor levels. Cost include removal of the existing paint, wastages, cutting, tools, transport, loading, scaffolding, unloading, lead & lift to all floors, all taxes & duties, materials and etc. Complete as per instructions of the architect /bank engineer	1300	SQM		





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3	<b>ENAMEL PAINTING TO WINDOWS AND GRILL-</b> Providing and applying Ready mixed enamel paint in Wood and metal surface (doors frames, windows, hand rails and wherever required) of approved brand and manufacture in all shades to give an even shade on wood work or steel work with two or more coats over a coat of appropriate primer after thoroughly cleaning the old painted surface for dirt, oil, greace, rust, etc., at all floor levels in all heights. Cost include removal of the existing paint, wastages, cutting, tools, transport, loading, scaffolding, unloading, lead & lift to all floors, all taxes & duties, materials and etc. Complete as per instructions of the architect /bank engineer.	450	SQM		
4	<b>EXTERIOR EMULSION TO OUTER WALLS -</b> Removing the old cement based water proof paint by thorough scraping and sand papering and preparing the surface by effecting necessary repairs to cracks using crack filter, complete and painting with two or more coats of exterior emulsion paint of approved brand, shade and manufacture and of required shade over a coat of approved primer to give an even shade to exteriors faces of wall at all floor levels in all heights. Cost include removal of the existing paint, wastages, cutting, tools, transport, loading, scaffolding, unloading, lead & lift to all floors, all taxes & duties, materials and etc. Complete as per instructions of the architect /bank engineer	2100	SQM		
	<b>REPAIR WORKS</b>				
1	<b>POLYMER CONCRETEING :</b> The concrete spalling places or the patch, where the exisiting plaster has cracked, crumbled or sounds hollow when gently tapped on the surface, shall be removed. The patch shall be cut out to a square or rectangular shape marked on the wall as directed by the engineer-in-charge or his authorized representative. The edge shall be slightly under cut to provide a neat joint. The area to be filled with polymer modified concrete using guniting method and filled inside concrete surface until the voids are filled and no further concreting is required. The surface shall then be thoroughly washed with water, and kept wet till plastering is commenced. Mortor of 1:4 mix with the specified sand shall be used, cement finished with a floating coat of neat cement of mix with waterproofing compound of approved make in proportion recommended by the manufacturer. The method of application shall be as per the standards for single coat plaster work of specified mix and all dismantled mortor and rubbish etc. shall be disposed of the rates including providing suitable	50	CUM		



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	scaffolding, necessary working platform,de-scaffolding curing & cart away the debris outside from the premisis etc complete as directed by the engineer-in-charge.				
	<b>TERRACE TREATMENTS</b>				
1	<b>WEATHERING COURSE TILES REMOVAL:</b> Removal of the Existing weathering course wherever required with special cutter and cleaning, curing, scaffolding, hire charges, tools, materials, loading, unloading charges, transports, lead & lift to all floors, special cutters, labours, cart away debris from site, should not damage the existing water line and etc. Complete as per instructions of the archiect /bank engineer.	1100	SQM		
2	<b>Terrace Water Proofing Plastering</b> in terrace over existing weather course, cement plaster with cm 1:3, 16mm to 20 mm thick mixed with water proof compound of approved make at 2% by weight of cement. Complete complying with standard specifications and as directed by architect /bank engineer. Cost include all accessories like wastages, transports, loading, unloading charges, chipping the existing plastering, labours, materials, tools, lead, lift, all taxes & duties, approved water proofing compound, consider for water line arrangements and etc. Measurement shall be measured in applied area only in SQM.	1100	SQM		
3	<b>Cool Tiles for terrace :</b> Cool tiles (Ceramic Gloss Heat Proof Tiles) of size 300mm x 300mm x 15mm thick shall be laid in cement mortar 1:3 ( 1 part of cement & 3 weight of cement or any other water proofing compound and joints pointed with the same oiled mortar top surface rendered smooth with the same oiled cement mortar curved junction of parapet wall with the same pressed tiles to ensure non - seepage of water through the edges. Cost include sloped skirting with 150mm height, curing, tools, materials, loading, unloading charges, transports, lead & lift to all floors, labours, consider for water line arrangements and etc. Complete as per instructions of the architect /bank engineer. cost of the cool tiles Rs.452/-sqm	1200	SQM		



