

<b>BILL OF QUANTITY</b>						
SL	ITEMS	UNIT	QTY.	RATE	AMOUNT	REMARKS
<b>A NORTH BLOCK AND OPEN AREA</b>						
<b>All Cores - Lift lobbies and S/case</b>						
1	<b>Marble Flooring</b> : 17 mm thick Marble stone flooring ( sample of marble shall be approved by IHC) over 20 mm thick base of cement mortar 1:4 ( 1 cement : 4 coarse sand ) laid and jointed with white cement mortar 1:2 ( 1 white cement : 2 marble dust ) with an admixture of pigment to match the marble shade including rubbing and polishing complete and also POP protective coat to prevent scratches, curing etc., <b>Basic Rate - 70/sft</b>					
a	<b>Yellow Jaislamer</b> :	SQM	550			
b	<b>Extra for pre finished nosing</b> to treads of steps of marble stone.	MTR	150			
c	<b>Extra for marble stone flooring</b> in treads of steps and risers using single length up to 2.00 metre .	SQM	275			
d	<b>Dismantling of marble flooring</b> with laid base cement mortar including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	SQM	550			
2	<b>Polished Kota Stone flooring</b> - 25 mm min'm thick stone slab flooring ( sample of marble shall be approved by IHC) laid over 20 mm thick base of cement mortar 1:4 ( 1 cement : 4 coarse sand ) and jointed with cemnt slurry with pigment to match the shade of the slab including grinding and polishing complete and also POP protective coat to prevent scratches, curing etc., <b>Basic Rate - Rs 35/sft</b>					
a	<b>25 mm thick stone slab flooring</b> :	SQM	100			
b	<b>Polished Kota Stone slabs 25 mm thick in risers of steps, landing, skirting, dado and pillars</b> using single length up to 1.00 meter laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	SQM	100			
c	<b>Dismantling of kota slab</b> with laid base cement mortar including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	SQM	200			
3	<b>Wooden Chaukhat - Toilet shaft</b>					
a	<b>Providing and fixing hollock wood chowkhat</b> - finish section 5" x 2'-1/2" fixed with 3 nos each side heavy duty MS hod fast fastand corner straps. Rate include the cost of embedding hold fast with cement concrete 1:2:4 painting two coats of soglignam paint on side of chowkhat two coats of synthetic paint over one coat of primer complete in all respect to the entire satisfaction of Engineer-in-Charge.	CUM	1			
b	<b>Removal and refixing of existing door shutter</b> : Removing of existing door shutter and refixing of door shutter including retification if rquired and providing and fixing of MS hinges etc with complete.	Nos	14			
c	<b>Dismantling of existing MS door frame</b> : Dismantling of existing MS door frame including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	Nos	14			

4	<b>Grinding and polishing</b> : Mirror polishing on existing marble work/Granite work over washbasin counter top to give high gloss finish complete	SQM	150			
5	<b>DADO -Wall tiles</b>					
a	<b>1st quality ceramic glazed WALL</b> tiles conforming to IS: 15622 B-1 b of minimum thickness 5mm of approved make like NITCO, ORIENT, SOMANY KAJARIA or equivalent make in all colours, shades, design and prints any size as approved by the IHC over 12mm thick bed of cement mortar 1:3 (1cement: 3coarse sand) and jointed with grey cement slurry @ 3.3kg per Sqm. including pointing in white cement mixed with pigment of matching shade complete. <b>Basic rate - Rs 40/Sft</b>	SQM	150			
b	<b>Dismantling of Dado in toilets</b> -Glazed laid in cement mortar including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	SQM	100			
6	<b>Counter Top</b> : Providing and fixing 18 mm thick marble wash basin counter top ans facia jhallar laid over 20 mm thick base cement mortar 1:4 with joints treated with white cement mixed with matching pigment , epoxy touchups including Making opening for washbasin and moulding/nosing to edge including grinding ,polish rubbing. to give high gloss finish etc complete at all level.( sample of marble shall be approved by IHC) <b>Basic Rate - Rs 80/sft</b>					
