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|---|--|------|------|-----------------|--------|
| DELHI-CIRCLE  |  |      |      |                 |        |
| KANGCHENJUNGA BUILDING  |  |      |      |                 |        |
| DELHI-110001  |  |      |      |                 |        |
| BILL OF QUANTITY  |  |      |      | DATE :          |        |
| <b>INTERNAL STRUCTURAL REPAIR AND RENOVATION WORK OF NOIDA STAFF FLAT113A, 116A &amp; 116B ,A-BLOCK, POCKET-A, SECTOR 27, NOIDA, UTTAR PRADESH 201301</b>   |  |      |      |                 |        |
| <b>NOTES-</b><br>* Material should be disposed off within 24hours.<br>* Shifting of office table and furniture etc. during the concurrence of work will be in scope of the Contractor.<br>* Green safety net to be installed by the contractor on external facade from top to bottom without any additional cost.<br>* Wherever required, the contractor will provide temporary plywood partition inside the premises for separating office area from area of repair without any additional cost. |  |      |      |                 |        |
| S.NO  | ITEM DESCRIPTION   | UNIT | QTY  | ESTIMATED RATES | AMOUNT |
| I   | <b>FLAT NO. : 113A , 116A &amp; 116B</b>   |      |      |                 |        |
| A   | <b>DISMANTLING WORK</b>  |      |      |                 |        |
|   | Work of dismantling to be done in building, contractors are advised to visit the site before quoting. Item includes debris to be carried from the heights & floors to ground and separated into serviceable and unserviceable material. Item also includes all liasioning and permission from local authorities to be in contactor scope of work. Nothing extra will be paid for work in night or odd hours and to work in noida area.   |      |      |                 |        |
| 1   | Demolishing bricks work in cement mortal including precast cemented jali manually / by mechanical means including stacking of serviceable and unserviceable material separately on ground floor within the premises as per directions of Engineer-in-charge.   | Cum  | 0.75 |                 |        |
| 2   | Dismantling doors, windows and clerestory windows (steel / aluminium or wood) shuttle including chowkhats, architrave, holdfasts etc. complete and stacking of serviceable and unserviceable material seperately on ground floor within the premises as per directions of Engineer-in-charge.  | Each | 18   |                 |        |
| 5   | Removing/chisel old plaster or skirting of any thickness raking out joints and clearing the surface for plaster on all floor including stacking of unserviceable material on ground floor within the premises as per directions of Engineer-in-charge  | Sqm  | 90   |                 |        |
| 6   | Demolishing R.C.C. work by mechanical means including cutting reinforcement bars and stacking of serviceable and unserviceable materials separately on ground floor with the premises as per direction of Engineer-in- charge .  | Cum  | 6    |                 |        |
| 7   | Demolishing cement concrete/removing existing filling in the sunken area manually/ by mechanical means ncluding disposal of material within 50 metres lead as per direction of Engineer - in - charge.   | Cum  | 6    |                 |        |
| 8   | Dismantling tile/Stone/Cementatious flooring work in floors/wall of any thickness with cement mortar including stacking at ground floor & disposal of unserviceable material as per direction of Engineer-in-charge.   | Sqm  | 60   |                 |        |
| 9   | 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, to any distance beyond municipal limits as per NDA norms and lifting from all floors & leads as required. No additional claim will be accepted at any cost. Item will be measured in trips of fully filled trolley approx. 120 cu.ft. or 3.4 cumec. | JOB  | 1.00 |                 |        |
| <b>TOTAL OF DISMANTLING ITEMS(A)</b>  |  |      |      |                 |        |
| B   | <b>CIVIL WORK</b>  |      |      |                 |        |
| 1   | Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 Sqm on plan), including dressing of sides and ramming of bottoms, lift upto1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m or as per direction of Engineer-in-charge to any distance.  | Cum  | 1.5  |                 |        |

| S.NO | ITEM DESCRIPTION   | UNIT | QTY | ESTIMATED RATES | AMOUNT |
|------|--|------|-----|-----------------|--------|
| a    | Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials for all kind of soils.   | Cum  | 1.5 |                 |        |
| 2    | Rust Remover : Reinforcement shall be cleaned thoroughly, first with hammering, wire brushing, emery paper and lastly with Acetone from the reinforcing bars to give it a total rust free steel surface by using applying Rusticide Rustprime / Ruskill A /alkaline chemical rust remover Sika Rustoff 100 make SIKA with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge.  |      |     |                 |        |
| a    | Bars upto 12 mm diameter   | Rmt  | 60  |                 |        |
| b    | Bars above 12 mm diameter  | Rmt  | 60  |                 |        |
| 3    | Bonding Coat RCC Surface<br>Providing, mixing and applying two passivating coats of "POLYALK FIXOPRIME" / Sikadur 32 LP make SIKA or equivalent and cement slurry mix in the proportion 1:1.25 by weight to the chemically de-rusted surface of reinforcement at an interval of 24 hrs and brushable consistency for bonding old chipped portion of RCC and new concrete surface, providing and applying bonding coat of POLYALK EP or equivalent and Cement (1:1.25) to the entire concrete surface as per direction of Engineer-In-charge complete in all respect.   | Sqm  | 6   |                 |        |
| 4    | Corrosion Protection Layer :Providing, mixing and applying corrosion protection coat, In case where the diameter of the existing re-bars is reduced by more than 25% or in case of snapped of stirrups, links etc. provide new re-bars coated with "POLYALK FIXOPRIME" / SIKA Armatech 108 on reinforcement as per specifications and direction of Engineer-In-charge complete in all respect.   | Sqm  | 6   |                 |        |
| 5    | Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine Bars upto 12 mm diameter to a minimum depth of 100mm upto 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using HILTI RE-500 V3 bond chemical anchor grout but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge.   | Each | 6   |                 |        |
| 6    | <b>Ready Mix Concrete M30 grade</b> :Providing and Laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade (RMC - M 30) for reinforced cement concrete work for footings, fins, beams, column, slabs etc. all levels, leads, shapes, sizes & quantities, including pumping / lifting of concrete to site of laying including scaffolding, staging, vibrating (needle vibrator), compacting, finishing, curing etc. complete but excluding P & L of Reinforcement and shuttering. The item also includes for adding plasticizer / SBR Cement slurry 1:1 {S.B.R (FOSROC or equivalent (as per IS 9103) : 1 Cement} of approved brand as required to achieve desired workability of the concrete, to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Str. /Engineer-in-charge. | Cum  | 2   |                 |        |
| 7    | Shotcreting R.C.C. columns, beams and slabs etc. in layers with approved design mix concrete having the specified minimum characteristic compressive strength [with ordinary portland cement, coarse sand and graded stone aggregate of 10 mm maximum size in proportion as per design criteria] including the cost of centering and shuttering at edges and corners etc. as directed by Engineer in-Charge Rates shall include the providing necessary ground wires etc. The levelling gauges, if used, shall be paid for separately. Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding/ tapping with a blunt metal instrument. 50mm thick in Grade M 25 with cement content not less than 330 kg per cum  | Sqm  | 5   |                 |        |
| 8    | Supply and laying 18 mm thick cement plaster with adding SBR polymer Ultratech/SIKA/Dr. Fixit bonding agent and waterproofing liquid 2% of weighth of cement in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) finished rough with sponge.   | Sqm  | 120 |                 |        |

