COMPOSITE SCHEDULE OF RATES 2012 KHYBER PAKHTUNKHWA

As on Jul-Sep (QTR-3) 2012

Chapter # 01 CARRIAGE

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
01-01-a	Carriage of 100 cft / 5 tonne of all materials by truck or other means : 1st 50 meter	50 Meter	0.00	71.39	50 m	0.00	71.39		a) Cement carried in containers other than bags will be paid according to this item
01-01-b	Carriage of 100 cft / 5 tonne of all materials by truck or other means : 2nd 50 meter	50 Meter	0.00	11.15	50 m	0.00	11.15		b) Word, pipes and specials, covers GI , CI , AC, RCC,PCC, PVC and steel pipes and specials.
01-01-c	Carriage of 100 cft / 5 tonne of all materials by truck or other means : 3rd to 5th 50 meter	50 Meter	0.00	7.76	50 m	0.00	7.76		c) Reduce the rate in case of carriage of 1000 NO. Tiles by:-
01-01-d	Carriage of 100 cft / 5 tonne of all materials by truck or other means : 250 to 1000 meter	250 Meter	0.00	34.56	250 m	0.00	34.56		33% for 12"x6"x1" size
01-01-e	Carriage of 100 cft / 5 tonne of all materials by truck or other means : 1st kilometer	km	0.00	123.88	km	0.00	123.88		25% for 12"x6"x1.5" size
01-01-f	Carriage of 100 cft / 5 tonne of all materials by truck or other means : 2nd - 5th kilometer	km	0.00	28.31	km	0.00	28.31		20% for 12"x6"x1.25" size
01-01-g	Carriage of 100 cft / 5 tonne of all materials by truck or other means : 6th to 10th kilometer	km	0.00	24.20	km	0.00	24.20		
01-01-h	Carriage of 100 cft / 5 tonne of all materials by truck or other means : 11th & subsequent kilometer	km	0.00	19.97	km	0.00	19.97		
01-02-a	Carriage of 1000 Nos. bricks or load upto 3 tonne by truck etc : 1st 50 meter	50 Meter	0.00	44.98	50 m	0.00	44.98		Reduce the rate by 33% for tile size 9"x4.5"x1.5"
01-02-b	Carriage of 1000 Nos. bricks or load upto 3 tonne by truck etc : 2nd 50 meter	50 Meter	0.00	7.03	50 m	0.00	7.03		
01-02-c	Carriage of 1000 Nos. bricks or load upto 3 tonne by truck etc : 3rd to 5th 50 meter	50 Meter	0.00	4.89	50 m	0.00	4.89		
01-02-d	Carriage of 1000 Nos. bricks or load upto 3 tonne by truck etc : 250 - 1000 meter	50 Meter	0.00	21.77	250 m	0.00	21.77		
01-02-e	Carriage of 1000 Nos. bricks or load upto 3 tonne by truck etc : 1st kilometer	km	0.00	78.04	km	0.00	78.04		
01-02-f	Carriage of 1000 Nos. bricks or load upto 3 tonne by truck etc : 2nd - 5th kilometer	km	0.00	17.84	km	0.00	17.84		
01-02-g	Carriage of 1000 Nos. bricks or load upto 3 tonne by truck etc : 6th - 10th kilometer	km	0.00	15.25	km	0.00	15.25		
01-02-h	Carriage of 1000 Nos. bricks or load upto 3 tonne by truck etc : 11th & subsequent kilometer	km	0.00	12.58	km	0.00	12.58		
01-03-a	Carriage of cement(bag), bitumen/lubricants (drum) by truck or other means : 1st 50 meter	Tonne/50 M	0.00	14.28	tonne/50	0.00	14.28		
01-03-b	Carriage of cement (bag) bitumen/lubricant (drum) by truck or other means : 2nd 50 meter	Tonne/50 M	0.00	2.23	tonne/50	0.00	2.23		