a	Udaipur Green Marble	SQM	10			
b	Extra for providing edge moulding to 18mm thick marble stone counters, vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by E-I-C	RMT	8			
c	Extra for fixing marble stone over and above corresponding basic item, in facia and drops of width upto 150mm with epoxy resin based adhesive including cleaning etc. complete.	RMT	8			
d	<b>Dismantling of Counter slab</b> with laid base cement mortar including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	SQM	10			
7	<b>Chequered Tiles</b> - Chequered precast cement concrete tiles 20 mm thick mix M25 over roof slab brick coba jointed with neat cement slurry mixed with pigmnet to match the shade of tiles including rubbing and cleaning etc complete on 20 mm thick bed of ceemnt mortar 1:4 ( 1 cement : 4 course sand )( sample of marble shall be approved by IHC)					
a	Coloured Tiles	SQM	500			
b	Dismantling and removing of existing china mosaic tiles including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	SQM	500			
8	<b>Plaster Work</b>					
a	<b>Repairs to plaster of thickness 12 mm to 20 mm in patches</b> of area 3.0 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including providing & removing scaffolding, curing, hacking etc., complete. With all lead and lift as directed by engineer in charge. Basements- North and South Block - Skirting and Dado with cement mortar mix -1:2:2 ( 1 cement : 2 fine sand : 2 coarse sand )	SQM	200			
b	<b>Providing and fixing of 12 mm thick cement plaster in mix 1:2 :2</b> ( 1 cement : 2 coarse sand : 2 fine sand )	SQM	100			

<b>9</b>	<b>BRICK WORK</b>					
	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 at all levels in all shapes and sizes in :					
<b>a</b>	230 mm thick Cement mortar 1:6 (1 cement : 6 coarse sand)	CUM	5			
<b>b</b>	115 mm thick cement mortar 1:4 ( 1 cement : 4 coarse sand ) including providing and placing in position 2 nos 6 mm dia MS bars at every fourth course of half brick masonry	SQM	50			
<b>10</b>	<b>CEMENT CONCRETE WORK</b>					
<b>a</b>	Providing and laying Cement concrete flooring 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete.					
<b>i</b>	50 mm thick 20 mm nominal size stone aggregate	SQM	100			
<b>b</b>	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering					
<b>i</b>	1:2:4 (1cement: 3coarse sand: 6graded stone aggregate 40mm nominal size).	CUM	1			
<b>iii</b>	1:3:6 (1cement: 3coarse sand: 6graded stone aggregate 40mm nominal size).	CUM	1			
	<b>OPEN AREA</b>					
<b>11</b>	<b>Brushed concrete paving</b> 50 mm thick brushed stone aggregate in cement concrete 1:2:4 laid in panels, consolidated, surface brushed and washed to exposed the aggregate but without dislodging same finished fair and cured with complete match with the existing surfae finishin complete all. <b>Internal service roads - Patch work</b>					
<b>a</b>	<b>50 mm thick brushed stone aggregate</b> in cement concrete 1:2:4	SQM	200			
<b>b</b>	<b>Repairing of contraction/ expansion, construction &amp; longitudinal joints</b> and cracks ( 10 mm wide x 50 mm deep) in existing brushed concrete paving by groove cutting machine, providing and filling joints with polysulphide sealants of thermoplastic or thermosetting in natuer with match to the existing surface finish complete all.	RMT	225			
<b>c</b>	<b>Dismantling of Brushed concrete paving</b> - Dismantling of 50 mm thic brushed stone aggregate CC -1:2:4 including including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	SQM	200			
<b>12</b>	<b>GUNITED PLASTER</b>					
<b>a</b>	<b>Repairs to 30 mm thick GUNITED plaster</b> protectaive coating to steel members ( of Bridges) at bridge height with well care of existing 30 mm thick gunited providing coating and welded expanded metal wire mesh reinforcemnt .					