| S.NO | ITEM DESCRIPTION   | UNIT | QTY | ESTIMATED RATES | AMOUNT |
|------|--|------|-----|-----------------|--------|
| 9    | Providing, Supplying & Fixing in position Fe500 TMT Steel Reinforcement bars (IS:1786) of all sizes & of approved make at all levels & places for all type of RCC work for footings, beams, columns, slabs, walls, lintels, pardi etc. including straightening, cutting, bending, making dowels, hooks, placing, tying in position using 16 SWG soft annealed steel wire, readymade cover blocks, spacers, chairs etc. complete. (Reinforcement including approved lap, chairs etc. but excluding binding wire, actually placed at site as per drawing & approved by architects only shall be measured for payment). The rate includes the cost of binding wire (JSW, TATA STEEL, JINDAL OR EQUIVALENT)  | Kg   | 150 |                 |        |
| 11   | Providing and constructing brick masonry of any thickness for any shapes, fins, projections, in shafts using selected quality burnt clay FPS bricks of class designation 7.5 laid in cement mortar 1:6 (1 cement:6 coarse sand) mix, joints finished , flush/raked to 6mm depth including scaffolding, curing complete as per specification and drawing or as per the direction of Engineer-in-charge.   | Cum  | 3   |                 |        |
| 12   | Providing and constructing brick masonry of Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level for Cement mortar 1:4 (1 cement :4 coarse sand) or as per the direction of Engineer-in-charge.   | Sqm  | 4   |                 |        |
| 13   | Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry   | Sqm  | 6   |                 |        |
| 14   | <b>Water proofing on Toilet and Pantry</b> :Providing & applying polymer modified, flexible cementitious negative side waterproofing coating with elastic water proofing polymers on sunken portions in three coats @14.35 kg /10 Sqm. one coat of self priming of cementitious waterproofing polymer (dilution with water in the ratio of 1:1) and two coats of cementitious water proofing polymer (dilution with water in the ratio of 3:1 ) after scrapping and properly cleaning the surface to remove pre-existing paint film & loose particles till plaster is visible, complete in all respect as per the direction of Engineer-in-charge.   | Sqm  | 155 |                 |        |
| 15   | Water proofing on Terrace with providing and laying APP (Atactic Polypropylene Polymer) Clean existing surface with wire brush, blower and water.<br>Open out the small cracks & filling with cement + Grout + Polymer or with PU sealant as required Patch work repair by cement mortar as and when required.<br>Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven 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 viscoscity 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 :Providing and applying rounded fillets at the corners of slab and walls, slab and columns and all junctions. Measurement : Exposed finished area shall be measured and paid. Work must be done through specialised agencies/authorised applicators of and furnishing guarantee for 10 years on suitable value stamp paper. | Sqm  | 100 |                 |        |

| S.NO | ITEM DESCRIPTION  | UNIT | QTY | ESTIMATED RATES | AMOUNT |
|------|---|------|-----|-----------------|--------|
| 17   | <p><b>Coloured Ceramic tiles (300 x 600) mm in dado in Toilets /Kitchen</b><br/> P &amp; L 1st quality medium light colored Ceramic tiles (satin finish) of 600x 600 mm size in dado . The job includes joint finishing, with the help of white cement &amp; cement color, cleaning etc. complete. The shade, design, thickness and size of the tiles should be uniform. At all vertical or horizontal exposed right angled junctions the tiles should be fixed after chamfering the tiles to get the hairline joint at all right angles. Full pieces have to be fixed except where small pieces are necessary. Small pieces are to be avoided as far as possible. The job include wetting tiles for six hours and providing the base course plaster in C.M. 1:4 on brick walls to form good key for fixing tiles as per specification, cleaning etc. complete. The rate shall include of making the surface rough before putting plaster for perfect grip. Actual on site visible area will be considered for the measurement purpose. Entire work shall be executed in complete line &amp; level. The entire work to be coordinated with the electrical work. It shall be laid in complete line &amp; level. <b>(Approved Make- Johnson, NITCO, Somany, Kajaria, Orient) (Basic Cost of tile- Rs. 60 / Sqft including GST)</b></p>  | Sqm  | 230 |                 |        |
| 18   | <p><b>P &amp; L Ceramic tiles in Floor - 300 mm x 600 mm (Utility Areas)</b><br/> P &amp; L plain, medium / dark colored plain / designed 1st quality Matt finished Ceramic tiles of 600 x 600 mm size &amp; suggested make in floor with required thickness having 25 th. top layer in C.M. 1:6 as bedding material &amp; below 25 mm th. upto required depth shall be fillked with cinder concrete with PCC 1:2:4 as cushioning layer. &amp; with proper gradient &amp; drops as suggested. The job includes joint finishing, with the help of white cement &amp; cement color, cleaning etc. complete. The shade, design, thickness &amp; size of the tiles should be uniform. Full pieces have to be fixed except where small pieces are necessary. Small pieces are to be avoided as par as possible. The job include wetting tiles for six hours &amp; roughing the base course to form good key for fixing tiles, cleaning etc. Complete. Actual on site visible area will be considered for the measurement. The job includes putting of bedding material as infill material required to fill the sunk / raised areas. It shall be laid in appropriate gradient.<br/> <b>(Approved Make- Johnson, NITCO, Somany, Kajaria, Orient) (Basic Cost of tile- Rs. 60 / Sqft including GST)</b></p>   | Sqm  | 45  |                 |        |
| 19   | <p><b>P &amp; L Vitrified tiles in Floor - 600 x 600 mm / double charged glossy finish</b><br/> P &amp; L 1 st quality, plain colored vitrified tiles in flooring of size 600 x 600 mm, with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, including provididng suffecient thickness (as / req. of the site) @ 60 mm c.m. 1:6 as bedding material. The job includes joint finishing with the help of white cement, cement color, with joint filler of approved make, cleaning etc. complete in all aspects. The shade, design, thickness and the size the tiles should be uniform. The tiles are to be fixed in suggested pattern, joined with suggested color cement slurry in joints. proper fixing level should be maintained. Full pieces have to be fixed except where small pieces are necessary. Small pieces are to be avoided as far as possible. The job includes fixing white tap on joints of the tiles, laying 3 mm thick floor bubble guard immediatelyafter laying the tiles &amp; removing the same after completion of entire work including all other agencie's work. Actual on site laid quantity will be considered for the measurement purpose.Rate to include cutting the tiles for floor ducts and lids of electrical, computer and telephone wires in coordination with electrical contractor and cleaning the same, curing etc.complete.in all aspects as specified and directed by the Engineer/Architect.<br/> <b>(Approved Make- Johnson, NITCO, Somany, Kajaria, Orient) (Basic Cost of tile- Rs. 50 / Sqft including GST)</b></p> | Sqm  | 30  |                 |        |
| 20   | <p><b>Granite</b> : Providing and fixing in position first quality granite platform for washbasin in He and She toilet as per approval. Including wash basin area cutting, shall be fixed complete with wall with cement mortar (1:3) or adhesive compound material and filling complete including polishing &amp; moulding as per direction of Engineer-in-charge.</p>   | Sqm  | 18  |                 |        |

