

### Bill of Quantities

**NAME OF THE WORK :- A.R.M. CIVIL WORK OF E.S.I.C. SRO  
BUILDING AND BRANCH OFFICE CHINCHWAD BUILDING & RESIDENTIAL  
QUARTERS FOR THE YEAR 2015-2016**

Sr. No	Description of item	Qty. Estimat ed may be more or less	Unit	Rate	Amount in figure	Amount in words
1	4	5	6	7	8	9
1	<b>Manpower</b> : Providing service of Plumber (Skilled or Fitter)	12	Month			
2	Providing Services of Safaiwala	60	Days			
3	Providing Services of 1 <sup>st</sup> Class Carpenter	120	Days			
4	Providing Services of 1 <sup>st</sup> Class Mason	60	Days			
5	Providing Services of Coolies	180	Days			
6	Providing Services of 1 <sup>st</sup> Class Black Smith	12	Days			
7	Hire Charges of Welding Machine (Tex turning machine)	12	Days			
8	<u>PVC SHUTTER &amp; WOODEN SHUTTER WITH FITTING</u> : Providing and fixing ISI marked ms pressed butt hinges bright finished with necessary screw etc complete of size 100 x 58 x 1.9mm Make ISI Mark	300	Nos.			
9	Taking outdoors windows and clerestory window shutter (steel or wood) including stacking within 50mtr. Lead of area 3 sq.mm. and below	83	each			

10	Providing and fixing 25 mm PVC thick door shutter made styles and Rails of PVC Hollow section of size 60 x 25 mm and wall thickness 1.83 mm DWUF 302 single Panel of size not less than 620 mm having overall thickness of 20 mm and 1.22 mm wall thickness and 0.91 mm thick internal ribs SPUF 127 as per manufacture, specification and direction of Engineer Incharge. Made of Sintex	50	sq. mtr.			
11	Providing and fixing 125 mm Aluminum handles ISI marked anodized (anodic coating not less than grade Ac-10 as per IS 1868) transparent or dyed to required color or shade with necessary screws complete.	66	Nos			
12	Providing and fixing Aluminum Tower bolt ISI marked anodized (anodic coating Transparent or dyed to required color or shade with necessary screws etc. complete of size 150 x 10mm dia.	216	Each			
13	Providing & Fixing ISI marked flush door shutters conforming to IS 2202 (Part I) non decorative type, core of black board construction with frame of 1st class hard wood and well matched commercial 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	50	Sq mt.			
14	ditto but decorative type core of black board	9	Sq mt.			
15	Providing and fixing Aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade Ac-10 as per IS 1868) Transparent or dyed to required colour or shade with nuts and screws etc. complete of size 300X16mm.	33	Each			
16	Providing & fixing SS floor door stopper as per existing design including removing the existing defective / damaged stopper	33	Each			
17	Fixing only Hydraulically operated type door closure in repair	5	Nos			

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18	Providing & fixing door closure hydraulically operated godrej make or equivalent including removing the existing defective door closure	10	Each			
19	Supply and fixing steel type lock mortise with double 'C' type handle 20 mm dia make Door set as per existing sample fitted in the shutter. Make DORSEKARA	10	Nos.			
20	Extra for providing lipping with 2 <sup>nd</sup> class teak wood buttons 25 mm minimum depth on all edges of shutter to be measured	59	Sq. mt.			
21	Providing & fixing Aluminum handle, ISI marked anodized (anodic coating not less than grade AC-10 as per IS 1868) transparent or dyed to required colour or shade with necessary screws etc. complete 100 mm	200	Each			
22	<u>Steel Window</u> : Supply and fixing 150 mm long mild steel handles for steel window in repair as per existing fitting	10	Each			
23	Supply and fixing 300 mm long mild steel stay for steel window in repair as per existing sample.	10	Each			
24	<u>ALUMINIUM DOOR &amp; WINDOW GLAZED SHUTTER</u> : Providing and fixing in position top pivot (patch fitting) of the glazed door of the make / brand approved by the engineer in place of defective top pivot of the door etc. complete	2	Nos.			
25	Removing the existing defective floor spring repairing the same and refixing position including removal and refixing of the connected door and reinstatement of floor damages etc. complete	2	Nos.			
26	Removal of existing defective floor spring of any type and design including reinstating the floor damage.	2	Nos.			