<b>i</b>	With mix 1: 2 : 2 ( 1 Cement : 2 Coarse Sand- Stone Dust : 2 Fine Sand ) over expanded metal mesh	SQM	40			
<b>b</b>	<b>Providing and fixing tubular steel double scaffolding</b> to reach any height work for the plastering and painting work of bridge including dismantling after completion of works and taking away all scaffolding materials after the completion of proposed work. etc. all complete. . For side and bottom of bridge - Bridge size- Length -25 mtr x Side Width 03 mtr and Height of bridge from ground level- 20 mtr.	JOB	1			
<b>c</b>	<b>Removal of gunited plaster work</b> including disposal of rubbish to out side of building to the municipal dumping ground as per direction of Engineer -in-charge :	SQM	40			
<b>13</b>	<b>Exterior paint</b>					

a	<p><b>Water-proofed Cement Paint</b></p> <p>Providing &amp; applying 2 coats of water-proofed cement paint Apex of asian paint\' weather shield\' from I.C.I. or approved equivalent shade and make as per the manufacturers specifications, including necessary surface preparation, thoroughly wetting surface &amp; complete with curing with single base coat of primer and wall putty as per the recommended application procedure to the entire external plaster surface of the steel structure bridges the same, which is to be included in this item only. Rate to be applicable for all heights &amp; levels surfaces &amp; texture. No extra payable for extra paint consumption due to surface texture.</p>	SQM	50			
14	<p><b>WATER PROOFING WORK- on existing " Brick Koba " in courtyard areas ( Roof Garden over basement ) :</b></p>					
a	<p>Providing and laying Dr FIXIT NEWCOAT water proofing treatment of higher dry film thickness of 1mm in three coat application on existing " Brick Koba " in courtyard areas ( Roof Garden over basement ) :  Applying heavy duty reinforced acrylic waterproofing coating of Dr Fixit Newcoat with water based primer of Dr Fixit Primeseal of Dr Fixit . The treatment shall generally conform &amp; including the following specifications and operations :</p> <p><b>a) CLEANING AND THOROUGH SURFACE PREPARATION :</b>  Properly cleaning and removing the cement slurrries, dust, dirt, foreign or loose materials contaminants liatance etc. which could effect the bond coating and substrate on the existing treatment by means of wire brush, scrapper etc.</p> <p><b>b) SURFACE CRACK REPAIR:</b>  Any crack and damaged portion of brick joints shall be repaired with Dr Fixit Pidicrete URP and in case surface crack are wider than 5 mm, shall be filled / repaired with Dr Fixit Crack X. (The mix of mortar shall be as per recommendation of manufacturer).</p> <p><b>c) Making corner fillet of at least 125 mm x 125 mm in size and quarter round in shape concave shape with at the junction of horizontal &amp; vertical parapet wall.</b></p> <p><b>d) PRIMER : Dr FIXIT RRIMESEAL</b>  Application of coat of "water based primer" composed of acrylic emulsion polymer mixed with water i.e dilute two parts of Dr Fixit Primeseal with one part of water. This dilution will cover minimum eight sqmtr area /l tr/coat by brush over the prepared surface and up to 300 mm height of vertical wall. The minimum drying time of primeseal coat will be six hours.</p> <p><b>Dr FIXIT NEWCOAT - MAIN COAT</b></p> <p><b>e) Apply the 1st coat of Dr Fixit New Coat in horizontal direction without any diluatiun at the ratio of 4 sqm/litre/coat and allow it to dry before taking up in the second and third coats</b>  <b>WOVEN</b>  <b>GLASS FIBER MESH ( 2.5 mm x 2.5 mm ) and 2nd COAT of Dr FIXIT NEW COAT</b> <b>f) An open</b>  woven glass fibre mesh of 2.5 mm x 2.5 mm must be sandwiched between the first and second coat. While the first coat is still wet, place the fiber mesh on it. After the first coat dries , start applying the 2nd coat of Dr Fixit Newcoat in perpendicular direction to the 1st coat at the rate of 2 sqm /ltr/coat. The mesh shall be extended up to the slab wall corner fillet . The drying time of 2nd coat will be minimum seven hours.