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|--------------------------------|---|------|-----|-----------------|--------|
| 21                             | <b>SLIDING WINDOW</b> : P & F two/three track anodizing aluminum sliding window with 5 mm thick clear glass. The outer frame should be heavy suitable size sections with tracks on all the sides & drain tray system for the bottom frame. The shutters should be of suitable for series - B (Shutter section - 18 mm) heavy (approx. 1.5 mm thick) sections for top & bottom member & for vertical with 5 mm. thk. Tinted reflective float glass & imported beading shall be used. Windows will have all req. Hardware such as Maruti locks cum handles, sliding system wool gasket etc. Silicon sealant shall be applied on external & internal sides of the windows. The entire window shall be finished in white or as per selection shade, anodizing aluminum. The windows will have necessary provision in case of window ac units with required additional member with wood in-filled. | Sqm  | 60  |                 |        |
| 22                             | Renewing or repairing windows by providing and fixing 5mm thick float glass panes with putty and nails wherever necessary including racking out the old putty and existing broken glasses as per directions of Engineer-in-charge.  | Sqm  | 15  |                 |        |
| 24                             | Distempering with washable emulsion of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer or as per direction of Engineer-in-charge.(Asian/ Nerolac/Deluxe)   | Sqm  | 900 |                 |        |
| 25                             | Finishing with Enamel paint for interiors and exteriors using Primer as per manufacturers specifications Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture as per direction of Engineer-in-charge.(Asian/ Nerolac/Deluxe)  | Sqm  | 30  |                 |        |
| <b>TOTAL OF CIVIL ITEMS(B)</b> |   |      |     |                 |        |
| <b>C</b>                       | <b>ELECTRICAL WORK</b>  |      |     |                 |        |
| 1                              | Removing/Shifting & refixing of existing electrical cables and arrange temporary supply in toilet/premises area. the item includes removing at the time of dismantling and storing the street light fixture, clamps, brackets etc.proper without damaged or as per direction of Engineer-in-charge and refixing with all necessary tubes etc as required to satisfaction of architect /engineer in -charge.   | Job  | 1   |                 |        |
| 3                              | Wiring for street light point/ exhaust fan/ light sockets etc. and fixing of new brackets claps etc as per layout with 3x2.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires in concealed/ surface using 16 SWG MS conducts, accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc (wherever required) and chromium plates brass screws/ rowel plug etc. PVC insulated earth wire (color code to be used) with proper clamps etc. all complete or as per direction of Engineer-in-charge. ( R.R./ Havells/ Polycab)  |      |     |                 |        |
|                                | (Wherever required as per standard specifications).   |      |     |                 |        |
|                                | i) Each circuit shall have independent earth wire.  |      |     |                 |        |
|                                | ii) Each point shall be earthed.  |      |     |                 |        |
|                                | iii) Circuit wiring is to be included in point wiring rates.  |      |     |                 |        |
| a                              | One light points controlled by one 6 amp. Modular switch.   | Each | 60  |                 |        |
| b                              | One exhaust fan point with 6 amp 3-pin socket controlled by one 6 amp. Modular switch. The switch should be at switchboard level.   | Each | 6   |                 |        |

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|------|--|------|-----|-----------------|--------|
| 4    | 5/6A Primary point in PVC Conduit:- Supply & Installation of point wiring for Raw power plug points on workstations / table/ wall using 2X2.5 + 1x2.5 Sq.mm FR LSH ( Fire Resistant Low smoke Low Halogen) copper conductor PVC sheathed flexible wire pulled from distribution board through PVC Conduit pipe (HMS Grade) concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each point consisting of 1 nos of 6/10A , 3/5 pin sockets & 1 No.,6/10A Switch , wired together forming one point. The earth wire of green color only. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.The job shall be complete & to the entire satisfaction of the Bank. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good the same. All switches sockets and accessories must be modular. All new points must be provided in concealed/recessed conduit unless directed by architect / engineer in charge Interconnections to movable furniture, if any, shall be done using flexible PVC Conduit with end couplers | SQFT | 9   |                 |        |
| 5    | 5/6A Secondary point in PVC Conduit:- Supply & Installation of point wiring for Raw power plug points on workstations / table/ wall using 2X2.5 + 1x2.5 Sq.mm FR LSH ( Fire Resistant Low smoke Low Halogen) copper conductor PVC sheathed flexible wire pulled from nearby point through PVC Conduit pipe (HMS) concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each point consisting of 1 nos of 6/10A , 3/5 pin sockets & 1 No.,6/10A Switch , wired together forming one point. The earth wire of green color only. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.The job shall be complete & to the entire satisfaction of the Bank. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good the same. All switches sockets and accessories must be modular. All new points must be provided in concealed/recessed conduit unless directed by architect / engineer in charge Interconnections to movable furniture, if any, shall be done using flexible PVC Conduit with end couplers.          | EACH | 12  |                 |        |
| 6    | UPS Primary point in PVC Conduit:- Supply & Installation of point wiring for UPS points on workstations / table/ wall using 2X2.5 + 1x2.5 Sq.mm FR LSH ( Fire Resistant Low smoke Low Halogen) copper conductor PVC sheathed flexible wire pulled from distribution board through PVC Conduit pipe (HMS Grade) concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each point consisting of 3 nos of 6/10A , 3/5 pin sockets & 1 No.,6/10A Switch , wired together forming one point. The earth wire of green color only. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.The job shall be complete & to the entire satisfaction of the Bank. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good the same. All switches sockets and accessories must be modular. All new points must be provided in concealed/recessed conduit unless directed by architect / engineer in charge Interconnections to movable furniture, if any, shall be done using flexible PVC Conduit with end couplers.            | EACH | 0   |                 |        |

