

ESTIMATE FOR THE PROPOSED CIVIL & SANITARY WORK AT  
SBI PUTTUR BRANCH AT PUTTUR.



M/s. Architect Associated  
1 ST Floor, City Commercial Complex,  
Opposite Tejaswini Hospital,  
Kadri road, Mangaluru - 575 003  
email: architectsassociated@gmail.com Ph: 9449824607

SL.NO.	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	<b>Note; Works are to be executed in operational Bank premises in phased manner without causing any in-conveniences to the Banking operations.</b>				
	<b>PREAMBLE</b>				
	Unless specified the rates quoted shall include :				
	1) All lead, lifts upto the disposal of materials.				
	2) Neatly stacking the dismantled items during the progress of work at designated locations inside the premises with proper barrication.				
	3) Disposing the debris/ wastage materials to municipal approved dumping grounds after obtaining necessary approvals.				
	4) Work should be carried out without causing any inconvenience to the Bank or any other general public.				
	5) Site shall be cleaned at regular intervals and shall be kept dust free at all times.				
	6) The quoted rate should include cost of necessary scaffolding, staging, centring, shuttering etc. as required for execution of the job at any height and location including removal of same. The scaffolding should be erected and anchored into the concrete members with help of expandable bolts, which are to be cut as the scaffolding is removed, no wall is to be punctured, at no extra cost to the Bank.				
	7) Contractor has to make arrangements at his own cost to tie a safety net around the work so that loose plaster/ concrete does not cause damage to the property or any human being, if necessary.				
	8) Contractor has to make arrangements at his own cost to cover entire external surface with Hessian cloth curtains so that not cause any damage to the existing structures near the building and even take care of dust control and carefully removing them complete.				
	9) Unless specified the rates quoted by contractor should include removing the existing sanitaryware such as wash basins, w.c.urinals/plumbing fixtures/concealed drainage & water supply pipes/p.c.e bed/ doors/ventilators and disposing them and making good the area with patch plaster in cm 1:4.				
<b>A</b>	<b>CIVIL WORKS</b>				
<b>A(i)</b>	<b>DISMANTLING/ REMOVING ITEMS</b>				
<b>1</b>	<p>Dismantling <b>manually or by mechanical</b> means all type of <b>Stone / brick / block masonry in the entire building including plastered walls</b> , parapet on terrace, compound wall &amp; existing Flooring / Dado/ Skirting/ Cladding Tiles including plastering underlying WPC in toilets, kitchen and vanity platform at all height etc. in existing sub structure and superstructure at all height and location. The contractor should take care that dismantling of structure should not cause any damage to the existing / adjacent structures near the building and even take care of dust control, noise control etc. Blasting is not permitted. All the work shall be carried out as instructed by Architect / SBI.</p> <p><b>The rate to include carting away un-serviceable material / debris to a place approved by Municipal Corporation. The work also includes leveling the ground after carting away.</b></p> <p>Removing Toilet flooring 12'0" X 4'9", Existing wall Door Open 3'0" X 7'0" X 2nos, toilet wall Tiles Remove 10'0"x5'0" + 13'9" x 5'0" +4'11" X5'0"X 3nos+ Plumbing line removing and old fixture removing etc.,</p>	1.00	Ls		-

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A(ii)	<b>FLOORING &amp; CLADDING WORKS</b>				
2	<p><b>Granite Flooring &amp; cladding</b></p> <p>Providing and laying in position 18mm ± 2mm thick <b>Lappato / Lapotra (leathered) Finished Granite stone</b> flooring in <b>Main entrance steps, ATM Entrance Steps, landing, front elevation Cladding, window sills</b> in one single piece for each steps front <b>full rounded /half rounded/chamfering/ patterned/ any groves horizontal / verticals</b> as per the design and drawings with nosing in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer in- Charge. Cost to include the full bull nosing on front side towards staircase (<b>Basic Cost Of Granite Rs.2200 per S.m</b> ). <b>The above basic cost does not include tax, transportation, wastage, M.S. Storage Stands, loading &amp; unloading etc. But should be Included to arrive at the tender rate. No extra claims towards the wastage shall be allowed.</b></p>	2.37	SM		-