</p> <p><b>g) 3rd COAT of Dr FIXIT NEWCOAT</b>  Application of 3rd coat of Dr Fixit New Coat in horizontal direction without any diluatiun at the same rate 2 sqm/ltr/coat. The drying time of 3rd coat will be minimum seven hours.</p> <p><b>h) Treated surface</b>  must be allowed to air cure for 7 days minimum . A total thickness of 1 to 1.2 mm must be achived when Dr Fixit new coat is dry.</p> <p><b>i) The entire treatment will be taken up to 30 cm (The height shall be measured from highest finished level) wall.</b></p> <p><b>j) Testing of treatment by water ponding by filling water up to 50 mm height for 48 hours to ensuer leak free water.</b>  (For the purpose of measurement the only exposed finished surface shall be measured after completion of treatment.)</p>	SQM	650			
OR						

b	<p>Providing and laying Dr FIXIT ROOFSEAL Elastomeric Bituminous Waterproofing Coating on existing " Brick Koba " in courtyard areas ( Roof Garden over basement ) :</p> <p>Applying heavy duty reinforced acrylic waterproofing coating of Dr Fixit Roofseal with solvent based bitumin primer of Dr Fixit Trochshield of Dr Fixit . The treatment shall generally confirm &amp; including the following specifications and operations :</p> <p><b>a) CLEANING AND THOROUGH SURFACE PREPARTION :</b></p> <p>Properly cleaning and removing the cement slurries, dust, dirt, foreign or loose materials contaminants liatance etc. which could effect the bond coating and substrate on the existing treatment by means of wire brush, scrapper etc.</p> <p><b>b) SURFACE CRACK REPAIR:</b></p> <p>Any crack and damaged portion of brick joints shall be repaired with Dr Fixit Pidicrete URP and in case surface crack are wider than 5 mm, shall be filled / repaired with Dr Fixit Crack X. (The mix of mortar shall be as per recommendation of manufacturer).</p> <p>c) Making corner fillet of at least 125 mm x 125 mm in size and quarter round in shape concave shape with at the junction of horizontal &amp; vertical parapet wall.</p> <p>d) <b>PRIMER : Dr FIXIT TORCHSHIELD PRIMER : SOLVENT BASED BITUMIN PRIMER</b></p> <p>Application of coat of " AAP modified bitumin based membranes for waterproofing of solvent based bitumin primer without any diluation of cold brush apply horizontally. The solvent cover minimum four sqmtr area /l ltr/coat by brush over the prepared surface and up to 300 mm height of vertical wall. The minimum drying time of torchshield primer coat will be twelve hours.</p> <p>e) <b>MAIN COAT of Dr FIXIT ROOFSEAL :</b> Cold applied Elastomeric Bituminous Waterproofing Coating</p> <p>i) Apply a coat of Dr Fixit Roofseal on vertical upstand at an average grith of 200 mm an allowed drying.</p> <p>ii) Apply two coat horizontallly Dr Fixit roofseal at .75 ltr/sqmtr/coat at interval of 24 hours between the coat an apollowed drying completely.</p> <p>Testing of treatment by water ponding by filling water up to 50 mm height for 48 hours to ensuer leak free water. (For the purpose of measurement the only exposed finished surface shall be measured after completion of treatment.)</p>	SQM	650			
c	<p><b>Providing and laying protection screed</b> with 1:2:4 (1 cement : 2 Coarse sand : 4 Aggregate 8 mm down) with <b>average thickness 25 mm</b> along with integral water proofing compund, which shall confirm to IS 2645 as per manufacture specification.</p>	SQM	650			