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|------|--|------|-----|-----------------|--------|
| 7    | UPS secondary point in PVC Conduit:- Supply & Installation of point wiring for UPS points on workstations / table/ wall using 2X2.5 + 1x2.5 Sq.mm FR LSH ( Fire Resistant Low smoke Low Halogen) copper conductor PVC sheathed flexible wire looped from nearest UPS point through PVC Conduit pipe (HMS Grade) concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each point consisting of 3 nos of 6/10A , 3/5 pin sockets & 1 No.,6/10A Switch , wired together forming one point. The earth wire of green color only. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.The job shall be complete & to the entire satisfaction of the Bank. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good the same. All switches sockets and accessories must be modular. All new points must be provided in concealed/recessed conduit unless directed by architect / engineer in charge Interconnections to movable furniture, if any, shall be done using flexible PVC Conduit with end couple                  | EACH | 6   |                 |        |
| 8    | 15/16A Primary point in PVC Conduit:- Supply & Installation of point wiring for Raw power plug points on workstations / table/ wall using 2X4 + 1x4 Sq.mm FR LSH ( Fire Resistant Low smoke Low Halogen) copper conductor PVC sheathed flexible wire pulled from distribution board through PVC Conduit pipe (HMS Grade) concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each point consisting of 1 nos of 16/20A , 3/5 pin sockets & 1 No.,16/20A Switch , wired together forming one point. The earth wire of green color only. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.The job shall be complete & to the entire satisfaction of the Bank. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good the same. All switches sockets and accessories must be modular. All new points must be provided in concealed/recessed conduit unless directed by architect / engineer in charge Interconnections to movable furniture, if any, shall be done using flexible PVC Conduit with end couplers.    | EACH | 9   |                 |        |
| 9    | 15/16A Secondary point in PVC Conduit:- Supply & Installation of point wiring for Raw power plug points on workstations / table/ wall using 2X4 + 1x4 Sq.mm FR LSH ( Fire Resistant Low smoke Low Halogen) copper conductor PVC sheathed flexible wire pulled from nearest power point through PVC Conduit pipe (HMS Grade) concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each point consisting of 1 nos of 16/20A , 3/5 pin sockets & 1 No.,16/20A Switch , wired together forming one point. The earth wire of green color only. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.The job shall be complete & to the entire satisfaction of the Bank. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good the same. All switches sockets and accessories must be modular. All new points must be provided in concealed/recessed conduit unless directed by architect / engineer in charge Interconnections to movable furniture, if any, shall be done using flexible PVC Conduit with end couplers. | EACH | 12  |                 |        |

| S.NO                                     | ITEM DESCRIPTION  | UNIT | QTY | ESTIMATED RATES | AMOUNT |
|--|---|------|-----|-----------------|--------|
| 10                                       | AC point in PVC Conduit:- Supply & Installation of point wiring for Air Conditioner on workstations / table/ wall using 2X4 + 1x4 Sq.mm FR LSH ( Fire Resistant Low smoke Low Halogen) copper conductor PVC sheathed flexible wire pulled from distribution board through PVC Conduit pipe (HMS Grade) concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each point consisting of 1 nos of 20/25A , 3/5 pin sockets & 1 No. Single module 20/25A MCB, 1 Nos 25A Motor starter switch wired together forming one point. The earth wire of green color only. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.The job shall be complete & to the entire satisfaction of the Bank. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good the same. All switches sockets and accessories must be modular. All new points must be provided in concealed/recessed conduit unless directed by architect / engineer in charge Interconnections to movable furniture, if any, shall be done using flexible PVC Conduit with end couplers | EACH | 6   |                 |        |
| 11                                       | 3x6 sq mm submains wiring in PVC conduit:- Supply and laying of 2x6 sq mm + 1x6 sq mm FR LSH ( Fire Resistant Low smoke Low Halogen) stranded Cu. Wire in PVC Conduit (HMS Grade) through wall / floor / above false ceiling / partition etc. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.  | RMT  | 30  |                 |        |
| 12                                       | Supply and laying of 3x10 submains wiring in PVC conduit Supply and laying of 2x10 sq mm + 1x10 sq mm FR ( Fire Resistant) stranded Cu. Wire in PVC Conduit (HMS Grade) through wall / floor / above false ceiling / partition etc. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.  | RMT  | 25  |                 |        |
| 14                                       | SITC of 4 way Horizontal DB flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral link, interconnected wiring, complete with earthing legs, housing following switch gears(Double door HORIZONTAL DB ) with i/c 1 Nos 63A TPN MCB o/g 12 nos SP MCB (6-32A) 10 KA Breaking Capacity   | EACH | 6   |                 |        |
| 15                                       | Supply and installation of MCCB enclosure along with 125 A 4 pole MCCB 36KA breaking capacity with thermal magnetic release, Adjustable overload: 0.8-1.0 x In Adjustable Short Circuit: 6-10 x In  | EACH | 3   |                 |        |
| <b>TOTAL OF ELECTRICAL WORK ITEMS(D)</b> |   |      |     |                 |        |



| S.NO     | ITEM DESCRIPTION  | UNIT | QTY | ESTIMATED RATES | AMOUNT |
|----------|---|------|-----|-----------------|--------|
| <b>D</b> | <b>PLUMBING ACCESSORIES</b>   |      |     |                 |        |
| 1        | Water Closet<br>Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete. as per direction of Engineer-in-charge. Cera EWCs CAMPBELL S1053127 or equivalent make and design approved from architect (including removing, DISMANTLING & disposal old fixture away from complex) (Jaguar/Kohler/Cera/Hindware).   | Each | 6   |                 |        |
| 2        | Wash Basin<br>Providing and fixing white vitreous CALBURT MINI table top wash basin 440X440X135 mm with 300 mm bottle trape, as per direction of Engineer-in-charge. Cat. No. S2020155 or equivalent make and design approved from architect (Jaguar/Hindware/Cera).  | Each | 6   |                 |        |
| 3        | Kitchen Sink<br>Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required, Kitchen sink without drain board 470x420 mm bowl depth 178 mm, (Jindal/Neelkanth/Hindware).   | Each | 3   |                 |        |
| 4        | CPVP Pipe<br>Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including operating ball valve at each floor in every line including testing of joints complete as per direction of Engineer in Charge. (NOTE: concealed work including cutting chases and making good the walls etc.) as per direction of Engineer-in-charge. (Astral/Prince/Supreme) |      |     |                 |        |
| a        | 20mm nominal outer dia pipes (concealed)  | Rmt  | 85  |                 |        |
| b        | 25mm nominal outer dia pipes  | Rmt  | 60  |                 |        |
| e        | 50mm nominal outer dia pipes  | Rmt  | 15  |                 |        |