3	<p><b>Ceramic Tile Flooring</b></p> <p>Providing and laying in position <b>Ceramic/Antiskid tiles flooring out of size 300 x 450mm (min 9mm thickness) for Toilets</b> of approved make, colour and size laid on avg. 20mm thick bed of cement mortar 1:3 on top of roof or on existing bed. <b>2mm spacer to be provided with epoxy chemical grouting of matching colour &amp; shade</b> neatly finished as per architect's directions with acid wash, complete for flooring. The tiles are to be laid in the pattern given by the architects. (<b>Basic rate of antiskid ceramic tiles at Rs.645/- per SM excluding tax, No extra claim towards the transportation, wastages shall be allowed.</b>) <b>Approved Make: Kajaria, Somany, Simpolo, Johnson, RAK, Nitco, or approved equivalent.</b></p>	9.78	SM		-
4	<p><b>GVT Tile Daddoing</b></p> <p>Providing and laying in position approved quality and shade <b>Glazed Vitrified tiles in Dado in toilets</b> etc. as per sample approved by the Architect/ Engineer-in-Charge fixed over 15mm thick rough finished backing plaster in CM 1:4 fixed with approved quality tile adhesive of <b>Bal Endura /Roff</b> or equivalent approved make including filling joints using <b>2mm spacer epoxy based chemical grouting with matching pigment including acid cleaning of tiles</b> complete in all respect and at all heights, levels and locations.</p> <p>Rate includes cost of CM 1:4 backing plaster with waterproofing compound, <b>pvc corner beadings</b> and execution of work all heights and locations including necessary scaffolding etc. complete..</p> <p><b>Make: Make: Kajaria, Somany, Simpholo, Johnson, RAK, Nitco, or approved equivalent.</b></p>				
a	<b>Glazed Vitrified Wall Tiles of size 1200 x 600 mm x min.9mm thk (Basic rate of GVT tiles at Rs.645/- per SM excluding tax)</b>	50.06	SM		-
5	<p><b>Vitrified Flooring</b></p> <p>Providing &amp; laying in-position <b>Vitrified tiles in floor and skirting</b> of approved make and colour uniformly in line, level and in approved design, including laying avg. 20 to 25 mm thick bed of CM 1:6 (1 cement : 6 coarse sand) and filling the joints of <b>3mm (using PVC spacer) with epoxy based joint filling compound of matching shade</b>, curing the joints etc complete.</p> <p>Rates to include providing &amp; fixing <b>100 mm high skirting</b> as per drawing flushed with finished surface of wall in line and level and <b>6 mm wide groove</b> to be made in wall at the junction of skirting and finished surface of wall etc. complete matching to flooring as per direction of Engineer In-Charge.</p> <p><b>Make: Kajaria, Somany, AGL, Simpolo, Johnson, RAK, Nitco or approved equivalent.</b></p>				

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a	<b>Double Charged Nano Polish Gloss / Matt finished Vitrified tiles: Size of Tile 600 x 600 mm x min. 9mm thk (Basic rate of tiles at Rs.800/- per SM excluding tax)</b>	305.17	SM		-
Aiii)	<b>MASONRY &amp; PLASTERING</b>				
6	<b>Laterite Stone Masonry</b> Providing and constructing laterite stone masonry in C.M 1:6 in super structure, using hard red stones, dressed on all 6 sides including scaffolding, lead and lifts, curing and threads lining joints etc, complete, Wall Thicnkness 230 mm	8.87	SM		-
7	<b>ACC Block Masonry</b> Providing and laying <b>autoclaved aerated cement blocks masonry</b> with 150mm thick AAC blocks in super structure above 1st floor level in cement mortar 1:4 (1 cement : 4 coarse sand ). The rate includes providing and placing in position <b>2 Nos. 6 mm dia M.S. bars at every third course</b> of masonry work,labour, lead, lift,scaffolding, transportation, HOM, curing etc complete.	20.74	SM		-
8	<b>PLAIN CEMENT CONCRETE</b> <b>Providing &amp; Laying PCC 1:4:8 in Flooring Bed - 3"(75mm) thk using approved quality 20mm and down graded stone ballast (jelly) sand etc. complete.</b>	7.04	SM		-