15	<p><b>Broken aggregate fill to required thickness</b> over brick koba waterproofing in location called for over basement roof , packed tightly as approved complete with supply of coarse sand - Badrpur sand or equivalents to filling of gaps . <b>Removed brocken brick aggregate material will be used for filling the required thickness</b></p>					
a	<p>With brocken brick aggregartes 50 mm and down - <b>only labour rate</b></p>	CUM	100			
b	<p><b>Supplying and filling broken brick aggregate</b> fill to required thickness over brick koba waterproofing in location called for over basement roof , packed tightly as approved complete. ( <b>With brocken brick aggregartes 50 mm and down</b> )</p>	CUM	20			
16	<p><b>Lean Concrete 1:4:8 over courtyard roof slab</b> laid to required thickness in panels not exceeding 3 sqm , consolidated cured etc. including side form complete</p>					
a	<p><b>Using broken brick aggregate 20 mm</b> and down in place of stone aggregate.</p>	CUM	90			
17	<p><b>Rough Sand Stone</b> - 40 mm min'm thick rough dressed stone slab flooring with machine cut edges laid over base of 25 mm thick cement mortar 1:4 ( 1 cement : 4 course sand ) and jointed with cemnt slurry with pigment to match the shade of the slab : Basic rate to be quote <b>Basic Rate - Rs 35/sft</b></p>					
a	<p><b>40 mm thick rough red sand stone</b></p>	SQM	650			
b	<p><b>Extra charges as above ( 8-i )</b> for skirting, coping, treads, risers and ledges and seating etc - less then 400 mm wide</p>	SQM	100			

18	<b>Fine Chiesal dressed stone grating ( catch basin cover ) 40 mm thick</b> , with machine cut edges and neatly made perforations ( 50 mm square holes ) same as existing , placed over catch basins including fine chisealing to bearing edges to ensuer perfect fitting on the catch basin overall size 500 x 500 mm					
a	<b>In red sand stone</b>	NOS	20			
19	<b>Dismantling of existing red sand stone flooring</b> ,with laid base cement mortar including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	SQM	650			
20	<b>Dismantling of existing approx 125 mm thick broken brick aggregate lean Concrete 1:4:8</b> over courtyard roof slab including including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	CUM	80			
21	<b>Dismantling /Removal of approx 150 mm thick Broken brick aggregate filler</b> with coarse sand over courtyard roof slab including including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	CUM	90			
22	<b>Providing 20 mm thick water proof cemnt plaster in two coats</b> for external wall under layer 12 mm thick cement plaster 1:4 (1 cement: 4 coarse sand) top layer 8 mm thick cement plaster 1:6 (1 cement: 6 fine sand)and finished as specified, including providing necessary plaster grooves at junctions wherever required and for all exterior heights etc. for top layer finish & finished rough with sponge for sand face plaster. The quoted rate shall include addition of approved water-proof compound (dosage as per manufacturer),GI Diamond/plaster mesh for joints, as directed by the Engineer-in-charge at all levels					
a	<b>Providing 20 mm thick cement plaster in two coats</b>	SQM	100			
23	<b>6 mm thick rendering</b> to soffits and sides of slabs, walls , beam and other concrete surface	SQM	200			
24	<b>Supplying, laying and fixing of std. chicken wire mesh</b> IRCS-6(6 x 6 x 6/6) in positions at junctions of concrete & masonry works etc. all complete as per specification, drawing and instructions of enginner in charge.	SQM	50			
25	<b>Removal of existing damage plaster work</b> including disposal of rubbish to out side of building to the municipal dumping ground as per direction of Engineer -in-charge :	SQM	100			
26	<b>CEMENT CONCRETE WORK</b>					
a	Providing and laying Cement concrete flooring 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete.					
