

**BOQ OF CIVIL AND PHE WORK AT GROUND FLOOR OF SBI GAYA MAIN BRANCH ON THE OCCASION OF CENTENARIAN OF BRANCH PREMISES**

**BOQ FOR CIVIL WORK**

SNO	WORK DISCRIPTION	UNIT	QTY	RATE	AMOUNT
	<b>DIMOLISHING AND REPAIR WORK</b>				
	<b>Dismantling old plaster due to wall seepage and crack issue inner side of premises</b>				
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	118.00		
	Demolishing brick work for purpose of redesign or opening				
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge..				
	In cement mortar	Cum	1.42		
	<b>EXISTING COLOUR WALL ,WINDOW GRILL PARTITION / DOOR</b>				
3	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	150.00		
	<b>TOILET FLOOR &amp; GUARD ROOM FLOOR</b>				
4	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Cum	7.50		
	<b>CHAJJA AND LINTEL INTERNAL SIDE</b>				
5	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cum	1.00		
	<b>EXISTING DOOR AND WINDOW WITH VENTILATORS OR SHUTTERS IF REQUIRED</b>				

6	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
6.1	Of area 3 sq. metres and below	No.	14.00		
6.2	Of area beyond 3 sq. metres	No.	4.00		
7	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:				
7.1	Of area 3 sq. metres and below	No.	2.00		
7.2	Of area beyond 3 sq. metres	No.	2.00		
8	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead :				
	Of sectional area 40 square centimetres and above.	Cum	2.00		
<b>EXISTING STEEL FRAME WORK</b>					
9	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	Kg	750.00		
<b>EXISTING FLOOR AND WALL TILE IN TOILET AND PANTRY</b>					
10	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	For thickness of tiles 10 mm to 25 mm	Sqm	199.54		
<b>FALSE CEILING AND LOW/FULL HT PARTITION WITH PANELLING</b>					
11	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	Sqm	144.70		
12	Brick on edge flooring with bricks of class designation 7.5 on a bed of 12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks:				
	1:6 (1 cement : 6 coarse sand)	Sqm	20.45		
<b>PCC WORK FOR FLOOR IN TOILET</b>					

13	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All work up to plinth level:				
	1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size)	Cum	3.12		
<b>PRECAST LINTEL BEAM FOR TOILET DOOR AND GUARD ROOM OPENING</b>					
14	Providing, hoisting and fixing above plinth level up to floor five level precastreinforced cement concrete in lintels, beams and bressumers, includingsetting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of requiredcentering and shuttering but , excluding the cost of reinforcement, with1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from naturalsources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	0.28		
<b>BRICK WORK for partition wall and after opening or taking out exterior opening</b>					
15	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	2.83		
16	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
	Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	13.94		
17	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.ird course of half brick masonry.	Sqm	13.94		
<b>ANTI- TERMITE TREATMENT FOR EXISTING HALL AREA ON FLOOR AND WALL</b>					
18	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti- termite treatment (excluding the cost of chemical emulsion) :				
	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor :				
	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration.	Sqm	115.00		
19	Supplying chemical emulsion in sealed containers including delivery as specified.				

	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	Ltr	115.00		
	<b>PLASTER WORK</b>				
	Plaster on smoth side or plaster repair after removing existing plaster inner side of wall				
20	12 mm cement plaster of mix :				
	1:4 (1 cement: 4 fine sand)	Sqm	82.23		
21	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	1:4 (1 cement: 4 fine sand)	Sqm	23.23		
22	20 mm cement plaster of mix :				
	1:4 (1 cement: 4 fine sand)	Sqm	59.00		
	6mm plaster for ceiling repairing				
23	6 mm cement plaster to ceiling of mix :				
	1:3(1 cement: 3 Coarse sand)	Sqm	25.00		
	<b>PAINTING WORK</b>				
24	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
A	Two or more coats applied on walls @ 1.25 ltr/10 sqm. over and including one coat of Special primer applied @ 0.75 ltr / 10sqm	Sqm	282.46		
B	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/ 10 sqm of approved brand or manufacture	Sqm	9.29		
	<b>GRILL PARTITION AND ROLLING AND COLLAPSIBLE GATE</b>				
C	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 or manufacture	Sqm	60.41		
	<b>ALL NEW PLASTERED WALL AND SCRAPPED WALL</b>				
25	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	282.46		
	Note:- All plaster work done with the mix of water proofing mixture as recommended				

	<b>FLOORING WORK</b>				
26	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				
	<b>HALL AND CAC AREA</b>				
	Double charge vitrified tile polished finish of size				
A	Size of Tile 600 x 1200 mm ( HALL AND CAC)	Sqm	106.04		
	<b>TOILETS, GUARD ROOM ,UPS ROOM ,STORE , BACK AREA OR STRONG ROOM AND LOBBY</b>				
B	Glazed Vitrified tiles <b>Matt/Antiskid finish</b> of size				
	Size of Tile 600 x 600 mm	Sqm	118.77		
	<b>SKIRTING 4" / DADO UP TO 7'0" TOILET WALL</b>				
27	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make in all colours & shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete.				
	Size of Tile 600x600 mm MATT FINISH /600X1200mm DOUBLE CHARGE POLISH	Sqm	95.00		
	<b>GRANITE WORK FOR WASH BASIN FOR COUNTER TOP AND PARTITION BETWEEN IN URINAL AND WASH PANTRY</b>				
28	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size,approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				