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		Unit	Labour	Composite	Unit	Labour	Composite		
01-03-c	Carriage of cement (bag), bitumen/lubricant (drum) by truck or other means : 3rd to 5th 50 meter	Tonne/50 M	0.00	1.55	tonne/50	0.00	1.55		
01-03-d	Carriage of cement(bag), bitumen/lubricant (drum) by truck or other means : 250 to 1000 meter	Tonne/250 M	0.00	6.91	t/250m	0.00	6.91		
01-03-e	Carriage of cement(bags), bitumen/lubricant (drum) by truck or other means : 1st kilometer	Tonne/1 K	0.00	24.78	tonne/km	0.00	24.78		
01-03-f	Carriage of cement(bag), bitumen/lubricant (drum) by truck or other means : 2nd - 5th kilometer	Tonne/1 K	0.00	5.66	tonne/km	0.00	5.66		
01-03-g	Carriage of cement(bag), bitumen/lubricant (drum) by truck or other means : 6th - 10th kilometer	Tonne/1 K	0.00	4.84	tonne/km	0.00	4.84		
01-03-h	Carriage of cement(bag), bitumen/lubricant (drum) by truck or other means : 11th & subsequent km	Tonne/1 K	0.00	3.99	tonne/km	0.00	3.99		
01-04-a	Carriage of 100cft of sarkanda, pilchi, frash etc by road or boat : 1st 50 meter	50 Meter	0.00	42.83	50 m	0.00	42.83		
01-04-b	Carriage of 100cft of sarkanda, pilchi, frash etc by road or boat : 2nd 50 meter	50 Meter	0.00	6.69	50 m	0.00	6.69		
01-04-c	Carriage of 100cft of sarkanda, pichi, frash etc by road or boat : 3rd to 5th kilometer	50 Meter	0.00	4.65	50 m	0.00	4.65		
01-04-d	Carriage of 100cft of sarkanda, pilchi, frash etc by road or boat : 250 to 1000 meter	250 Meter	0.00	20.73	250 m	0.00	20.73		
01-04-e	Carriage of 100cft of sarkanda, pichi, frash etc by road or boat : 1st kilometer	km	0.00	74.33	km	0.00	74.33		
01-04-f	Carriage of 100cft of sarkanda, pilchi, frash etc by road or boat : 2nd - 5th kilometer	km	0.00	16.99	km	0.00	16.99		
01-04-g	Carriage of 100cft of sarkanda, pilchi, frash etc by road or boat : 6th - 10th kilometer	km	0.00	14.52	km	0.00	14.52		
01-04-h	Carriage of 100cft of sarkanda, pilchi, frash etc by road or boat : 11th & subsequent kilometer	km	0.00	11.98	km	0.00	11.98		
01-05-a	Carriage of small consignments upto 250kg 1st 50 meter	50 Meter	0.00	3.57	50 m	0.00	3.57		For consignment weighing over 250 kg, the rate shall be increased on pro-rate basis.
01-05-b	Carriage of small consigmnments upto 250 kg 2nd 50 meter	50 Meter	0.00	0.56	50 m	0.00	0.56		
01-05-c	Carriage of small consignments upto 250 kg 3rd to 5th 50 meters	50 Meter	0.00	0.39	50 m	0.00	0.39		
01-05-d	Carriage of small consignments upto 250 kg 250 - 1000 meter	250 Meter	0.00	1.73	250 m	0.00	1.73		
01-05-e	Carriage of small consignments upto 250 kg 1st kilometer	km	0.00	6.19	km	0.00	6.19		
01-05-f	Carriage of small consignments upto 250 kg 2nd to 5th kilometer	km	0.00	1.42	km	0.00	1.42		

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As on Jul-Sep (QTR-3) 2012

Chapter # 01 CARRIAGE

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
01-05-g	Carriage of small consignments upto 250 kg 6th to 10th kilometer	km	0.00	1.21	km	0.00	1.21		
01-05-h	Carriage of small consignments upto 250 kg 11th & subsequent kilometer	km	0.00	1.00	km	0.00	1.00		
01-06-a	Carriage of consignments (odd job) Coolie load	km	37.20	37.20	km	37.20	37.20		
01-06-b	Carriage of consignments (odd job) Donkey load	km	0.00	36.30	km	0.00	36.30		
01-06-c	Carriage of consignments (odd job) Cart Load	km	0.00	31.76	km	0.00	31.76		
01-06-d	Carriage of consignments (odd job) Camel load	km	0.00	54.45	km	0.00	54.45		
01-07-a	Hire Charges of Truck	Day	0.00	8,417.39	Day	0.00	8,417.39		a) This item shall be allowed with prior concurrence of Superintending Engineer b) The rate includes pay of driver and cleaner only. The cost of repairs shall be borne by the owner and the cost of POL, loading/unloading shall be paid by the borrower .
01-07-b	Hire charges of Tractor with trolley	Day	0.00	7,014.98	Day	0.00	7,014.98		
01-07-c	Hire charges of Tractor without trolley	Day	0.00	5,260.60	Day	0.00	5,260.60		
01-08-a	Hand shunting loaded railway wagons Upto 500 meter	Each	558.00	558.00	Each	558.00	558.00		
01-08-b	Hand shunting loaded railway wagons Upto 1 kilometer	Each	837.00	837.00	Each	837.00	837.00		
01-08-c	Hand shunting loaded railway wagons Upto 2 kilometer	Each	1,023.00	1,023.00	Each	1,023.00	1,023.00		
01-08-d	Hand shunting loaded railway wagons 3rd & subsequent kilometer	Each	465.00	465.00	Each	465.00	465.00		
01-09-a	Hand shunting empty railway wagons Upto 500 meter	Each	279.00	279.00	Each	279.00	279.00		
01-09-b	Hand shunting empty railway wagons Upto 1 kilometer	Each	418.50	418.50	Each	418.50	418.50		
01-09-c	Hand shunting empty railway wagons Upto 2 kilometer	Each	511.50	511.50	Each	511.50	511.50		
01-09-d	Hand shunting empty railway wagons 3rd & subsequent kilometer	Each	232.50	232.50	Each	232.50	232.50		