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4	<b>WEATHERING TILE SLOPED ROOF:</b> Sloped roof tiles shall be laid in cement mortar 1:3 ( 1 part of cement & 3 weight of cement or any other water proofing compound and joints pointed with the same oiled mortar top surface rendered smooth with the same oiled cement mortar curved junction of parapet wall with the same pressed tiles to ensure non - seepage of water through the edges. Cost include sloped skirting with 6" height, and Removal of the Existing weathering tile flooring and wherever required with special cutter and cleaning, curing, scaffolding, hire charges, tools, materials, loading, unloading charges, transports, lead & lift to all floors, special cutters, labours and etc. Complete as per instructions of the architect /bank engineer.	50	SQM		
5	<b>RCC PARAPET WALL COPING:</b> reinforced cement concrete size of 305mm, x 150mm to 100mm height above the parapet wall with necessary reinforcement, shuttering, and concrete mix of 1:2:3 with approved shape, propre curing and etc. Cost include removal of damaged existing coping stone, plastering the new coping stone with parapet in required height, curing, tools, materials, loading, unloading charges, transports, lead & lift to all floors, labours and etc. Complete as per instructions of the architect /bank engineer.	100	RM		
6	<b>EXTERIOR EMULSION TERACOTTA COLOUR</b> - Removing the old cement based water proof paint by thorough scraping and sand papering and preparing the surface by effecting necessary repairs to cracks using crack filter above sloped roof tiles, complete and painting with two or more coats of teracotta colour exterior emulsion paint of approved brand, shade and manufacture and of required shade over a coat of approved primer to give an even shade to exteriors faces of wall at all floor levels in all heights. Cost include removal of the existing paint, wastages, cutting, tools, transport, loading, scaffolding, unloading, lead & lift to all floors, all taxes & duties, materials and etc. Complete as per instructions of the architect /bank engineer	500	SQM		
<b>CIVIL WORKS TOTAL</b>					



PLUMBING WORKS ESTIMATION FOR RENOVATION OF IMAGE HOSTEL, INDIAN BANK, MRC NAGAR, CHENNAI					
S.No	DESCRIPTIONS	QTY	UNIT	RATE	*AMOUNT
	<b>PLUMBING WORKS</b>				
1	<b>HALF PEDASTAL BASIN</b> : Providing and fixing Half pedastal basin size of 660mm x 470mm x 470mm HT including necessary Bracket, Connection hose of approved length, waste pipe etc., complete in all standards. Cost include all necessary fixing accessories such as tools, materials, labours, transport, loading, unloading charges and etc. Complete as per instructions of the Architect/bank engineer. basic cost of wash basin with half pedestal Rs.6,670/-	67	NOS		
2	<b>OVER COUNTER BASIN:</b> Providing and fixing of Over Counter Basin size 380mm x 490mm including necessary fixing accessories and arrangements like RCC slab with black granite, side WPC panelling for counter, Connection hose 610mm length, waste pipe etc., complete in all standards. Cost include all necessary fixing accessories sush as tools, materials, labours, transport, loading, unloading charges and etc. Complete as per instructions of the Architect/bank engineer. basic cost of wash basin Rs.8,165/-	65	NOS		
3	<b>EUROPEAN WATER CLOSET-</b> Providing and fixing of EWC with flushing tank, relevant "P" or "S" traps, connection hose and including all necessary civil work, accessories, arrangements and etc. Cost include removing the existing EWC and IWC with flushing tank and stacking the same at a place within the premises as directed by the officer's. Rates to include cost of all materials, labour, transport, loading, unloading charges, tools, lead & lift to all floors and completion the work in all respects. Complete as per instructions of the Architect/bank engineer. basic cost of wash basin Rs.10,500/-	65	NOS		