	Granite stone slab all colour and texture except black, Cherry/ Ruby red				
	Area of slab upto 0.50 sqm	Sqm	3.72		
29	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
	Granite work	m	6.10		
30	Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete	No.	1.00		
	<b>PVC DOORS FRAME FOR TOILETS ,STORE AND GUARD ROOM</b>				
31	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in-Charge.	m	45.90		
	<b>PVC DOOR PANEL IN ABOVE PVC FRAME</b>				

32	<p>Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top &amp; bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet</p>				
	<p>out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel.</p>				
	<p>10 mm (5 mm x 2 ) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail &amp; bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles &amp; rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification &amp; drawing.</p>				
	30 mm thick pre laminated PVC door shutters	Sqm	17.01		
<b>DOOR FRAME FOR ELECTRICAL AND UPS ROOM AND STAIR SIDE DOOR</b>					

33	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.	m	10.20		
<b>DOOR PANEL FOR ELE ROOM</b>					
34	30 mm thick Fiberglass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/ Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete as per direction of Engineer-in-charge.	Sqm	3.78		
<b>UPVC WINDOW AND VENTILATOR ON EXTERIOR WALL</b>					

35	<p>Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape &amp; size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash &amp; mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc.</p>				
	<p>After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification &amp; direction of Engineer-in-Charge.</p>				
	<p>Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 &amp; IS:16231 shall be paid separately.</p>				
	<p>Note:- Structural design proof checked from a Government Engineering Institute, to be provided by the manufacturer for: (i) Sites with basic wind speed &gt; 45 m/sec as per IS 875 - Part 3 (ii) Sites with structure height more than 20m for all wind speeds. Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.</p>				
	<p>UP TO 1.2M WIDE WINDOW AND VENTILATOR</p>				
	<p>Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.</p>				

	Using R4 series with frame (64mm & above) x (45mm & above) & sash (44mm & above) x (55mm & above) with zinc alloy (zamak) powder coated handle on every panel along with multi-point locking system (Height above 1.8m).	Sqm	15		
	ABOVE 1.2M TO 2.1M WIDE WINDOW				
36	Three track three panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.				
	Using R3 series with frame (98mm & above) x (40mm & above) & sash (30mm & above) x (55mm & above) with zinc alloy (zamak) powder coated handle on two end panels along with multi-point locking system (Height upto 1.8 meter).	Sqm	35		
	Float glass panes for upvc window				
37	5.0 mm thick glass panes (weight not less than 12.50 kg/sqm).	Sqm	50		
	<b>CAC CABIN 2NOS. +1 CASH DOOR</b>				
38	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes (weight not less than 10 kg per sqm) fixing with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws.				
	Second class teak wood				
	30 mm thick	Sqm	5.67		
39					
	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	1.89		
	<b>WOODEN DOOR FRAME IN PARTITION OR WALL</b>				

40	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
	Second class Teak wood 65X100mm	Cum	0.16		
41	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	Sqm	1.89		
42	Providing and fixing Wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete :				
	Teak wood beat for corner of table and glass partition				
	2nd class teak wood				
A	50x12 mm	Mts	25		
B	50 x 20 mm	Mts	35		
	French polish on wooden surface				
43	French spirit polishing :				
	Two or more coats on new works including a coat of wood filler.	Sqm	30		
44	Polishing on wood work with ready mixed wax polish of approved brand and manufacture :				
	New work	Sqm	30		
	<b>HARDWARE AND FITTING</b>				
45	Providing and fixing bright finished brass Night latch for <b>CASH COUNTER</b> of approved quality including necessary screws etc. complete.	No.	1		
46	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	No.	5		
47	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	No.	5		

48	Providing and fixing bright finished brass handles with screws etc. complete:				
A	125 mm	No.	10		
B	100 mm	No.	6		
49	Providing and fixing M.S. fan clamp type I or II of 16 mm dia M.S. bar,bent to shape with hooked ends in R.C.C. slabs or beams during laying,including painting the exposed portion of loop, all as per standard design complete.	Each	3		
<b>TOTAL CIVIL WORK</b>		<b>A</b>			
<b>BOQ FOR P. H. E. WORKS AT GROUND FLOOR</b>					
<b>S.N.</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
<b>A</b>	<b>WATER SUPPLY</b>				
1	Providing and fixing Chlorinated polyvinyl Chloride(CPVC) pipes,having thermal stability for hot & cold water supply,including all CPVC plain & brass threaded fittings,including fixing the pipe with clamp at 1.00 m spacing.This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of engineer in charge.				
(A)	20 mm dia. Nominal outer dia pipes	Metre	4.00		
(B)	25 mm dia. Nominal outer dia pipes	Metre	23.00		
2	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 testing of joints complete as per direction of engineer in charge.				
	Concealed work, including cutting chases and making good the walls etc.				