i	50 mm thick 20 mm nominal size stone aggregate	SQM	100			
b	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering					
i	1:2:4 (1cement: 3coarse sand: 6graded stone aggregate 40mm nominal size).	CUM	1			
iii	1:3:6 (1cement: 3coarse sand: 6graded stone aggregate 40mm nominal size).	CUM	1			

c	<b>Dismantling concrete work</b> for all types of structures at all levels including stacking of servicable material to a lead of 500 m and disposal of rubbish to out side of building to the municipal dumping ground as per direction of Engineer -in-charge :cutting of reinforcement, labour, equipment, safety precautions etc all complete as per specification and instructions of engineer in charge.					
i	Plain cement concrete of all grades up to mix M10 -1:3:6	CUM	1			
ii	Reinforced cement concrete of all grades M15 to M25 ( 1:2:4 to 1:1:2)	CUM	1			
27	<b>Fabricating supplying and installing in position MS steelwork</b> in gates, fencing, grills, drain cover and grating frame work etc with frame work of profiles, sizes and design of MS angles, flats, square bars etc as called for including all cutting, bending, welding, grinding and other operations etc as required all accessories as required Primer surface and finish coats of enamel complete as per existing design or specified by the engineering in charge.	KG	1000			
<b>C SOUTH BLOCK</b>						
1	<b>Polished Kota Stone flooring</b> - 25 mm min'm thick stone slab flooring laid over 20 mm thick base of cement mortar 1:4 ( 1 cement : 4 course sand ) and jointed with cemnt slurry with pigment to match the shade of the slab including grinding and polishing complete. <b>Basic Rate - Rs 35/sft</b>					
a	25 mm thick	SQM	400			
b	<b>Polished Kota Stone slabs 25 mm thick in risers of steps, skirting, dado and pillars</b> laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	SQM	200			
c	<b>Dismantling of existing kota slab</b> with laid base cement mortar including including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	SQM	500			
2	<b>Ceramic Glazed Tiles-DADO</b> :Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacture) of approved make in all colours, shades, design and print of any size as approved by IHC in wall dados and skirting over 12mm thick bed of cement mortar 1:3 (1 cement :3 coarse sand) and jointing with grey cement slurry @ 3.3 Kg/sqm including pointing in white cement mixed with pigment of matching shade complete. <b>Basic rate - Rs 40/Sft</b>					
a	<b>1st class ceramic glazed tiles</b>	SQM	200			
b	<b>Dismantling of existing dado tiles</b> with laid base cement mortar including including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	SQM	100			
3	<b>Polished Red Sand Stone flooring - S/case out side convention centre -GR to 1st Fl</b>					
a	<b>25 mm min'm thick stone slab flooring - staircase</b> laid over 20 mm thick base of cement mortar 1:4 ( 1 cement : 4 course sand ) and jointed with cemnt slurry with pigment to match the shade of the slab including grinding and polishing complete . <b>Basic rate - Rs 30/Sft</b>	SQM	50			
b	<b>Extra for marble stone flooring in treads of steps</b> and risers using single length up to 2.00 metre .	SQM	50			
c	<b>Anti skid stainless steel stair nosing</b> - width size - 60 x 60 mm , thicknesses 3/16" and length up to 10 feet and grade 404 with complete adhesive and mechanical fitting.	RMT	50			

d	<b>Dismantling of existing red sand stone</b> with laid base cement mortar including including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	SQM	50			
4	<b>FALSE CEILING</b>					
a	<b>POP False Ceiling -</b> Providing and fixing of plain suspended false ceiling of 24 gauge GI sheet main rafters of size 50 mm with flanges on either sides from the soffit 1000 c/c ,suspended with 25 mm x 2 mm MS hooks with steel expansion fasteners from the RCC slab, ceiling section of 24 gauge GI sheet channel of size 40 mm with flanges on either side from soffit at 355 mm c/c fixed to the runners with steel screws and applying 10 mm thick first coat of plater of paris layer finished with smooth surface including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, including trap door with 19 mm thick MR grade plywood with moulding in edges including primer and main plastic emulsion paint all complete as per specification and direction of the Engineer in Charge . No extra will be paid for light cuttings/grills/diffusers, cutouts , trap door etc. No extra channel will be paid if its is required for additional support etc.	SQM	100			
b	<b>Gypsum Board Ceiling</b> Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I.wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/ partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes and finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint , all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, including trap door with 19 mm thick MR grade plywood with moulding in edges including primer and main plastic emulsion paint all complete as per specification and direction of the Engineer in Charge . No extra will be paid for light cuttings/grills/diffusers, cutouts , trap door etc. No extra channel will be paid if its is required for additional support etc.					