9	<b>Lintels concrete</b> Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs, with 20mm and down graded granite metal coarse aggregates @ 0.878 Cum and fine aggregates @ 0.459 Cum, <b>machine mixed</b> , concrete laid in layers not exceeding 150 mm thick vibrating, curing, lead, lift, necessary form work, HOM of machinery, finishing the honey comb surface using cement mortar of mix 1:3, etc., complete as directed by architect/PMC/client-In-Charge <b>for lintels and its projections of all shapes etc., including the cost of steel and fabrication charges. Reinforcement shall be of 4 nos. 10mm dia rods with 8mm dia striupps at 150mm C/c for entire length of lintels .</b>	0.54	Cmt		-
10	<b>Internal Wall Plastering</b> Providing and applying in position average <b>12/15mm thick</b> smooth finish cement Plaster in cement mortar 1:5 to <b>all internal walls</b> , using fine or Coarse sand and <b>adding polypropylene fibre</b> of approved quality in desired quantity <b>per bag of cement as per manufacturers specifications</b> complete. <b>Rate includes providing chicken mesh to all joints of RCC members with Brick walls</b> in all positions in proper line, level & plumb at all levels and heights with necessary scaffolding, cleaning of surfaces, raking out joints, roughening of surfaces ,curing etc complete as directed at site. Rate includes making Flush/raised/sunk or moulded bands of any width, recesses, making grooves etc. complete as per Architectural drawings and no extra payment shall be considered for the same.	97.55	SM		-

SL.NO.	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
<b>A(iv)</b>	<b>INTERNAL &amp; EXTERNAL PAINTING</b>				
<b>11</b>	<p><b>Internal wall painting</b>            Providing &amp; Applying low VOC <b>Acrylic Emulsion paint to internal walls, columns, etc.</b> of approved make , colour and shade <b>two coats over one coat of approved primer and two coats of putty.</b> The original surface should be scrapped and rubbed with sandpaper of zero size. All small holes, nails, open joints and minor defects of every kind shall be made good by putty. Before applying subsequent coats of paint, the surfaces shall be dried and lightly rubbed down smooth with sandpaper dusted. <b>For both the coats of painting rollers shall be used.</b> Cost including all lead, lift charges, materials, labour, conveyance, royalties sundries, T&amp;P, etc., complete for all heights <b>including providing and removing scaffolding upto 10.00 mts heights, etc.,</b> complete. Approved makes; <b>Asian / Berger/ ICI or approved equivalent.</b></p>	412.92	SM		-
<b>12</b>	<p><b>Ceiling Painting</b>            Scrapping , <b>Rubbing the existing Ceiling surface</b> with sand paper and then preparing the surface for painting; providing &amp; Applying low VOC <b>Emulsion paint to Ceiling</b> etc. of approved make , colour and shade <b>two coats over one coat of approved primer and two coats of putty.</b> The original surface should be scrapped and rubbed with sandpaper of zero size. All small holes, nails, open joints and minor defects of every kind shall be stopped by putty. Before applying subsequent coats of paint, the surfaces shall be dried and lightly rubbed down smooth with sandpaper dusted. <b>For both the coats of painting rollers shall be used.</b> Cost including all lead, lift charges, materials, labour, conveyance, royalties, watering, curing, sundries, T&amp;P, etc., complete for all heights including providing and removing scaffolding etc., complete. Approved <b>make; Asian/Berger/ICI or approved equivalent.</b></p>	80.26	SM		-