(A)	20 mm dia. Nominal outer dia pipes	Metre	30.00		
(B)	25 mm dia. Nominal outer dia pipes	Metre	6.00		
3	Providing and fixing brass gate valve with C.I. wheel of approved quality.				
(A)	20 mm Nominal bore	Each.	3.00		
(B)	25 mm Nominal bore	Each.	2.00		
4	Providing and fixing G.I. union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete				
(A)	20 mm dia. Nominal bore	each	4.00		
(B)	25 mm dia. Nominal bore	each	9.00		
	<b>C.P. BRASS FITTINGS</b>				
5	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931				
	15mm nominal bore	Each	4.00		
6	Providing and fixing C.P. brass long bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
	15 mm Nominal bore	Each	1.00		
7	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to 8931				
	15 mm Nominal bore	Each	3.00		
8	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to 8931				
	15 mm Nominal bore	Each	10.00		

9	Providing and fixing CP brass shower rose with 15 or 20 mm inlet				
	150 mm diameter	Each.	1.00		
10	Providing and fixing P.T.M.T. grating of approved quality & colour				
	circular type				
	100 mm nominal dia,	Each	8.00		
<b>B</b>	<b>SANITARY INSTALLATION</b>				
1	Providing and fixing water closet squatting pan(indian type WC pan)with 100mm sand cast iron P or S trap, 10 litre low fixture complete , including ctting and making good the walls and level white PVC flushing cistern,including flush pipe with manuall controlled device(handle leer) cofirming to IS 7231, with all fittings and floors wherever required				
	white vitreous china Orissa pattern WC pan of size 580X440mm with integral type foot rests	Each	2.00		
2	Providing and fixing white vitreous china pedestal type-water closet (European type WC pan) with seat & lid, 10 litre low level white PVC flushing cisternincluding flush pipe,with manually controlled device(handle leaver) confirming to IS:7231 with all fittings and fixture complete , including cutting and making good the wall and floors wherever required				
	WC pan with ISI marked white solid plastic seat and lid	Each	2.00		

3	Providing and fixing .white vitreous china flat back or wall corner type lipped front urinal basin of size 450 x 260 x 350mm and 340 x 410 x 265 mm sizes respectively with automatic flushing cistern with standard flush pipe and CP brass spreaders with brass unions and GI clamps complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required.				
	Range of two urinal basin with 5 litre white P.V.C. automatic flushing cistern.	Each	1.00		
4	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, , 32 mm C.P. brass waste of standard pattern, including paintings of fittings and brackets, cutting and making good the .wall wherever required.				
	White vitreous china flat back wash basin size 550X400mm with a single 15mm CP brass pillar tap	Each	4.00		
5	Providing and fixing 600X450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with CP brass screws & washers complete.	Each	4.00		
6	Providing and fixing 600X120X5 mm glass shelf with edges rounded off supported on anodised aluminium angle frame with CP brass brackets and guard rail complete fixed with 40 mm long screws ,rawl plug etc, complete.	Each	4.00		
7	Providing and fixing PTMT bottle traps for wash basin & sink				
	Bottle trap 31 mmsingle piece moulded with height of 270mm , effective length of tail pipe 260mm from the centre of waste coupling 77mm breadth with 25mm minimum water seal ,weighing not less than 260 gms.	Each	4.00		
8	Providing and fixing PTMT liquid soap container 109 mm wide,125mm high and 112mm distance from wall of standard shape with bracket of same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	Each	4.00		

9	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.				
	600 mm long towel rail with total length of 645mm width 78mm and effective height of 88mm, weighing not less than 190 gms.	Each	4.00		
<b>C</b>	<b>DISMANTLING</b>				
1	Dismantling WC pan of all sizes including disposal of dismantled material i/c malba all complete as per direction of engineer -in charge	Each	4.00		
2	Dismantling GI pipe (external work) including excavation and refilling trenches after taking out the pipes manually /by mechanical means including stacking of pipes within 50 meters lead as per direction of engineer -in charge				
	15 mm to 40 mm nominal bore	metre	25.00		
3	Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead	each	4.00		
4	Dismantling sanitary fixture including disposal of dismantled material i/c malba all complete as per direction of engineer -in charge				
	(a) wash basin	Each	4.00		
	(b) urinal	Each	2.00		
<b>G</b>	<b>NON SCHEDULED ITEMS(MARKET RATE)</b>				
<b>(a )</b>	<b>P.V.C. PIPE</b>				
	Providing and fixing soil,waste and vent pipes				
	110 mm dia	metre	44.00		
<b>(b )</b>	<b>P.V.C. FITTINGS</b>				
	<b>DOOR BEND</b>				
	110 mm dia	each	10.00		
	<b>BEND 45</b>				

	110 mm dia	each	20.00		
	<b>PIPE CLIP</b>				
	110 mm dia	each	20.00		
	<b>FLOOR TRAP</b>				
<b>9</b>	110X110 mm dia	each	8.00		
	<b>TOTAL PHE WORK</b>	<b>B</b>			
	<b>TOTAL CIVIL AND PHE WORK</b>	<b>A+B</b>			
	<b>GST EXTRA AS PER APPLICABLE</b>				