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27	Providing and fixing Central lock make Onyx as per existing sample of size 32 mm dia, 1500 mm long SS pipe both side of glazed shutter	2	Nos.			
28	Providing and fixing double action hydraulic floor spring of approved brand manufacture IS : 6315 having brand logo embossed on the body/plate with double spring mechanism and door wt upto 125 kg for doors including cost of cutting floors embedding in floor as required and making good the same matching to the existing floor finishing and cover plate with brass pivot and single piece ms sheet outer box with slide plate etc complete as per direction of engineer in charge. With stain less steel cover plate minimum 1.25 mm thickness	1.00	Nos			
29	Providing & Fixing lock for aluminum sliding shutter make of "obco" regd design no –181834 as per existing sample in repair.	20	Nos.			
30	<b>Glass</b> : Renewing glass panes with putty and nails wherever necessary including racking out. Old putty and necessary scaffolding upto V floor level float glass pane of thickness 3 mm	5	Sq.m			
31	Renewal of old putty of glass panes Make – Shalimar	100	RM			
32	<u>Treatment for sunken portion :</u> Dismantling tiles work and granite floor and roofs laid in cement mortar including staking material within 50 mtr.	300	Sq.m			
33	Demolishing cement concert manually/by mechanical means including disposal of material within 50 mtr. Lead as per direction of engineer in-charge Nominal concrete (1:3:6) or richer I/C equivalent design mix)	50	cubm			

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34	<p>Providing &amp; laying water proofing treatment to vertical &amp; horizontal surfaces of depressed portion of WC kitchen &amp; the like consisting of</p> <ol style="list-style-type: none"> <li>1) 1<sup>st</sup> course of applying cement Slurry @ 4.4 kg/sqm. Mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off proportions including rounding off junction of vertical &amp; horizontal surface.</li> <li>2) 2<sup>nd</sup> course of 20 mm cement plaster (1:3) (1 cement : 3 coarse sand mixed with water proofing compound in recommended proportion including rounding of junction of vertical &amp; horizontal surface.</li> <li>3) 3<sup>rd</sup> course of applying blown or residual bitumen applied hot at 1.70 kg/sqm.</li> <li>4) 4<sup>th</sup> course of 400 micron thick PVC sheet over laps joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqm.</li> </ol>	300	Sqm.			
35	<p>Flooring / Dado : (b) Providing and fixing 1<sup>st</sup> quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer ) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-charge in skirting , risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and joining with grey cement slurry @ 3.3kg/sqm including pointing in white cement mixed with pigment of matching shade complete of size 300X200mmX7mm</p>	400	Sq mt.			
36	<p>Dismantling old plaster skirting, raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 mtr. Lead</p>	600	Sqm			

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37	Providing & laying ceramic nonskid floor tiles of size 300 X 300 ( thickness to be specified by the manufacturer) of 1 <sup>st</sup> quality confirming to IS 15622 of approved make in colours such as white Ivory, grey, fume red , brown laid on 20 mm thick cement mortar ( 1:4 ) (1 cement : 4 coarse sand) including painting the joint with white cement etc. complete	100	Sqm.			
38	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and confirming to IS 15622 of approved make in all colors and shade laid in 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete size of tile 60cmX60cm	5	sqm			
39	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slop and camber in panels as required including consolidation broom finishing and tamping complete.	10	Cum			
40	<b>Sanitary fitting</b> : Providing & fixing white vitreous china wash basin including making all connection but excluding cost of fitting flat black wash basin of size 630 X 450 mm.	4	Each			
41	<b>Looking Mirror</b> : Providing & fixing 600 X 450 mm beveled edge mirror of superior glass ( of approved quality) complete. With 6 mm hard board ground fixed to wooden cleats with CP brass and washer complete.	30	Sq m.			

42	providing and fixing white vitreous china extended wall mounting water closed of size 780*370*690mm of approved shape including providing and fixing white vitreous china cistern with dual flushing fitting of flushing capacity 3 liter/6 liter (adjustable to 4liter/8 liter) including seat cover and cistern fitting, nuts, bolts and gasket-ate Complete.	1.00	Nos			
43	Providing & Fixing white vitreous china water closet squatting pan orissa pattern wc pan of size 580 X 440 mm.	20	Nos.			
44	Supplying & Fixing white vitreous china pedestal type (European type) water closet pan.	1	No.			
45	Providing & fixing PVC low level flushing cistern with manually controlled device (handle lever) conforming to IS 7231 with all fittings and fixtures. 10 ltr capacity in repair make 'Commander'	2	No.s			
46	Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials With in 50mtr lead	2	No.s			
47	Providing & Fixing white solid plastic Sheet with lid for pedestal type WC pan complete	2	Each			
48	Providing and fixing CP jali of 100 mm dia.	20	Each			
49	<u>Plumbing Work</u> : Providing and fixing trap of self cleaning with screwed down or hinged grating with or w/o vent arm complete incouding cost of cutting and making good the walls and floor sand cast iron as per IS 1729. 100 mm inlet & 100 mm outlet. 450 mm long	20	Each			
50	Ditto but 100 mm inlet and 75mm outlet sand cast iron S & S as per IS 1729 450 mm long	40	Each			