<b>13</b>	<p><b>External Wall painting</b>            Providing and applying Elastomeric <b>Paint to external walls <u>on old surface</u> as under:</b></p> <p>a) Preparing the existing surface by scrapping and rubbing with sandpaper to remove all loose adhered particles followed by washing with water using wire brush to ensure thorough cleaning and then providing &amp; applying external grade putty over the prepared surface.</p> <p>b) Providing and applying one coat of <b>water based Acrylic anti fungal Primer</b> of approved quality and make.</p> <p>c) Providing and applying one coat of fibre reinforced membrane <b>paint water proofing Coat of "Protek Basecoat" of Asian / "Weather coat long life Roof Guard" of Berger / "Aqua Touch" of ICI or equivalent</b> approved by the SBI having crack bridging ability up to 2.00 mm, superior anti-carbonation &amp; water proofing property.</p> <p>d) Providing and applying <b>2 or more coats of approved quality External Acrylic Emulsion paint, Exterior</b> grade having anti fungal property, resistance to dust &amp; dirt accumulation, resistance to fading of colours etc. of approved colour and shade <b>Apex Ultima (Asian) / Weather coat All Guard (Berger) / Weather Shield Max (ICI) or equivalent</b> approved by the SBI.            Note: Rates to include cleaning afterwards, necessary scaffolding / Cradle, debris safety netting, labour etc. and all heights complete.  <b>Make: Asian Paints Ultima Protek / Berger Weather coat Long Life or approved equivalent.</b></p>	75.87	SM		-
<b>14</b>	<p><b>Synthetic Enamel Paint</b>            Providing and applying <b>Synthetic Enamel Paint on doors / windows frame, shutters, railing, grills, gates etc.</b> in <b>two or more coat</b> of approved brand and shade including a priming coat as per manufacturers' specifications, after necessary preparation of surface with scrapping, sand paper rubbing, applying putty, including necessary scaffolding etc.complete as directed by the Engineer-in-charge.  <b>Paint: Asian, Nerolac, Berger, Dulux</b></p>	71.34	SM		-

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<b>A(v)</b>	<b>DOORS, WINDOWS &amp; GRILLS</b>				
<b>15</b>	<b>WPC Door with Frame</b> Providing and fixing 30mm thk WPC door shutter & WPC frame of size 125mm x65mm with rebate as per approved drawing and design including cost of materials, labour etc., complete. Density of WPC shall be min 800 Kg/m3 The rate shall include fixing of frame to the masonry wall 4 nos. 6mm dia 125mm long screws , 3 nos. 125mm SS hinges, aluminium screws, 1 nos. tower bolts, 2nos. 15mm SS handles, padlock etc complete <b>Approved make ; CenturyPly/ Alstone/ Niki or approved equivalent</b>	6.74	Sqm		-
<b>16</b>	<b>UPVC Toilet Ventilator</b> Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm..(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) <b>Ventilator Size (600mmX 450mm)</b>	3.00	No		-
<b>17</b>	<b>Fire Rated Door (3'3"x7'3")</b> Supply & Fixing of Fire Rated Single Leaf Door with frame and shutter (Make: Elite/Astral Windows/Pyran/Equv) , Shutter Sheet Thickness - 1.0mm GI, Frame sheet Thickness - 1.6mm GI, Shutter thickness - 46mm ,Profile - 100mmx58mm , Infill: Honey Comb with 2 hr fire resistant , Hardwares : SS Ball Bearing Hinges - 4 nos. , Vision Panel - 300mmX300mm - 1Nos, Dead Lock with Cylinder - 1 Nos, Door Closer - 1 Nos, D- Handle - 1 Nos, Sleeve anchor - 10nos, All rate includes necessary civil work, etc.,	1.00	No		-
<b>18</b>	<b>FABRICARTION (Collapsible Gate)</b> Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer, 2 coat Synthetic Enamel Paint of including cost of materials ,labour, usage charges of machinery complete as per specifications	8.18	Sqm		-
	<b>TOTAL A</b>				-
<b>B</b>	<b>PLUMBING, SANITARY &amp; WATER SUPPLY</b>				
	<b>PREAMBLE</b>				
	<b>Unless specified the rates quoted shall include :</b>				
	<b>1) Removing all existing old IWC, EWC, Wash basin, Pipes and fitting of GI/CI/PVC/UPVC .</b>				
	<b>2) All lead, lifts upto the disposal of materials.</b>				
	<b>3) Neatly stacking the dismantled items during the progress of work at designated locations inside the premises with proper barrication.</b>				
	<b>4) Disposing the debris/ wastage materials to municipal approved dumping grounds after obtaining necessary approvals.</b>				
	<b>5) Temporary connections between existing and temporary connection lines to be done as per site requirement.</b>				
	<b>5) Work should be carried out without causing any inconvenience to the Bank or any other general public.</b>				
	<b>6) Site shall be cleaned at regular intervals and shall be kept dust free at all times.</b>				