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4	<b>BATH ROOM FITTINGS</b> - Providing and fixing the following fixtures/ fittings of approved brand and design & specified locations as per site conditions with all necessary accessories, arrangements and etc. Fittings make & model to be finalized by the Architect/Bank engineer. Cost include all necessary fixing accessories such as all necessary civil works, tools, materials, labours, transport, loading, unloading charges, lead & lift to all floors, all taxes & duties and etc. Complete as per instructions of the Architect/bank engineer.				
	a) CP brass <b>Wall Mixer</b> With Provision For Overhead Shower with flange. basic cost - Rs.6,300/-	65	NOS		
	b) CP brass <b>3 Flow Overhead Shower</b> with flange. basic cost - Rs.1,650/-	65	NOS		
	c) CP brass <b>pillar cock</b> for wash basins. basic cost - Rs.2,050/-	65	NOS		
	d) CP brass <b>pillar cock Long Neck</b> for wash basins. basic cost - Rs.1,350/-	67	NOS		
	e) <b>Health faucet</b> WT 1.5 M Hose Pipe & Hook. basic cost - Rs.1,075/-	65	NOS		
	f) CP brass <b>Angular Stop Cock</b> With Wall Flange basic cost - Rs.625/-	195	NOS		
	g) CP brass <b>Angular Stop Cock 2 in 1</b> advanced With Wall Flange basic cost - Rs.1,250/-	65	NOS		
	h) CP brass <b>Bottle Trap</b> Economy 32 mm. basic cost - Rs.1,675/-	65	NOS		
	i) CP brass <b>Rubbic Soap Dish</b> with flange. basic cost - Rs.1,400/-	65	NOS		
	j) CP brass <b>coat hook</b> with flange. basic cost - Rs.575/-	65	NOS		
	k) CP brass <b>Towel Bar</b> . basic cost - Rs.1,250/-	65	NOS		
	l) CP brass <b>Paper holder with cover</b> . basic cost - Rs.975/-	65	NOS		
	m) <b>MIRROR</b> supplying and fixing Mirror (size 500mm x 760mm ht) above 12mm WPC board backing with necessary fixing accessories. Edge of WPC painted with enamel finish	65	NOS		
	n) Grab Bar For Disable-friendly Bathroom 692 mm Long Rs.7950/-	15	NOS		
	o) Grab Bar For Disable-friendly Bathroom Vertical Swing, Rs.19700/-	6	NOS		
	p) Shower chair with back rest (foldable) 465 x 315 mm Rs.15,000/-	3	NOS		



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5	<b>FLOOR TRAP:</b> Supplying and Fixing position PVC floor trap of the following sizes with square type (303 grade ) Best stainless steel gratings of approved brand and quality of size 110mm dia inlet, 75mm and 50mm dia outlet with all necessary fixing accessories, arrangements and etc. Cost include labour, tools, materials, lead, lift, removing the existing floor trap, cutting the floor slab, loading, unloading and etc. Complete as per instructions of the Architect/bank engineer.	130	NOS		
6	<b>GULLY TRAP:</b> Supplying and Fixing position GULLY TRAP trap of the following sizes for all toilet drainage line out let to manhole chambers, with Best stainless steel gratings of approved brand and quality of size 160/110mm dia inlet, 75mm and 50mm dia outlet with all necessary fixing accessories, arrangements and etc. Cost include constructing a brickwork chamber with RCC manhole. Cost include labour, tools, materials, lead, lift, removing the existing floor trap, earth work, necessary concrete packing, loading, unloading and etc. Complete as per instructions of the Architect/bank engineer.	26	NOS		
7	<b>PVC SANITARY PIPES:</b> Providing and fixing PVC pipes of following sizes to be fixed in the walls, slab, column or any rcc structure in all floor levels, toilet soil waste, sewage water waste, rain water pipe line and wherever required with all necessary fixing accessories, arrangements and etc. Cost including the necessary specials like coupler, reducer, bend 45 degree, plain bend, door bend, single wye, single wye door, double wye, double wye door, single tee, single tee door, double tee, double tee door, door cap, nahani trap, multi floor trap, p trap, w.c connector with ring, solutions, vent bowl, rubber ring, necessary fixing clamps and etc. Cost include removal of the existing PVC pipes and fittings in all sizes with all heights and etc. Cost include all necessary fixing accessories such as all necessary civil works, tools, materials, scaffolding, labours, transport, loading, unloading charges, lead & lift to all floors, all taxes & duties and etc. Complete as per instructions of the Architect/bank engineer.				
	a) PVC 50mm dia (4 kg/cm <sup>2</sup> )	100	RM		