51	Providing and Fixing S.C.I. Soil waste and vent single socket pipe 100 mm dia make – M/s Babulal, Bajaj Iron, M/s Jayaswal Neco Ltd.	20	R.M.			
52	Ditto but 75 mm dia	20	R.M			
53	Providing and fixing band of required degree with access door insertion rubber washer 3 mm thick bolt and nut complete 75 mm dia send cast iron as per 1729	2	Nos.			
54	Providing and Fixing S.C.I. Soil bend 100 mm with access door insertion rubber waste 3 mm thick bolt and nut complete etc. Make M/s Babulal, Bajaj Iron, M/s Jayaswal Neco Ltd.	2	No.			
55	Providing and fixing single equal plain junction of required degree with access door intersection washer 3 mm thick bolt and nut complete 100 mm dia	2	No.			
56	Providing & fixing single equal plain junction of required degree with access door insertion washer 3 mm thick bolt & nuts complete of size 75 X 75X75 mm sand cast iron as per IS 1729	2	No.s			
57	<b>Removing oil bound / painting :</b> Removing dry or oil bound distemper water proofing cement paint and the like by scrapping sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Make – Tractor, Berger	400	Sqm.			
58	Ditto but ceiling	200	Sq m.			
59	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade old work one or more coats etc. complete	400	Sq. Mtr			
60	Ditto but on ceiling	200	Sq.m			
61	Painting with synthetic enamel Paint of approval brand and manufacture of required colour to give even shade one or more coats on old work on old wooden surface	50.00	Sqm.			



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62	Ditto but on Steel surface	50.00	Sq m.			
63	Painting on new wood work with Deluxe multi surface paint if required shade two or more coat applied over an under of primer or applied @ 0.90 ltr/10 Sqm of over an under coat of primer applied @ 0.75 ltr/10Sqm approved brand and manufacturer.	50.00	Sq.m			
64	Painting on new steel surface with Deluxe multi-surface paint to given an even shade two or more coat applied @ 0.90 ltr/10 Sqm over an under coated primer applied 0.80 ltr/10 Sqm approved brand and manufacture	25.00	Sq m.			
65	Providing & applying white cement based putty of average thickness 1 mm of approved band and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete	100	Sq.m.			
66	2 coats wall painting with acrylic emulsion paint having VOC (Volatile organic compound) content less than 50 grams per litre of approved brand and manufacturer including applying additional coats wherever required to achieve even shade and colour.	100	Sq. mt.			
67	Wall painting with plastic emulsion paint of Approved brand and manufacturer to given an even shed one or more coat on old work ceiling and wall portion	500	Sq.m.			
68	Dismantling of 18 mm thick Gang saw cut Mirror polished pre moulded and polished marble stone machine cut for kitchen platform & Dado including plaster and refixing same place with cement motor(1:3) 20mm thick screed and filled joint with white cement & pigments.	100	Sq. mtr.			

69	Providing and laying design mix cement concrete of m - 30 grade, in roads using cement content as per design mix, using coarse sand, and graded stone agg of 40 mm nominal size in appropriate proportions as per approved and specified design criteria, laying at site, spreading and compacting mechanically by using surface vibrator levelling to required slop, finishing with required texture including steel form work with sturdy M.S. Channel section. Curing, making provision for expansion construction joints cement concrete prepared with batch mixing machine	5	Cum			
70	Providing and fixing in position pre-moulded joint filler in expansion joints	200	Per cm depth Per cm width Per mtr length			
71	C.P. Fitting for toilet : Providing & Fixing C.P. Brass waste bottle trap 32 mm dia. Make –Jaguar Catlog Nog. 7691 L or equivalent	10	No.s			
72	Demolition of existing wall tiles on dado with help of cutter, for replacement of half turn valve 25 mm dia CP brass make 'Jaguar' making necessary arrangement for fixing of half turn valved cutting ,threading, and any fitting required for fixing of half turned valve including in the rate and making existing surface good to match Catlog No. 0181A make Jaguar or equivalent.	10	No.s			
73	Providing and Fixing jet spray for WC make 'Jaguar' or equivalent Cat. No. 583	10	No.s			
74	Supply & fixing hand wash make Jaguar or equivalent	5	No.s			
75	Supply & fixing 25 mm dia half turn valve in repair CP brass make 'Jaguar' Cat. No. 0181A or equivalent	10	No.s			
76	Providing & Fixing PVC waste pipe for wash hand basin including CP waste coupling 32mmdia make Jaguar or equivalent Cat. No. 709	30	No.s			