| S.NO | ITEM DESCRIPTION  | UNIT | QTY | ESTIMATED RATES | AMOUNT |
|------|---|------|-----|-----------------|--------|
| 5    | Soil Waste and Rain Water PVC Pipe Type-B class<br>Providing and fixing PVC pipes on walls/floor including fixing the joints with specialized jointing solutions/ PVC solvent and fixed with G.I. clamps including cutting holes and making good the walls etc. items includes providing and fixing pipes fittings special such as door bend, horn bend, plain bend, cowls, sockets, door "T", "Y" junctions (both singles and double), nehani trape, P & S trape etc. complete make Supreme as directed of Engineer-in-charge. |      |     |                 |        |
| a    | For 100mm pipes   | Rmt  | 30  |                 |        |
| 6    | Providing & laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40mm nominal size ) all- arounds S.W. pipes including bed concrete as per standard design or as per direction of Engineer-in-charge.  |      |     |                 |        |
| a    | For 100mm pipes   | Rmt  | 30  |                 |        |
| 9    | Providing and fixing square - mouth S.W gully trap class SP-1 complete with C.I. grating bricks masonry chamber with water tight C.I. cover with frame of 300X300mm size ( inside ) the weight of cover to be not less than 4.50kg and frame to be not than 2.70kg as per standard design, with sewer bricks conforming to IS :4885.  | Each | 6   |                 |        |
| 10   | Providing & fixing C.P. brass stop cocks of approved make complete as per instructions at site or as per direction of Engineer-in-charge. <b>F850077CP</b> ( Make - Hindware or equivalent from make list).   | Each | 3   |                 |        |
| 11   | Providing & fixing C.P. brass two way bib cocks of approved make completes as per direction of Engineer-in-charge at site. <b>F1018211</b> ( Make -Cera or equivalent from make list).  | Each | 6   |                 |        |
| 12   | Providing & fixing brass faucet pillar cock with chrome finish of approved make <b>F240001CP</b> (Centerset Installation Type) complete with all necessary fitting as per direction of Engineer-in-charge. ( Make - Hindware / Cera or equivalent from make list).  | Each | 6   |                 |        |
| 13   | Providing & fixing C.P. brass angle valve of approved make complete as per direction of Engineer-in-charge. <b>F1016201</b> ( Make -Cera or equivalent from make list).   | Each | 9   |                 |        |
| 14   | Providing & fixing C.P. brass connection pipes of requisite length with C.P. nuts & bolts at either end complete as per direction of Engineer-in-charge. Connecting Hose 2.0 ft. <b>F8070402</b> ( Make -Cera or equivalent from make list).  | Each | 12  |                 |        |
| 15   | Providing & fixing health faucet with hand shower of approved make complete as per direction of Engineer-in-charge. <b>F8030301</b> ( Make -Cera or equivalent from make list).   | Each | 6   |                 |        |
| 16   | Providing and fixing S.S. Towel Rod (One bar 18 Inch-Chrome) as per selection of Architect/Engineer -in-charge.   | Each | 6   |                 |        |

| S.NO                                     | ITEM DESCRIPTION   | UNIT | QTY | ESTIMATED RATES | AMOUNT |
|--|--|------|-----|-----------------|--------|
| 17                                       | Providing and fixing Mirror 750X600mm of make modiguard/ saint gobain complete with flat polished edges, fitted on site on 12 mm ply base and with wooden lipping border as per approval pasted on the ply with silicon adhesive, and fitted with stud-head screws (minimum 6 nos average per location) complete as per direction of Engineer-in-charge.   | Each | 6   |                 |        |
| <b>TOTAL OF PLUMBING WORK ITEMS(D)</b>   |  |      |     |                 |        |
| <b>E</b>                                 | <b>FURNISHING WORK</b>   |      |     |                 |        |
| 1  | <b>MODULAR KITCHEN :-</b> Providing and fixing modular Kitchen Base cabinets & Wall Cabinets- All side laminated Carcass finished in 18mm MR Ply with PVC edge band tape, Kitchen Shutter Units-laminate on ply.Hardware & Components-Hardware /ELXI(tendem box,dish rack, pvc legs, alumininum profile, gas pump, shelft pin ABS, pie corner hinge, BPO, Auto lid dustbin, etc .) as per drawing with complete fitting .              | Each | 3   |                 |        |
| 2  | <b>STORAGE :-</b> Providing and fixing Steel frame wardrobe with all fitting as per drawing with complete fitting . ( Make- Jindal)  | SQM  | 9   |                 |        |
| <b>TOTAL OF FURNISHING WORK ITEMS(E)</b> |  |      |     |                 |        |
| <b>SUMMARY</b>                           |  |      |     |                 |        |
| <b>TOTAL DISMANTLING WORK(A)</b>         |  |      |     |                 |        |
| <b>TOTAL CIVIL WORK(B)</b>               |  |      |     |                 |        |
| <b>TOTAL ELECTRICAL WORK(C)</b>          |  |      |     |                 |        |
| <b>TOTAL PLUMBING WORK(D)</b>            |  |      |     |                 |        |
| <b>TOTAL FURNISHING WORK(E)</b>          |  |      |     |                 |        |
| <b>SUB -TOTAL(A+B+C+D+E)</b>             |  |      |     |                 |        |
| <b>II</b>                                | <b>COMMON AREA FOR CLUSTER 1 : 113A ,113B, 114A &amp; 114B , CLUSTER 2 : 115A ,115B, 116A &amp; 116B , CLUSTER 3 : 117A ,117B, 118A &amp; 118B</b>   |      |     |                 |        |
| <b>A</b>                                 | <b>DISMANTLING WORK</b>  |      |     |                 |        |
|  | Work of dismantling to be done in building, contractors are advised to visit the site before quoting. Item includes debris to be carried from the heights & floors to ground and separated into serviceable and unserviceable material. Item also includes all liasioning and permission from local authorities to be in contactor scope of work. Nothing extra will be paid for work in night or odd hours and to work in noida area. |      |     |                 |        |
| 1  | Demolishing bricks work in cement mortal including precast cemented jali manually / by mechanical means including stacking of serviceable and unserviceable material separately on ground floor within the premises as per directions of Engineer-in-charge.   | Cum  | 12  |                 |        |
| 3  | Dismantling C.I. or asbestos rain water/ all vertical pipes in shaft or on wall with fittings and clamps including stacking of serviceable and unserviceable materials separately on ground floor within the premises as per directions of Engineer-in-charges.  | Rmt  | 300 |                 |        |
| 4  | Dismantling C.I. pipes 150mm to 300mm including excavation and refilling trenches after taking out the pipes, manually / by mechanical means breaking lead caulked joints, melting of lead and making into blocks and stacking of serviceable and unserviceable materials separately on ground floor within the premises as per directions of Engineer-in-charge.  | Rmt  | 135 |                 |        |
| 5  | Removing/chisel old plaster or skirting of any thickness raking out joints and clearing the surface for plaster on all floor including stacking of unserviceable material on ground floor within the premises as per directions of Engineer-in-charge  | Sqm  | 300 |                 |        |
| 7  | Demolishing cement concrete/removing existing filling in the sunken area manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.  | Cum  | 18  |                 |        |