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	b) PVC 75mm dia ( 4 kg/cm <sup>2</sup> )	340	RM		
	c) PVC 110mm dia ( 4 kg/cm <sup>2</sup> )	150	RM		
8	<b>SOIL AND WASTE PIPES (EXTERNAL) - uPVC 6 kgf/sq.cm Pipes and PVC pipe specials</b>				
	a) Using 63mm dia pipe.	300	RM		
	b) Using 75mm dia pipe.	350	RM		
	c) Using 110mm dia pipe.	500	RM		
	d) Using 150mm dia pipe.	120	RM		
9	<b>WATER SUPPLY - CPVC - SDR-13.5 Pipes</b>				
	a) 15mm dia ID pipe with pipe specials (20 dia nominal bore)	200	RM		
	b) 20mm dia ID pipe with pipe specials (25 dia nominal bore)	400	RM		
	c) 25mm dia ID pipe with pipe specials (32 dia nominal bore)	150	RM		
	d) 32mm dia ID pipe with pipe specials (40 dia nominal bore)	120	RM		
	e) 40mm dia ID pipe with pipe specials (52 dia nominal bore)	300	RM		
10	<b>EXTERNAL PLUMBING FITTINGS</b>				
	a) Using 40mm dia Ball Valve.	3	Nos		
	b) Using 32mm dia Ball Valve.	13	Nos		
	c) Using 25mm dia Ball Valve.	71	Nos		
11	<b>EXTERNAL MANHOLE CHAMBERS</b>				
	a) Constructing manhole chamber 230mm thick brick work over the pcc bed, internal finished with water proof plastering, top covered with Heavyduty CI manhole cover size of the chamber 600mm x 600mm /450mm x 450mm height as per slope/site condition cost include earth work excavation and etc.	14	Each		
	b) Constructing manhole chamber 150mm thick brick work in the ground, internal finished with water proof plastering, top covered with Heavyduty CI manhole cover size of the chamber 450mm x 450mm height as per slope/site condition.	12	Each		
	<b>PLUMBING WORKS TOTAL</b>				



ELECTRICAL WORKS ESTIMATION FOR RENOVATION OF IMAGE HOSTEL, INDIAN BANK, MRC NAGAR, CHENNAI					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
	<b>ELECTRICAL WORKS</b>				
<b>A</b>	<b>MAIN DISTRIBUTION BOARD</b>				
1	<b>GF PANEL BOARD:</b> Manufacturing, supplying and installation of cubicle type switch board fabricated out of 2mm thick sheet steel, free standing totally enclosed dust and vermin proof and locking arrangement of the board and providing and fixing following switch gears with cable entry boxes for both incoming and outgoing cables termination glands interconnection, connections powder coated painting, earthing etc. as required. Incomer: (a) 400Amps MCCB 4P, 36 KA, TM release with rotary handle (b) 500Amps Alum. Bus bar 4 strip of suitable length ..1 Lot. (c) Multi function panel meter L&T with CTs - 1 set (d) Set of LED indicating lamps 1 set Outgoing: (a) 250Amps MCCB 4P, 25KA TM with rotary handle- 4Nos. (b) 63Amps MCCB 4P, 25 KA TM with rotary handle- 8Nos.	1	SET		
2	Supplying and fixing <b>SMDB of IP 43, 6 way</b> surface/recess mounting, Sub Main Distribution Board (SMDB) with MCCB as incomer and MCCB's as outgoing devices, with side cabling boxes top and bottom cabling box and Corner boxes, Conforms to IEC 61439-2 I/c Followings, 250A 4P 25 KA TM MCCB-1 no as Incomer, 160 A 4P MCCB - 3 No's and 63 A 4P MCCB -3 no's as Out going, etc as required.	3	SETS		
3	<b>DB (6WAY VTPN DB)</b> Three Phase, Phase Distribution board with neutral bar, earth bar, cables ties, top and bottom removable gland plate and with necessary adopter boxes if any. The DB should be IP 43 metallic double door with provision of MCB&ELCB etc as required including cutting of wall and plastering the same with neat finish. It comprising as follows:- Incomer : 160A 4P MCCB 25 KA , Outgoings: 25/20 A SP MCBs- 18Nos for PDBs ,1st floor	1	SETS		