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77	Providing and fixing PVC Waste Pipe for Sink	30	No.s			
78	Supplying & Fixing CP Long body bib 15 mmdia Make – Jaguar MARC cot long No. 107 wt not less than 690 gm or equivalent	30	No.s			
79	Supplying & Fixing CP Brass stop cock 15 mmdia (Concealed) of standard design & approved make confirming to IS 8931 Make – Jaquar MARC or equivalent	5	No.s			
80	Supplying and Fixing Water Meter Including Testing Charges 100mmdia ISI marked.	1	No.s			
81	Providing and Fixing CP brass angle valve for basin mixer and geyser point make Jaguar 053KL or equivalent	5	No.s			
82	Providing & Fixing CP brass shower rose with 15 to 20 mm intel 100 mm dia make Jaguar Cat No. 542A or equivalent	5	No.s			
83	Supply only 15 mm dia cp bib cock short body cat log no. 037 of make jaguar/gold or equivalent	20 Nos.	Nos			
84	Providing & fixing CP Brass bib cock of approved quality make Jaguar 15 mm dia Cat. No. 037KL or equivalent	10	Nos.			
85	Providing & fixing Unplasticised PVC connection pipe 45 cm long 15 mmdia in repair	10	No.s			
86	Providing & fixing CP brass spindle 15 mm dia.	10	No.s			
87	Supply and fixing Seat Jumper 15 mm dia, Brass	50	No.s			
88	Supply & Fixing C.P. Pillar Cock 15 mm dia in repair Cat. No. 011KL Make Jaguar or equivalent	10.00	Each			
89	Soap dish (Jaguar) Glass Catlog No. 1131 N, make Jaguar or equivalent	5	Each			

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90	Providing and fixing twin bib cock near WC for jet spray Catlog No. 049KL Make Jaguar or equivalent	10	Each			
91	Removing of existing defective sensors fitting form urinal and fixing new sensor fitting as under, EFS DC controller assembly, battery box, valve Assembly top cover bush with screw, top plate SS, front plate SS connecting hose and spreader etc complete make parry ware	12.00	Nos			
92	Providing and fixing SS toilet-paper holder (Jaguar cat No 1151) or equivalent	5	No.s			
93	Supplying & Fixing CP towal rail / make Jaguar, Catlog No. 1111M or equivalent	10	Nos			
94	Cleaning of Sewage line : Cleaning Inspection Chamber of size 0.9 x 1.2 depth not more than 1.2 mtrs and disposal of sludge in a excavated pit filled with earth on top lead not exceeding 50 mtrs	36	No.			
95	Cleaning of sewage line two times in a year 100mmdia	500	R.M.			
96	Ditto but 150 mm dia	500	R.M.			
97	Cleaning W.C. kitchen One times bathroom sevarage line of size 75 mmdia	450	R.M.			
98	<b>Earth Work</b> : Earth work in excavation by mechanical means (Hydrolic Excavator) / manual means over area (exceeding 30 cm in depth, 1.5 mtr. In width as well as 10 sq.mtr. On plan) including disposal of excavated earth, lead upto 50 mtr. and lift upto 1.50 mtr., disposed earch to be levelled and neatly dressed.	150	Cum			
99	Excavation of trenches of required width and depth for pipes and cables in all kinds of soil pipe cable nexc 80 mm dia.	5	R.M			
100	Disposal of debris etc by truck including loading and unloading.	50	Cu.m			