	<b>7) Unless otherwise mentioned rate shall include necessary scaffolding upto 10mts height, curing etc.</b>				

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19	<b>Waterproofing</b>  Providing & applying High Performance Elastomeric Cementitious <b>Waterproof coating "Brushbond - RFX" from Fosroc Chemicals (I) Pvt Ltd./ Dr.Fixit or approved equivalent in two coats to a thickness of 1mm each coat</b> after cleaning & removing the dust using electrically operated portable blowers & mixing the coating material with the help of a propeller agitator attached to a slow speed drill around 500 RPM & mixed for 2-4 minutes & applying on the cleaned surface after prewetting before applying on the cleaned terrace & after pre-wetting before applying to get best results etc., complete.	18.65	SM		-
20	<b>Waterproofing plastering</b>  Providing <b>Tech coat water proof plastering to sunken area and wherever</b> shown in the approved drawing in cement mortar 1:4, <b>20mm thick including</b> providing and removing scaffolding, rounding of all corners wherever required smooth rendering etc., complete mixing with <b>tech coat water proof compound of Fosroc/Dr.Fixit/Cera Chem or equivalent</b> as per manufacturers specifications and as directed by engineer-in-charge, including all lead, lift, curing etc., complete.	18.65	SM		-
21	<b>EWC with flush tank and fixtures</b> Supplying, installation, testing and commissioning of <b>Wall mounted European water closet</b> with 'P' trap solid seat and cover of approved make rubber buffer and Flap along with exposed cistern with SS outlet pipe, actuator plate, nuts and bolts, <b>15mm CP angle valve, CP wall flanges (1no) inlet pipe, bends, supporting brackets, 110 mm dia straight type syphon U PVC WC pan connector with neoprene rubber ring and necessary accessories etc.,</b> complete. Includes of 1 No. <b>15mm CP brass stop cock, 1 no 15mm CP pillar tap and Health faucet with 1.2mm long PVC Tube and Wall hook.</b> The cost shall include cutting and making good the wall and floor wherever required, including cost of materials, labour including lead and lift charges, all complete as per specifications.  <b>EWC with flush tank Jaquar- FLSWHT5353PPZ or approved equivalent of / Parryware/ Hindware/ Kohler/Cera with basic price of Rs.12,000/-</b>  <b>CP brass stop cock of Jaguar CON-059KN or approved equivalent of / Parryware / Hindware/ Kohler/Cera with basic price of Rs.950/-</b>  <b>Health faucet with 1.2mm long PVC Tube and Wall hook of Jaguar ALD-563 or approved equivalent of / Parryware / Hindware/ Kohler/Cera with basic price of Rs.1400/-</b> <b>CP Pillar tap (2in 1 type ) of Jaguar CON-041KN Basic rate or approved equivalent of / Parryware / Hindware/ Kohler/Cera with basic price of Rs.1,300/-</b>	2.00	Nos.		0.00
22	<b>Providing and fixing Countertop Wash Basin Counter;</b> Support structure; <b>20mm thick 600 mm wide polished granite slab counter</b> of approved shade & polished granite top and supported <b>below with 40mm thk kadapa slab and vertical leg supports made with 2nos.x20mm of approved shade &amp; polished granite at both ends</b> and in between two wash basins all as per drawing. Rate to include making holes for plumbing fixtures, <b>half/full rounding</b> , neatly finishing the joints , lead, lift curing etc.,complete. Basic Rate of Granite Rs.2100/ per SQM  Supplying & fixing of counter top Rectangular/Round wash basin of <b>Parryware Jordon or approved equivalent of Hindware/ Jaquar/ Kohler/ Cera make with Basic rate Rs. 4,000/-</b>  Each Wash basin to have <b>1 nos. Pillar cock of Jaguar KUP-35021PM approved equivalent of / Parryware/ Hindware/ Kohler/Cera with basic price of Rs.3,500/-, 1 nos. 32 mm CP brass waste coupling, 1 nos.CP brass stop cock, 1 nos. 15mm dia polythene pipe inlet with nuts, 1 nos. bottle trap all of hindware/parryware/jaguar or approved equivalent.</b>				
c	<b>Ground floor- Gents Toilet. Size of wash basin 1.20mx0.60m – with 1No. Wash basin</b>	1.00	Nos.		-