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4	<b>DB (12WAY VTPN DB)</b> Three Phase, Phase Distribution board with neutral bar, earth bar, cables ties, top and bottom removable gland plate and with necessary adopter boxes if any. The DB should be IP 43 metallic double door with provision of MCB&ELCB etc as required including cutting of wall and plastering the same with neat finish. It comprising as follows:- Incomer : 160A 4P MCCB 25 KA , Outgoings: 25/20 A SP MCBs- 36Nos for PDBs , 2nd & 3rd floors	5	SETS		
5	<b>DB (6WAY TPN DB)</b> Three Phase, Phase Distribution board with neutral bar, earth bar, cables ties, top and bottom removable gland plate and with necessary adopter boxes if any. The DB should be IP 43 metallic double door with provision of MCB&ELCB etc as required including cutting of wall and plastering the same with neat finish. It comprising as follows:- Incomer : 63A 4P MCB 25 KA , Outgoings: 10/6A SP MCBs- 18Nos for LDBs for 1st, 2nd and 3rd floors.	6	SETS		
6	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess two different Locations including providing and fixing 25 A modular socket outlet and 32 A modular DP Switch and 25 A 3 Pin Top including connections, painting etc. as required. (for AC Points).	90	SETS		
7	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess two different Locations including providing and fixing 16 A modular socket outlet and 16 A modular SP Switch with Indicator including connections, painting etc. as required. (for Geyser Points).	67	SETS		
8	Supply and fixing 16 A DP Modular Switch with Suitable Size GI Modular box and Plate etc as required, for Rooms Lighting Control.	67	SETS		
<b>B</b>	<b>POWER CABLE &amp; TERMINATION</b>				
1	Supply and laying of 3.5c x 70 sq.mm XLPE insulated and PVC sheathed armoured aluminium conductor power cable of 1.1 KV grade conforming to IS 7098 (Part 1) 1988 as required Cost include all Clamps, screws, junctions, clippings, Cutting, plastering and concealed or open in manner slab/wall and etc. FOR GF PANEL BOARD to SMDB	50	RM		



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2	Supply and laying of 3.5c x 35 sq.mm XLPE insulated and PVC sheathed armoured aluminium conductor power cable of 1.1 KV grade conforming to IS 7098 (Part 1) 1988 as required Cost include all Clamps, screws, junctions, clippings, Cutting, plastering and concealed or open in manner slab/wall and etc. FOR SMDB to PDB	240	RM		
3	Supply and laying of 4c x 6 sq.mm XLPE insulated and PVC sheathed armoured copper conductor power cable of 1.1 KV grade conforming to IS 7098 (Part 1) 1988 as required Cost include all Clamps, screws, junctions, clippings, Cutting, plastering and concealed or open in manner slab/wall and etc. FOR SMDB to LDB	240	RM		
4	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5c x 70 Sq.mm XLPE insulated and PVC sheathed ,aluminium conductor cable of 1.1 KV grade as required.	6	NOS		
5	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5c x 35 Sq.mm XLPE insulated and PVC sheathed ,aluminium conductor cable of 1.1 KV grade as required.	12	NOS		
6	Supplying and making end termination with brass compression gland and aluminium lugs for 4c x 6 Sq.mm XLPE insulated and PVC sheathed , copper conductor cable of 1.1 KV grade as required.	12	NOS		
<b>C</b>	<b>LIGHT POINTS WIRING</b>				
1	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in the surface/ recessed PVC conduit including dismantling as required.				
	a) One light Controlled by One Switch	400	PTS		
	b) Two Lights Controlled by One Switch	150	PTS		
	c) Three Lights Controlled by One Switch	95	PTS		
	d) Four Lights Controlled by One Switch	140	PTS		
	e) Two way Controlled by Two Switch (fans)	134	PTS		
	f) 6A Sockets and Switch in the switch board itself	205	PTS		
	g) 2 M Step Type Electronic regulator with switch socket type	134	No's		
2	Supplying and drawing of 2 runs of 2.5 sqmm FRLS PVC insulated multistrand copper conductor wire	3000	RM		