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101	Filling : Filling available exacted earth lead 50 M lift 1.50 M Demolition material from sunken	60	Cum			
102	Supply and filling moorum in pavings laid on layers next 15 cm think spread leveled including watering and consolidation etc complete.	30.00	Cubm			
103	<b>G.I. Pipes</b> : Dismantling GI pipes (Ext. work) including excavation and refilling trenches after taking out the pipes manually by mechanical means including stacking of pipe within 50 mtr. Lead as per direction of Engineer In charge in 15 mm to 40 mm nominal bore.	200	Rm			
104	Ditto but on wall	500	Rm			
105	G. I. Pipe : Providing and Fixing Internal work exposed on wall etc complete 15 mmq G.I. Pipe. Make – Tata, Jindal	200	R.M			
106	Providing and Fixing Internal work exposed on wall etc complete 20 mmq G.I. Pipe. Make – Tata, Jindal.	10	R.M.			
107	Providing and Fixing Internal work exposed on wall ETC complete 25 mmq G.I. Pipe. Make – Tata, Jindal.	5	R.M			
108	Providing and Fixing Internal work exposed on wall ETC complete 32 mmq G.I. Pipe. Make – Tata, Jindal.	100	R.M.			
109	Providing & Fixing Internal work concealed Pipe in wall 15 mmdia G.I. Pipe. Make – Tata, Jindal.	100	R.M.			
110	Providing & Fixing Internal work concealed Pipe in wall 20 mmdia G.I. Pipe. Make – Tata, Jindal.	20	R.M.			
111	<u>Ceiling</u> : Exhaust for AC : Supply and fixing AC GI sheet exhaust of size 300 X 300 mm as per existing sample fitted in toilet	2	Each			

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112	supply and fixing 12.5 mm thick gypsum plain board on existing ceiling frame work with screw competed	100.00	Sq m.			
113	Dismantling gypsum fixed on false ceiling including disposal of serviceable material and stacking of service material within 50 mts lead and directed by engineer.	100.00	Sq m.			
114	Providing and laying suspended grid ceiling of size 600*600mm with insets of acoustic mineral fiber tiles duly placed in the grid, with all adjustable hangers, leveling and finishing complete as per manufacturers specifications.	20	Sq m.			
115	Plinth protection : Making plinth protection 50mm thick of cement concrete 1;3;6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size ) over 75mm bed dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth.	500 sq.m	Sq m.			
116	Providing & laying in position bitumen hot sealing compound for expansion joints etc. Using grade 'A' sealing compound.	200	Per cm depth per cm width per m lengh			
117	Cleaning of water tank : Cleaning of water tank on roof of capacity 9000 ltrs in block no A	2	Each			
118	Ditto but of 8500 ltrs capacity B1-1,B2-1,C1-2 C2- 2,C3 -1. Total-7	7	Each			
119	Diltto but 12000 ltrs in block D=1	1	Each			
120	Ditto but 27500 ltrs on roof of office building	1	Each			
121	Cleaning of Rcc sump of capacity 12000 ltrs in office building	1	Each			
122	Cleaning of pvc water tank of capacity 750 ltrs	3	Each			
123	Cleaning of RCC ground sump of capacity 25000 ltrs	2	Each			

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124	Providing and Fixing Vertical Fabric Blinds fixed at all levels and sizes as per the manufacturers specifications (MacDecor/Equivalent)	1.7	Sqm.			
125	PVC pipe and fitting for plumbing work : Supply and fixing PVC NT trap of size 100 X 75 mm in repair make prince 151 mark A type	2	No.s			
126	Supply & fixing PVC 'P' trap 100 mm dia in repair make prince 151 mark A type	2	No.s			
127	Supply & fixing PVC bend 75 mm dia with plug in repair make prince 151 mark A type	2	No.s			
128	Supply and fixing PVC 100 mm dia bend in repair with plug in repair.	2	No.s			
129	Supply and fixing PVC 75 mm dia 'T' with plug in repair.	2	No.s			
130	Supply and fixing 100 mm dia PVC 'T' in repair.	2	No.s			
131	Supply and fixing 75 mm dia PVC pipe in repair.	2	R.M.			
132	Supply and fixing 100 mm dia PVC pipe in repair.	2	R.M.			
133	Wall lining butch work upto 10 mtr. With Dholpur stone 40 mm thick rough facing on the Exposed surface with stone strips minimum length 300 mm and required width including embedding every tenth layer and bottom most layer in masonry or concrete after making necessary chases of size 75 x 75 mm and by providing layer of 75 mm thick strips including 12 mm thick bed of cement mortar 1:3 ( 1 cement : 3 stone dust) with admixture of pigment to match the shade of stone complete as per direction of engineer incharge.	100	Sq.m.			