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23	<b>Wall hung wash basin</b> Providing and fixing white glazed vitreous Wall Mounted Wash Basin of size 55 X 40 cm (minimum) with all accessories like C.I. brackets, C.P. brass waste coupling, waste pipe, pvc connection pipe, painting of C.I. brackets, necessary fittings and hardware like rawl plug, rag bolt etc., cutting and making good the walls wherever required etc. complete as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge.	3.00	Nos.		-
	Basin : Hindware - Mario 10087 / Jaquar - Continental - CHS-WHT-801 / Cera - Clair S2040105 or equivalent approved by SBI. Waste Coupling : Hindware / Jaquar / Cera or equivalent approved by SBI				
24	<b>Urinals</b> Providing and fixing white vitreous Flat Back Type Urinal of size 28 X 34 X 69 cm (minimum) including all fitting like suitable C.I. brackets with GI rag bolts, C.P. brass pressmatic auto closing angle flush cock with wall flange along with connecting pipe and C.P brass spreaders, C.P. brass waste coupling, brass unions and GI clamps etc. all complete including cutting and making good the walls and floors wherever required as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge.	2.00	Nos.		-
	Urinal : Hindware - Rhine 96008 / Jaquar - URS-WHT-132530 / Cera - Carvan - S4020105 or equivalent approved by SBI Flush Valve : Hindware - F310003ACP / Jaquar - PRS-077 / Cera - S4020105 or equivalent approved by SBI Waste Coupling : Hindware / Jaquar / Cera or equivalent approved by SBI Spreader : Hindware / Jaquar / Cera or equivalent approved by SBI				
25	<b>Towel Rod</b> Supplying and Fixing approved make <b>CP towel rod</b> 20 mm dia 600 long with CP flanges fixed with SS screws complete @ shower area. ( <b>Approved Make : Jaguar AQN-7711 or approved equivalent of Parryware/Hindware/Kohler/Cera with basic rate of Rs.2,000</b> )	2.00	Nos		-
26	<b>Bib Cock</b> ; Supply and fixing of 15mm CP brass wall <b>Bib cock of Jaguar ORP-10037PM or approved equivalent Hindware/Parryware/kohler/Cera or approved equivalent heavy duty long body</b> CP brass wall, flanges, etc., all of approved make at all heights. (Basic Rate ; Rs.2,000/-)	1.00	No.		-
27	<b>Pillar Cock</b> ; Supply, fixing, testing and commissioning of 15mm diam Short body <b>C.P pillar cock of Jaguar- FUS-CHR-29001 /Hindware/Parryware or approved equivalent</b> with Basic rate of Rs.2,225 with C.P wall flange	3.00	Nos.		-
28	<b>Pillar Cock</b> ; Supply, fixing, testing and commissioning of 15mm dia long body <b>C.P pillar cock of Jaguar- FUS-29021N /Hindware/Parryware or approved equivalent</b> with Basic rate of Rs.2,700 with C.P wall flange	1.00	Nos.		-
29	Supply & fixing <b>Coat Hangers with twin hook</b> in one.	2.00	Nos		-
30	<b>PVC Nahani</b> ; Supply, Fixing in position of 100mm dia. heavy <b>PVC Nahani Trap</b> with <b>SS cockroach trap with 150mm dia SS grating</b> including constructing necessary brick masonry etc., complete as per drawings and directions.(Approved Make ; Astral/Supreme/Prince or approved equivalent.)	5.00	Nos.		-

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31	<p><b>Gully Trap;</b> Providing and fixing <b>Square Mouth PVC gully trap</b> of grade 'A' complete with C.I. grating embedded in brick masonry chamber with first class bricks in CM 1:5 and trap to be set in cement concrete 1:2:4, both side 12mm thick plastering with floating coat of neat cement, making necessary connections and <b>providing water tight double seal FRP Heavy duty cover with frame of 300 x 300 mm internal size.</b></p> <p>The rate also includes necessary excavation (mechanically / manually) to the required depth, dewatering, backfilling earth in exposed side, watering, ramming and removing the surplus excavated material and making good the same etc. complete as directed by Engineer-in-charge.</p> <p>600 x 600 mm chamber with 230 x 160 mm size 'P' trap  <b>FRP Cover Make: Thermodrain / Fibrocast / Sintex</b></p>	5.00	Nos.		-
32	<p><b>ANGULAR COCK</b></p> <p>Supply &amp; Fixing 15mm size CP ANGLE COCK, with CP wall flange . The rate is inclusive of C.P. Connector upto 600mm long &amp; connector pipes with flanges, bolts at both ends for connecting accessories to the water inlet.450mm long braided hose with 2- 15mm nuts and rubber washers without nipple suitable for geysers.etc. complete. ( Make- Asian Granito India Ltd. Texaro,Jaquar, Cera, Hindware, TOTO, Duravit, Parryware )</p>	9.00	Nos.		-