| S.NO                                 | ITEM DESCRIPTION   | UNIT | QTY  | ESTIMATED RATES | AMOUNT |
|--------------------------------------|--|------|------|-----------------|--------|
| 8                                    | Dismantling tile/Stone/Cementitious flooring work in floors/wall of any thickness with cement mortar including stacking at ground floor & disposal of unserviceable material as per direction of Engineer-in-charge.   | Sqm  | 60   |                 |        |
| 9                                    | 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, to any distance beyond municipal limits as per NDA norms and lifting from all floors & leads as required. No additional claim will be accepted at any cost. Item will be measured in trips of fully filled trolley approx. 120 cu.ft. or 3.4 cumec.   | JOB  | 1.00 |                 |        |
| <b>TOTAL OF DISMANTLING ITEMS(A)</b> |  |      |      |                 |        |
| <b>B</b>                             | <b>CIVIL WORK</b>  |      |      |                 |        |
| 1                                    | Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 Sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m or as per direction of Engineer-in-charge to any distance.   | Cum  | 18   |                 |        |
| a                                    | Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials for all kind of soils.   | Cum  | 18   |                 |        |
| 2                                    | Rust Remover : Reinforcement shall be cleaned thoroughly, first with hammering, wire brushing, emery paper and lastly with Acetone from the reinforcing bars to give it a total rust free steel surface by using applying Rusticide Rustprime / Ruskill A /alkaline chemical rust remover Sika Rustoff 100 make SIKA with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge.  |      |      |                 |        |
| a                                    | Bars upto 12 mm diameter   | Rmt  | 30   |                 |        |
| b                                    | Bars above 12 mm diameter  | Rmt  | 30   |                 |        |
| 3                                    | Bonding Coat RCC Surface<br>Providing, mixing and applying two passivating coats of "POLYALK FIXOPRIME" / Sikadur 32 LP make SIKA or equivalent and cement slurry mix in the proportion 1:1.25 by weight to the chemically de-rusted surface of reinforcement at an interval of 24 hrs and brushable consistency for bonding old chipped portion of RCC and new concrete surface, providing and applying bonding coat of POLYALK EP or equivalent and Cement (1:1.25) to the entire concrete surface as per direction of Engineer-In-charge complete in all respect.   | Sqm  | 6    |                 |        |
| 4                                    | Corrosion Protection Layer :Providing, mixing and applying corrosion protection coat, In case where the diameter of the existing re-bars is reduced by more than 25% or in case of snapped of stirrups, links etc. provide new re-bars coated with "POLYALK FIXOPRIME" / SIKA Armatech 108 on reinforcement as per specifications and direction of Engineer-In-charge complete in all respect.   | Sqm  | 6    |                 |        |
| 6                                    | <b>Ready Mix Concrete M30 grade</b> :Providing and Laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade (RMC - M 30) for reinforced cement concrete work for footings, fins, beams, column, slabs etc. all levels, leads, shapes, sizes & quantities, including pumping / lifting of concrete to site of laying including scaffolding, staging, vibrating (needle vibrator), compacting, finishing, curing etc. complete but excluding P & L of Reinforcement and shuttering. The item also includes for adding plasticizer / SBR Cement slurry 1:1 {S.B.R (FOSROC or equivalent (as per IS 9103) : 1 Cement} of approved brand as required to achieve desired workability of the concrete, to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Str. /Engineer-in-charge. | Cum  | 15   |                 |        |

| S.NO | ITEM DESCRIPTION  | UNIT | QTY  | ESTIMATED RATES | AMOUNT |
|------|---|------|------|-----------------|--------|
| 8    | Supply and laying 18 mm thick cement plaster with adding SBR polymer Ultratech/SIKA/Dr. Fixit bonding agent and waterproofing liquid 2% of weight of cement in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) finished rough with sponge.   | Sqm  | 210  |                 |        |
| 9    | Providing, Supplying & Fixing in position Fe500 TMT Steel Reinforcement bars (IS:1786) of all sizes & of approved make at all levels & places for all type of RCC work for footings, beams, columns, slabs, walls, lintels, pardi etc. including straightening, cutting, bending, making dowels, hooks, placing, tying in position using 16 SWG soft annealed steel wire, readymade cover blocks, spacers, chairs etc. complete. (Reinforcement including approved lap, chairs etc. but excluding binding wire, actually placed at site as per drawing & approved by architects only shall be measured for payment). The rate includes the cost of binding wire (JSW, TATA STEEL, JINDAL OR EQUIVALENT)   | Kg   | 150  |                 |        |
| 10   | Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer and finishing with 2 coats of enamel paint using structural steel etc. as required. In gratings, frames guard bar, ladder, railings brackets gates and similar work or as per direction of Engineer-in-charge.  | Kg   | 900  |                 |        |
| 11   | Providing and constructing brick masonry of any thickness for any shapes, fins, projections, in shafts using selected quality burnt clay FPS bricks of class designation 7.5 laid in cement mortar 1:6 (1 cement:6 coarse sand) mix, joints finished , flush/raked to 6mm depth including scaffolding, curing complete as per specification and drawing or as per the direction of Engineer-in-charge.  | Cum  | 30   |                 |        |
| 12   | Providing and constructing brick masonry of Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level for Cement mortar 1:4 (1 cement :4 coarse sand) or as per the direction of Engineer-in-charge.  | Sqm  | 30   |                 |        |
| 13   | Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry  | Sqm  | 32.3 |                 |        |
| 15   | Water proofing on Terrace with providing and laying APP (Atactic Polypropylene Polymer) Clean existing surface with wire brush, blower and water. Open out the small cracks & filling with cement + Grout + Polymer or with PU sealant as required Patch work repair by cement mortar as and when required. Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven 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 :Providing and applying rounded fillets at the corners of slab and walls, slab and columns and all junctions. Measurement : Exposed finished area shall be measured and paid. Work must be done through specialised agencies/authorised applicators of and furnishing guarantee for 10 years on suitable value stamp paper. | Sqm  | 675  |                 |        |
| 16   | Providing and Fixing double layer scaffolding system (cup type) on the exterior side, madewith 40mm dia, M.S. tube 1.5 m 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 for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracing, runners, connection with the building etc wherever required for inspection of work at required location with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.   | Sqm  | 30   |                 |        |