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134	Providing & laying 60mm thick factory made cement concret interlocking Paver block of M-30 grade made by block making machine with strong vibratory compaction, of approved size, Design & shape, laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	100	Sqm			
135	Steel Gate : Providing and fixing with nut bolt @ 600 mm c/c to c/c, 3 mm thick acralic sheet to steel gate.	14.00	Sq m.			
136	Repair to Furniture : Replaced putti lock in drawer and removing of existing defective lock.	100.00	Nos,			
137	Supply & fixing drawer lock and repair	100.00	Nos.			
138	Supply & fixing 75 mm handle 10 mm dia ss with screw make onex	100.00	Nos.			
139	Supply & fixing 16" telescoping and removing existing telescoping complete in bottom drawer	100.00	Pair			
140	Ditto but bottom channel ms powder coating	100.00	Pair			
141	Supply and fixing ruler for sliding shutter and removing defective ruler including top pivot also	100.00	Pair			
142	Supply & fixing of Aluminium right angle of size 25mm x 25mm x 1mm thick fixed with screw in cupboard for supporting of the shelf	100.00	Each			
143	Repair to drawer with butt joint, head less nails and using favicol complete for drawer	100.00	Nos.			
144	Dismantling of WHB granite slab counter of size 2.40 x 0.61 mtr with 2 Nos WHB	3.00	Nos			
145	Ditto but of size 1.98 x 0.61	6.00	Nos			
146	Ditto but of size 0.87 x 0.61	3.00	Nos			
147	Ditto but of size 1.22 x 0.61	3.00	Nos			
148	Ditto but of size 1.66 x 0.61	1.00	Nos			
149	Ditto but of size 2.07 x 0.60	1.00	Nos			



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150	Ditto but of size 1.53 x 0.61	1.00	Nos			
151	Cutting chases in brick wall for resting kaddappa stone slab grith exceeding 10 cm nexc 20 cm	55.63	RM			
152	Demolition of existing kitchen kadappa sink and disposal of unserviceable items and fixing new kadappa stone slab and making kadappa sink with coupling and waste pipe	80	Sq.m.			
153	Supply and fixing 40 mm thick kaddappa slab for resting of Round type WHB with cm (1:3) The opening for WHB and pillar cock is provided as per direction of engineer in charge	50.00	Sq m.			
154	Fixing only counter type WHB with complete fitting of size 500 x 400 mm	15.00	Nos			
155	Providing and fixing wash basin with CI brackets, 15 mm cp brass pillar tap, 32 mm dia cp bottle trap, 32 mm dia coupling of round type wash basin size 500 x 400 mm with single 15 mm cp bras pillar tap and pbc connection make parry ware	5.00	Nos			
156	fixing only granite slab 18 mm thick with cm (1:3) 12 mm thlick motar bed.	55.81	Sq m.			
157	providing and fixing 18 mm thick granite any col our and shade cut, minor polished pre molded and prepolished machine cut for WHB plate form of required size approved shade, colour and texture laid over 20 mm thick boe cement mortar (1:4) (1 cement :4 loose sand), joints treated with white cement mixed with mashing pigment poxy touch ups, including rubbing curing moulding and polishing to edges to give high glossy finish area of slab over 0.50 sqm.	55.81	Sq m.			
158	ditto but fixing granite stone in fascia of width upto 150 mm with apoxy resin based adhesic including cleaning etc complete.	10.00	R.M.			

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159	providing opening of required size and shape for WHB in granite stone including necessary hole for pillar taps etc including moulding , rubbind and polishing of cut edges etc complete.	29.00	Nos			
160	providing and fixing 18 mm thick gang saw cut mirror polished, pre moulded and prepolished, machine cut for kitchen platforms of required size approved shade, colopur and texture laid over 20 mm thick base cement mixed with matching pagment, apoxy touch ups including rubbing, caring , moulding and polishing to edges to give high glass finish green marble area of slab 0.50 sqm.	50.00	Sq m.			
161	Extra for fixing marble infacia of width upto 150 mm with epoxy resin based adhesive including cleaning etc complete .	50.00	R.M			
	<b>Grand total</b>					
	<b>Schedule of credit :</b>					
	Scrap iron	30kg	kg			
	Old PVC Shutter	100 kg	kg			
	Brass	20 kg	kg			
	Fire wood	100kg	kg			
	Aluminium	10kg	kg			
	Total (Shedule of credit)					
			<b>TOTAL</b>			