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	with 1 run 1.5 sqmm copper wire as earth wire with suitable PVC conduit pipe with necessary fixing accessories for 5amps sockets/Lighting circuit mains. Cost include all bends, clamps, screws, junctions, clippings, wire conduits, Cutting, plastering and concealed or open in manner slab/wall/ partitions and etc,as required.				
3	Supplying and Laying of 2 runs of 4 sqmm FRLS PVC insulated multistoried copper conductor wire with 1 run 2.5 sqmm copper wire as earth wire with suitable conduit pipe with necessary fixing accessories etc. Cost include all bends, clamps, screws, junctions, clippings, Cutting, plastering wire conduits and concealed or open in manner slab/wall/partitions and etc,,as required.	4150	RM		
<b>D</b>	<b>POWER POINTS OUTLETS</b>				
1	Supplying and fixing 6 pin 5/6 & 15/16A modular socket suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing of 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switchs, connections etc. as required.	140	SETS		
2	Supplying and fixing 3 pin 5/6 A modular socket suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	150	SETS		
3	Supplying and fixing metal clad socket suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing metal clad socket outlet, connections etc. as required. For AC power	67	SETS		
4	Supplying and fixing gyser 3pin 15/16 A modular socket suitable size GI box with modular plate and cover in front on surface or in recess, connections etc. as required. For gyser power	67	SETS		
<b>E</b>	<b>LIGHT FIXTURES</b>				
1	Supplying and fixing of LED 15W square light with all necessary fixing accessories, arrangements and etc. The size of the fixture as per the manufacturers standards and specifications. Cost include all necessary accessories like chains, tools, hardwares, lead, lift, wastages, loading, unloading charges, transport and etc.	324	NOS		





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2	Supplying and fixing of LED 8W mirror 610mm long mirror light with all necessary fixing accessories, arrangements and etc. The size of the fixture as per the manufacturers standards and specifications. Cost include all necessary accessories like chains, tools, hardwares, lead, lift, wastages, loading, unloading charges, transport and etc.	67	NOS		
3	Supplying and fixing of LED 6W round down light with all necessary fixing accessories, arrangements and etc. The size of the fixture as per the manufacturers standards and specifications. Cost include all necessary accessories like chains, tools, hardwares, lead, lift, wastages, loading, unloading charges, transport and etc.	670	NOS		
4	Supplying and fixing of LED 2W round down mirror light with all necessary fixing accessories, arrangements and etc. The size of the fixture as per the manufacturers standards and specifications. Cost include all necessary accessories like chains, tools, hardwares, lead, lift, wastages, loading, unloading charges, transport and etc.	67	NOS		
5	Supplying and fixing of <b>Hidden LED Lighting (120nos/mts)</b> in false ceiling area of warm white(2700K) and brand with all necessary manufactures specification and fixing accessories, arrangements and etc.				
	a) 20mts LED strips with necessary led drivers	65	NOS		
6	Supplying, installing, testing and commissioning of pre wired 1 x 20 LED extruded aluminium housing battern type fittings of size 4 feet complete ( efficiency should be not less than 125 lumen/watt) with electronic drive and all accessories i/c lamps directly on existing ceiling/wall including connection etc. as required.	75	NOS		
7	Supply, Installation, testing and commissioning of 1200 mm sweep high speed ceiling fan with all accessories, etc. as required. Fan make & model to be approved by bank engineer/architect.	130	NOS		
8	Providing and fixing of ceiling mounted exhaust fan of approved make to be fixed in wall or partition with electronic regulator. Cost include all hardwares, screws, clamps and etc. Fan make & model to be approved by bank engineer/architect.	67	NOS		