| S.NO                           | ITEM DESCRIPTION   | UNIT | QTY | ESTIMATED RATES | AMOUNT |
|--------------------------------|--|------|-----|-----------------|--------|
| 19                             | <p><b>P &amp; L Vitrified tiles in Floor - 600 x 600 mm / double charged glossy finish</b><br/> P &amp; L 1 st quality, plain colored vitrified tiles in flooring of size 600 x 600 mm, with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, including providing sufficient thickness (as / req. of the site) @ 60 mm c.m. 1:6 as bedding material. The job includes joint finishing with the help of white cement, cement color, with joint filler of approved make, cleaning etc. complete in all aspects. The shade, design, thickness and the size the tiles should be uniform. The tiles are to be fixed in suggested pattern, joined with suggested color cement slurry in joints. proper fixing level should be maintained. Full pieces have to be fixed except where small pieces are necessary. Small pieces are to be avoided as far as possible. The job includes fixing white tap on joints of the tiles, laying 3 mm thick floor bubble guard immediately after laying the tiles &amp; removing the same after completion of entire work including all other agencies work. Actual on site laid quantity will be considered for the measurement purpose. Rate to include cutting the tiles for floor ducts and lids of electrical, computer and telephone wires in coordination with electrical contractor and cleaning the same, curing etc. complete in all aspects as specified and directed by the Engineer/Architect.<br/> <b>(Approved Make- Johnson, NITCO, Somany, Kajaria, Orient)</b><br/> <b>(Basic Cost of tile- Rs. 50 / Sqft including GST)</b></p> | Sqm  | 30  |                 |        |
| 20                             | <p><b>Granite</b> : Providing and fixing in position first quality granite platform for washbasin in He and She toilet as per approval. Including wash basin area cutting, shall be fixed complete with wall with cement mortar (1:3) or adhesive compound material and filling complete including polishing &amp; moulding as per direction of Engineer-in-charge.</p>  | Sqm  | 45  |                 |        |
| 23                             | <p>Finishing walls with in design/ pattern Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 Sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 Sqm) including removal of splashes etc or as per direction of Engineer-in-charge. (Asian/ Nerolac/Berger).</p>   | Sqm  | 750 |                 |        |
| 25                             | <p>Finishing with Enamel paint for interiors and exteriors using Primer as per manufacturers specifications Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture as per direction of Engineer-in-charge.(Asian/ Nerolac/Deluxe)</p>  | Sqm  | 60  |                 |        |
| 26                             | <p>Providing and laying machine cut chisel dressed 25mm thick kota stone slab flooring as per approved quality over 20mm average thick base laid over and joined with grey cement slurry @2.75kg of cement per Sqm of area to receive the mortar, providing neat cement slurry @4.4kg of cement/Sqm of area over the mortar bed, joining each slab with neat cement paste/grouting with white cement mixed with pigment to match the shade of the slab including rubbing, mirror polishing complete 20mm base in 1:4 cement mortar as per the specification as per direction of Engineer-in charge.</p>  | Sqm  | 120 |                 |        |
| <b>TOTAL OF CIVIL ITEMS(B)</b> |  |      |     |                 |        |
| <b>C</b>                       | <b>ELECTRICAL WORK</b>   |      |     |                 |        |
| 1                              | <p>Removing/Shifting &amp; refixing of existing electrical cables and arrange temporary supply in toilet/premises area. the item includes removing at the time of dismantling and storing the street light fixture, clamps, brackets etc.proper without damaged or as per direction of Engineer-in-charge and refixing with all necessary tubes etc as required to satisfaction of architect /engineer in -charge.</p>   | Job  | 1   |                 |        |
| 2                              | <p>Wiring for street light to fixing of new brackets clamps etc as per layout with 3x2.5 sqmm wiring .</p>   | Each | 18  |                 |        |

| S.NO | ITEM DESCRIPTION   | UNIT | QTY | ESTIMATED RATES | AMOUNT |
|------|--|------|-----|-----------------|--------|
| 3    | Wiring for street light point/ exhaust fan/ light sockets etc. and fixing of new brackets claps etc as per layout with 3x2.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires in concealed/ surface using 16 SWG MS conducts, accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc (wherever required) and chromium plates brass screws/ rowel plug etc. PVC insulated earth wire (color code to be used) with proper clamps etc. all complete or as per direction of Engineer-in-charge. ( R.R./ Havells/ Polycab)   |      |     |                 |        |
|      | (Wherever required as per standard specifications).  |      |     |                 |        |
|      | i) Each circuit shall have independent earth wire.   |      |     |                 |        |
|      | ii) Each point shall be earthed.   |      |     |                 |        |
|      | iii) Circuit wiring is to be included in point wiring rates.   |      |     |                 |        |
| a    | One light points controlled by one 6 amp. Modular switch.  | Each | 15  |                 |        |
| 5    | 5/6A Secondary point in PVC Conduit:- Supply & Installation of point wiring for Raw power plug points on workstations / table/ wall using 2X2.5 + 1x2.5 Sq.mm FR LSH ( Fire Resistant Low smoke Low Halogen) copper conductor PVC sheathed flexible wire pulled from nearby point through PVC Conduit pipe (HMS) concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each point consisting of 1 nos of 6/10A , 3/5 pin sockets & 1 No.6/10A Switch , wired together forming one point. The earth wire of green color only. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.The job shall be complete & to the entire satisfaction of the Bank. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good the same. All switches sockets and accessories must be modular. All new points must be provided in concealed/recessed conduit unless directed by architect / engineer in charge Interconnections to movable furniture, if any, shall be done using flexible PVC Conduit with end couplers. | EACH | 6   |                 |        |
| 6    | UPS Primary point in PVC Conduit:- Supply & Installation of point wiring for UPS points on workstations / table/ wall using 2X2.5 + 1x2.5 Sq.mm FR LSH ( Fire Resistant Low smoke Low Halogen) copper conductor PVC sheathed flexible wire pulled from distribution board through PVC Conduit pipe (HMS Grade) concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each point consisting of 3 nos of 6/10A , 3/5 pin sockets & 1 No.6/10A Switch , wired together forming one point. The earth wire of green color only. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.The job shall be complete & to the entire satisfaction of the Bank. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good the same. All switches sockets and accessories must be modular. All new points must be provided in concealed/recessed conduit unless directed by architect / engineer in charge Interconnections to movable furniture, if any, shall be done using flexible PVC Conduit with end couplers.   | EACH | 0   |                 |        |

| S.NO                                     | ITEM DESCRIPTION   | UNIT | QTY | ESTIMATED RATES | AMOUNT |
|--|--|------|-----|-----------------|--------|
| 9  | 15/16A Secondary point in PVC Conduit:- Supply & Installation of point wiring for Raw power plug points on workstations / table/ wall using 2X4 + 1x4 Sq.mm FR LSH ( Fire Resistant Low smoke Low Halogen) copper conductor PVC sheathed flexible wire pulled from nearest power point through PVC Conduit pipe (HMS Grade) concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each point consisting of 1 nos of 16/20A , 3/5 pin sockets & 1 No.,16/20A Switch , wired together forming one point. The earth wire of green color only. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.The job shall be complete & to the entire satisfaction of the Bank. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good the same. All switches sockets and accessories must be modular. All new points must be provided in concealed/recessed conduit unless directed by architect / engineer in charge Interconnections to movable furniture, if any, shall be done using flexible PVC Conduit with end couplers. | EACH | 6   |                 |        |
| 12                                       | Supply and laying of 3x10 submains wiring in PVC conduit Supply and laying of 2x10 sq mm + 1x10 sq mm FR ( Fire Resistant) stranded Cu. Wire in PVC Conduit (HMS Grade) through wall / floor / above false ceiling / partition etc. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.The rate should include the cost of all materials, labour, T&P, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.   | RMT  | 30  |                 |        |
| <b>TOTAL OF ELECTRICAL WORK ITEMS(D)</b> |  |      |     |                 |        |