i	<b>12.5 mm thick tapered edge gypsum moisture resistant board</b>	SQM	100			
	<b>OR</b>					
ii	<b>12.5 mm thick tapered edge gypsum fire resistant board conforming to IS: 2095- Part I</b>	SQM	100			
c	<b>Dismantling of existing gypsum board / POP false ceiling</b> with GI frame etc. including stacking of serviceable materials to any distance at scrap yard with in compound and disposal of unserviceable material to out side of building to the municipal dumping ground as per direction of Engineer-in-charge.	SQM	100			
5	<b>POP Punning</b> - providing and applying plaster of paris ( super fine quality ) punning with minimum thickness of 6 mm and finish the surface smooth in line and level including scrapping and hacking the existing finished surfaces, scaffolding etc. complete .	SQM	100			



6	<b>Plastic Emulsion Paint:</b> Three or more coat of 1st quality Plastic Emulsion Paint of approved manufacturer and of required shade and colour complete as per manufacturer's specification to ceiling with complete finish etc and allow for preparation of surface and a coat of primer specified etc	SQM	200			
7	<b>Synthetic Enamel Paint:</b> Two or more coat of 1st quality Synthetic Enamel Paint of approved manufacturer and of required shade and colour complete as per manufacturer's specification to ceiling with complete finish etc and allow for preparation of surface and a coat of primer specified etc	SQM	200			
8	<b>Wooden Chaukhat &amp; laminate shutter door</b>					
a	<b>Providing and fixing Second Class Indian Teakwood Chowkhat-</b> finish section 5" x 3" and 5" x 2" fixed with 3 nos each side heavy duty MS hold fast fastand corner straps. Rate include the cost of embedding hold fast with cement concrete 1:2:4 and treated with anti-termite paint and above painting two coats of soglignam paint on side of chowkhat two coats of synthetic paint over one coat of primer complete in all respect to the entire satisfaction of Engineer-in-Charge.	CUM	3			
b	<b>P / F 40 mm thick standard flush Door shutter with 1mm thk. laminate</b> on both sides, with melamine polished teakwood margin on exposed edges including hardware door fitting of handle & lock complete in all respects .Handles:- SS Handle, Lock :- godrej cylindrical lock , Hinges :- 3 Nos SS Hinges –Heavy gauge each shutter, Tower Bolts:- 2 Nos stainless steel each shutter and Stopper:- One each shutter.	SQM	30			
c	<b>Dismantling of existing MS door frame</b> including removing of existing door shutter and including refixing of door shutter in new door frame including the providing and fixing of MS hing etc.	NOS	25			
9	<b>P/1 12 mm thick plaster</b> in mix -1:4 (1 cemet : 4 Sand -60% coarse + 40% Fine )	SQM	100			
10	<b>CEMENT CONCRETE WORK</b>					
a	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering					
i	<b>1:2:4</b> (1cement: 2coarse sand: 4graded stone aggregate 40mm nominal size).	CUM	1			
ii	<b>1:3:6</b> (1cement: 3coarse sand: 6graded stone aggregate 40mm nominal size).	CUM	1			
<b>TOTAL</b>						
<b>Note - Basic rate of materials : Rates are exclusive of contractor's profit, over heads and carriage but include octroi, royalty, sales tax (VAT) etc</b>						