33	<p><b>Mirror;</b> Providing, fixing, of superior quality <b>Mirror</b> of specified <b>6mm thickness</b>, size, make of <b>Saint Gobain or any approved equivalent</b> ,complete with 12mm thick marine plywood sheet painted and fixed with c.p screws and washers including providing decorative teak wood frame as required,cutting and making the good the walls, floors etc., complete. <b>including around TW beading</b> with spray polish etc. complete.</p>				
a	<b>Ground floor Gents toilet 2.40 x x 0.60 mm</b>	2.00	No.		-
b	<b>Ground floor Ladies toilet 1.80 x x 0.60 mm</b>	2.00	No.		-
34	<p><b>Internal Water Supply System and fittings CPVC Pipeline</b></p> <p>Providing, Laying cutting, jointing, fixing and Testing of SDR-11 Chlorinated Polyvinyl Chloride (CPVC) Pipes conforming to IS:15778, UV resistant, having thermal stability for hot &amp; cold water supply, including all types of CPVC plain &amp; brass treaded specials and fittings as per the requirement, jointing of pipes and fittings with one step CPVC solvent cement and by Teflon tape on threaded end etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Make of all fitting shall be similar to pipe make.</p>				
	Rates including concealed work / surface mounted, chases cutting and fixing pipe with GI / CPVC clamps at <b>1.00 mtr. minimum spacing</b> and making good the walls etc.				
a	15 mm		RM		0.00
b	(3/4")20 mm	24.39	RM		-
c	(1")25 mm		RM		-
d	(1 1/4)32mm	14.63	RM		-

SL.NO.	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
35	<b>Internal &amp; External Sanitary Pipeline</b> Supply, fixing, testing and commissioning SWR PVC (Type B, Ring fit) <b>soil waste pipe</b> conforming to IS 13592-1992 including all fittings (IS 14735-1999), Eg: Bends, tees, elbows collars, junction, inspection <b>doors, cowls</b> , offset access pipes, jointing with PVC solvent, running of pipes suspended from the ceiling with brackets and fasteners, chasing / chipping walls using groove cutting machine, <b>making bores / core cutting in slab / beam / wall, foundation and packing the same with water proofing coating and mortar</b> ,cost shall include providing steel brackets, MS angle supports, Pipe supports (all MS angle supports / frames to be painted with two coats of primer) and fasteners. The cost shall include transportation, lead and lift, necessary excavation in trenches and refilling and repairing the surface to its original position including execution of work at all heights and locations etc. complete				
	50mm	0.00	RM		-
	75mm	8.54	RM		-
	100mm	11.59	RM		-
36	<b>Gate Valves</b> Providing and fixing <b>Gate valves</b> of carbon steel body and stainless steel ball (confirming to BS 535/MF-6 standard Make-Valter) of make Kisan / Prince / or any other approved equivalent and tested to 10kg/sq.cm.etc., all complete.( <b>Make : Jaquar /Hindware/ Parryware or approved equivalent</b> )				
	20mm	2.00	Nos		-
	25mm	1.00	Nos		-
	32mm	1.00	Nos		-
37	<b>Toilet Paper Roll Holder With Flap</b> Providing and fixing C.P. Brass Toilet Paper Roll Holder with Flap of approved quality with all necessary accessories and hardware like C.P. brass wall flange, screws, rawl plug including drilling holes in walls and making it good etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. <b>Model : Hindware - F880003CP / Jaquar - ACN-CHR-1153S / Cera - Hera - F5007110</b>	2.00	Nos		-
38	<b>Granite Stone Partition for urinals</b> Providing and fixing in line, level and plumb <b>Granite Stone Partition</b> of approved shade with table <b>rubbed, edges rounded and Both sides polished of size 1230 X 600 mm deep and 18 mm thick</b> fixed by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) and finished smooth as per design and direction of Engineer-in-charge. <b>(Basic rate at Rs. 1800/- per SM excluding tax. No extra claim towards the transportation, wastages shall be allowed)</b>	0.70	SM		-
	<b>TOTAL - B</b>				-
	<b>TOTAL - A</b>				-
	<b>TOTAL - B</b>				-
	Rebate Works				-
	<b>TOTAL A + B</b>				-