| S.NO     | ITEM DESCRIPTION  | UNIT | QTY | ESTIMATED RATES | AMOUNT |
|----------|---|------|-----|-----------------|--------|
| <b>D</b> | <b>PLUMBING ACCESSORIES</b>   |      |     |                 |        |
| d        | 40mm nominal outer dia pipes  | Rmt  | 30  |                 |        |
| e        | 50mm nominal outer dia pipes  | Rmt  | 30  |                 |        |
| 5        | Soil Waste and Rain Water PVC Pipe Type-B class<br>Providing and fixing PVC pipes on walls/floor including fixing the joints with specialized jointing solutions/ PVC solvent and fixed with G.I. clamps including cutting holes and making good the walls etc. items includes providing and fixing pipes fittings special such as door bend, horn bend, plain bend, cowls, sockets, door "T", "Y" junctions (both singles and double), nehani trape, P & S trape etc. complete make Supreme as directed of Engineer-in-charge. |      |     |                 |        |
| a        | For 100mm pipes   | Rmt  | 0   |                 |        |
| 6        | Providing & laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40mm nominal size ) all- arounds S.W. pipes including bed concrete as per standard design or as per direction of Engineer-in-charge.  |      |     |                 |        |
| a        | For 100mm pipes   | Rmt  | 30  |                 |        |
| b        | For 150mm pipes   | Rmt  | 120 |                 |        |

| S.NO                                     | ITEM DESCRIPTION   | UNIT | QTY  | ESTIMATED RATES | AMOUNT |
|--|--|------|------|-----------------|--------|
| 7  | Supplying & lowering salt glazed stone ware pipes & specials into trenches for all depths and lying out the same to correct alignment, gradient, levels etc. in trenches incl. all dressing and trimming of bed & side of trenches, if required, trimming & cutting of concrete beds & joints holes, supporting the pipes & specials in correct positions in a suitable rigid manner while the same are being jointed and until the surrounding benching, haunching and envelopes are completed . The sewer shall rest the bed at every point throughout its length and to ensure this it shall be grouted in with cement mortal 1:3 incl. the cost of the jointing & fixing the pipes and specials in trenches using cement mortal 1:1 & best white spun yarn. Item includes excavation and back filling etc. complete as directed. item includes covering the pipes with PCC 1:5:10 ( 1 cement 5 coarse sand 10 graded stone aggregates 40mm nominal size ) upto haunches of S.W. pipes including bed cover as per design . item also includes connecting with main sewer line of municipality. item also includes liasoning with statutory bodies for the said work or as per direction of Engineer-in-charge. No extra claim will be accepted at any cost. |      |      |                 |        |
| a  | 250mm  | Rmt  | 15   |                 |        |
| b  | 300mm  | Rmt  | 15   |                 |        |
| 8  | Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 fine sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design: Inside dimensions 455x610 mm and 45 cm deep for single pipe line With common burnt clay F.P.S. (non modular) bricks of class designation 7.5   | Each | 12   |                 |        |
| 16                                       | Providing and fixing S.S. Towel Rod (One bar 18 Inch-Chrome) as per selection of Architect/Engineer -in-charge.  | Each | 18   |                 |        |
| <b>TOTAL OF PLUMBING WORK ITEMS(D)</b>   |  |      |      |                 |        |
| <b>E</b>                                 | <b>FURNISHING WORK</b>   |      |      |                 |        |
| 3  | <b>Shed:-</b> Providing and fixing PVC fiber shed 0.7 mm thk. Over the shaft with MS frame work with all the fitting as per the instruction of th engineer in charge with complete fitting.  | SQM  | 12   |                 |        |
| 4  | <b>SS Railing :-</b> Providing and fixing SS RAILING 203 GRADE in glossy finish for common staircase after removing existing cement railing as per the instruction of the engineer-in-charge.  | SQM  | 19.5 |                 |        |
| <b>TOTAL OF FURNISHING WORK ITEMS(E)</b> |  |      |      |                 |        |

| S.NO  | ITEM DESCRIPTION  | UNIT                            | QTY | ESTIMATED RATES                  | AMOUNT |
|---|---|---------------------------------|-----|----------------------------------|--------|
| <b>SUMMARY</b>                                  |   |                                 |     |                                  |        |
|   |   |                                 |     | <b>TOTAL DISMANTLING WORK(A)</b> |        |
|   |   |                                 |     | <b>TOTAL CIVIL WORK(B)</b>       |        |
|   |   |                                 |     | <b>TOTAL ELECTRICAL WORK(C)</b>  |        |
|   |   |                                 |     | <b>TOTAL PLUMBING WORK(D)</b>    |        |
|   |   |                                 |     | <b>TOTAL FURNISHING WORK(E)</b>  |        |
|   |   |                                 |     | <b>SUB -TOTAL(A+B+C+D+E)</b>     |        |
|   |   |                                 |     | <b>GRAND TOTAL FOR I+II</b>      |        |
| (Note : Tax should be paid extra as applicable) |   |                                 |     |                                  |        |
|   |   | Authorised Registered Signature |     |                                  |        |
|   | Pages : 1 to10  |                                 |     |                                  |        |
|   | Place : Delhi   |                                 |     |                                  |        |
|   | Date :  |                                 |     |                                  |        |
| <b>NOTE :</b>                                   | 1- ALL THE TAXES SHOULD BE PAID EXTRA AS APPLICABLE . ALL THE ESTIMATE QUANTITY HAS BEEN TAKEN ACCORDING  |                                 |     |                                  |        |
|   | 2- DISMANTALLING TO BE DONE IN BRANCH SO ALL THE CONTRACTORS ARE ADVICES TO VISIT THE SITE BEFORE QUOTING ITEM INVCLUDES DEBRIS TO BE CARRIED FROM TH E HEIGHT AND FLOORS TO THE GROUND AND SEPRATED IN TO SERVICABLE AND UNSERVICEABLE MATERIAL. |                                 |     |                                  |        |
|   | 3- ITEMS RATE SHOULD BE INCLUDED ALL THE LIASIONING AND PERMISSION FROM LOCAL AUTHORITHES TO BE IN TH ESCOPE OF CONTRACTOR WORK.  |                                 |     |                                  |        |
|   | 4- BANK WILL NOT PAID FOR WORKING IN NIGHT OR ODD HOURS.  |                                 |     |                                  |        |
|   | 5- WITHOUT ANY OFFICIAL PERMISSION EXTRA WORK WILL NOT DONE. IF YOU DO ARCHITECT WILL NOT RESPONSIBLE   |                                 |     |                                  |        |
|   | 1 Average Point wiring length has been considered as 8 meters for primary points and 3 meters for secondary points  |                                 |     |                                  |        |
|   | 2 UPS has been considered to be single phase, up to 10 KVA  |                                 |     |                                  |        |
|   | 3 AC DB to be provided on non emergency supply  |                                 |     |                                  |        |
|   | 4 Suitable distribution board for providing power to various UPS DBs be considered based on requirement   |                                 |     |                                  |        |
|   | 5 All the taxes should be paid extra as applicable.   |                                 |     |                                  |        |