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9	Providing and fixing 9" Medium Duty Metal Body exhaust fan of approved make for bath rooms to be fixed in grills or walls. Cost include all hardwares, screws, clamps and etc. Fan make & model to be approved by bank engineer/architect.	67	NOS		
10	Providing and fixing calling bell with wiring from bell to switch Cost include all hardwares, screws, clamps and etc. Fan make & model to be approved by bank engineer/architect.	67	NOS		
<b>F</b>	<b>EARTHING</b>				
1	Galaxy Maintenance Free Earthling <b>Model No: GAL-502 Single Pipe Electrode</b> (47mm dia pipe 3 mtr long with moisture booster of 25 kg bag 2 Nos). Cost include 1'0"x1'0"x 9" brick work chamber and 1'0"x1'0" RCC manhole with handle. Complete as per instructions of the bank engineer/architect.	2	NOS		
2	Supply and Laying of 25x5 mm flat copper from Earth pit to PANEL BOARDS. Cost include all bends, clamps, screws, junctions, clippings, wire conduits and concealed or open in manner slab/wall/partitions and etc. Complete as per instructions of the bank engineer/architect.	100	RM		
3	Supply and Laying of No.8SWG copper wire from Earth pit to UPS/switch Board. Cost include all bends, clamps, screws, junctions, clippings, wire conduits and concealed or open in manner slab/wall/partitions and etc. Complete as per instructions of the bank engineer/architect.	100	RM		
4	Supply and Laying 10 sq.mm FRLS PVC insulated copper cable and PVC conduits for db's earth. Cost include all bends, clamps, screws, junctions, clippings, wire conduits, wastages and concealed or open in manner slab/wall/partitions and etc. Complete as per instructions of the bank engineer/architect.	480	MTS		
5	Supply and Laying 4 sq.mm FRLS PVC insulated copper cable and PVC conduits for db's earth. Cost include all bends, clamps, screws, junctions, clippings, wire conduits, wastages and concealed or open in manner slab/wall/partitions and etc. Complete as per instructions of the bank engineer/architect.	480	MTS		
<b>G</b>	<b>TELECOMMUNICATION</b>				



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1	Supply and laying of 2 pair telephone cable telecom box to EPABX system with suitable PVC conduit pipe with all necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings and concealed or open in manner slab/wall/ partitions and etc. Cost include removal of the existing wirings and handovered to the bank engineer. Make of 2 pair wire's- POLYCAB, ANCHOR, FINOLEX & ORBIT.	1500	RM		
2	Supply, Installation, Testing and Commisioing of Modular type 1Nos of RJ11 in PVC surface box with suitable Faceplate fixing the same in the wall/partitions with all necessary fixing accessories, arrangements and etc. Cost include removal of the existing points and handovered to the bank engineer. Make of RJ11 - ANCHOR ROMA.	67	SET		
3	Supply and laying of 20 pair telephone cable krone connector to EPABX system with suitable PVC conduit pipe with all necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings and concealed or open in manner slab/wall/ partitions and etc. Cost include removal of the existing wirings and handovered to the bank engineer. Make of 20 pair cable's- POLYCAB, ANCHOR, FINOLEX & ORBIT.	360	RM		
4	Supply and Fixing of 20 pair krone connector with enclosure with all necessary fixing accessories, arrangements and etc. Cost include fixing all hardwares and accessories.	6	NOS		
<b>H</b>	<b>LAN CABLING FOR WIFI NETWORK</b>				
1	Supplying and fixing E-CAT6 cable with PVC conduit pipe from HUB to each room's RJ45 I/O including proper termination and marking with tags with all necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings and concealed or open in manner slab/wall/ partitions and etc. Cost include all accessories like tools, lead, lift, loading, unloading charges, cutting, transport, labour charges, wastages and etc. Make of Cat-6 cable- D-LINK.	1500	RM		
2	Supplying and fixing RJ45 I/O with metal or plastic consealed box & mounting face plate with all necessary fixing accessories, arrangements and etc. Cost include all accessories like tools, lead, lift, loading, unloading charges, cutting, transport, labour charges, wastages and etc. Make of RJ45 - ANCHOR ROMA.	30	SET		



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3	Supplying and fixing RJ45 mounting cord length of 3feet. Cost include all accessories. Cost include removal of the existing points and handovered to the bank engineer. Make of Cat-6 mounting cord- D-LINK.	30	NOS		
4	Supply&Installation of 24 Port CAT-6 Switch with all necessary fixing accessories, arrangements and etc. Make of Switch - D-LINK.	1	SET		
5	Supply&Installation of 24 Port CAT- 6 Jack Panel with all necessary fixing accessories, arrangements and etc. Make of Jack panel - D-LINK.	1	SET		
6	Supply, Testing and fixing of 9U Wall Mountable Closed Rack with tinted glass door, lock key and multiple sockets along with the spick card. Cost include mounting charges, screws, hardwares and etc. Cost include all accessories like tools, cutting, transport, labour charges and etc.	1	SET		
7	Supply & Installation of WIFI modem with all necessary fixing accessories, arrangements and etc.	10	SET		
I	<b>PROVISION FOR CABLE TV NETWORK</b>				
1	Supplying and fixing 25mm dia PVC conduit pipe from each room's TV socket to corridor false ceiling with all necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings and concealed or open in manner slab/wall/ partitions and etc. Cost include all accessories like tools, lead, lift, loading, unloading charges, cutting, transport, labour charges, wastages and etc.	67	NOS		
2	Supplying and fixing TV sockets with metal or plastic consealed box & mounting face plate with all necessary fixing accessories, arrangements and etc. Cost include all accessories like tools, lead, lift, loading, unloading charges, cutting, transport, labour charges, wastages and etc. Make - ANCHOR ROMA.	67	NOS		
J	<b>PUBLIC ADDRESS SYSTEM</b>				
1	Supplying and fixing Speaker Wire SP-25 with PVC conduit pipe from reception to each room's speakers including proper termination and marking with tags with all necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings and concealed or open in manner slab/wall/ partitions and etc. Cost include all accessories like tools, lead, lift, loading, unloading charges, cutting, transport,	4020	RM		



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	labour charges, wastages and etc.				
2	Supplying and fixing 6watts ceiling mounted speaker with all necessary fixing accessories, arrangements and etc. Cost include all accessories like tools, lead, lift, loading, unloading charges, cutting, transport, labour charges, wastages and etc.	67	SET		
	<b>ELECTRICAL WORKS TOTAL</b>				



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BUY BACK ITEMS FOR RENOVATION OF IMAGE HOSTEL, INDIAN BANK, MRC NAGAR, CHENNAI					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	*AMOUNT
1	EXISTING COTS AND MATTRESS cot size of 915mm x 1830mm mattress thick of 150mm	130	NOS		
2	EXISTING TOILET DOOR SHUTTERS WITH FRAMES	67	NOS		
3	TABLES approximately 1220mm x 610mm x 765mm height	130	NOS		
4	CHAIRS	130	NOS		
5	WINDOW ACS	20	NOS		
6	SPLIT ACS	45	NOS		
7	WARD ROPES approximately 2440mm x 610mm x 2100mm	65	NOS		
8	LIGHT FITTINGS	140	NOS		
9	FANS	130	NOS		
10	PANEL BOARD IN GROUND FLOOR	1	NO		
11	PANEL BOARD IN 1ST, 2ND AND 3RD FLOOR	3	NOS		
	<b>BUY BACK TOTAL</b>				

- The rate of buy back items shall be inclusive of removing of the items as per instruction of Bank/Owner/ architect.
- The quantity of the items may increase or decrease as per site condition. The Bank reserve the right to hold/kept any buy back items.



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SUMMARY FOR RENOVATION OF IMAGE HOSTEL, INDIAN BANK, MRC NAGAR, CHENNAI		
S.N	DESCRIPTIONS	*AMOUNT
1	INTERIOR WORKS TOTAL	
2	CIVIL WORKS TOTAL	
3	PLUMBING WORKS TOTAL	
4	ELECTRICAL WORKS TOTAL	
	GRAND TOTAL	
5	LESS BUY BACK TOTAL	
	NET TOTAL	
The Net Total price (Excluding GST) including buy back value will be considered for evaluation of the lowest price.		

\*Applicable GST (taxes) will be extra

Total Amount in words: Rupees.....  
.....only GST (taxes) will be extra.

Place:

Date:

Signature & Seal of  
the Tenderer