Chapter # 02 LOADING, UNLOADING AND STACKING

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
02-01	Load into or unload from railway wagons within 50m shingle, sand, ballast, tiles, etc, laid & stacked	100 cft	372.00	372.00	m3	131.37	131.37		
02-02-a	Load into or unload from railway wagons within 50m laid & stacked : Bricks 10" size	1000 No.	465.00	465.00	1000 No.	465.00	465.00		
02-02-b	Load into or unload from railway wagons within 50m laid & stacked : Bricks 9" or smaller size	1000 No.	372.00	372.00	1000 No.	372.00	372.00		
02-03	Load into or unload from railway wagons, cement in bags and stacking within 50m.	100 No.	465.00	465.00	100 No.	465.00	465.00		
02-04	Load into or unload from railway wagons, empty cement bags and stacking	1000 No.	416.64	416.64	1000 No.	416.64	416.64		
02-05	Load into or unload from railway wagons and stacking white lime in bags	tonne	93.00	93.00	tonne	93.00	93.00		
02-06	Load into or unload from railway wagons structural steel, RS joists, rails, rail fastenings etc	tonne	223.20	223.20	tonne	223.20	223.20		
02-07	Load into or unload from 45 gallon drums full, into or from railway wagons,lead upto 50m	Each	29.76	29.76	Each	29.76	29.76		
02-08	Loading or unloading packages of all sorts upto 50 kg.	Each	26.04	26.04	Each	26.04	26.04		Except cement in Jute or paper bags
02-09-a	Load or unload sleepers other than wooden, incl stacking, lead upto 50 m : Broad gauge	100 No.	930.00	930.00	100 No.	930.00	930.00		
02-09-b	Load or unload sleepers other than wooden, including stacking, lead upto 50 m : Metre gauge &	-	-	-	-	-	-		DELETED
02-10	Load or unload timber logs or shuttering into or from railway wagons, including stacking within 50m	tonne	122.76	122.76	tonne	122.76	122.76		
02-11	Loading or unloading bhoosa in railway wagons lead upto 50 m.	tonne	279.00	279.00	tonne	279.00	279.00		
02-12	Load or unload timber scrap or wooden plugs into or from railway wagons & stacking within 50m	tonne	186.00	186.00	tonne	186.00	186.00		
02-13	Load or unload pitching stone/spawl from railway wagons of any guage including clearing 1.5m away	100 cft	137.64	137.64	m3	48.61	48.61		
02-14	Loading or unloading building stone including clearing away 1.5m from rails	100 cft	178.56	178.56	m3	63.06	63.06		
02-15-a	Unloading oil,bitumen or tar etc : Crude Oil (to be pumped from tank wagon into tank)	1000 ltr	111.60	111.60	1000 ltr	111.60	111.60		The rate include checking and weighing the tins
02-15-b	Unloading oil,bitumen or tar etc Crude oil (drained by gravity)	1000 ltr	111.60	111.60	1000 ltr	111.60	111.60		
02-15-c	Unloading oil,bitumen or tar etc Crude oil materials from railway wagons	Ton	21.20	21.20	Ton	21.20	21.20		
02-15-d	Unloading oil, bitumen or tar etc : Fuel Oil from tank into empty drums including stacking within 50 m	-	-	-	-	-	-		DELETED
02-15-e	Unloading oil,bitumen or tar etc Petrol (2 gallon tin)	-	-	-	-	-	-		DELETED

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
02-15-f	Unloading oil, bitumen or tar etc Kerosine oil (4 gallon tin)	100 No.	465.00	465.00	100 No.	465.00	465.00		
02-15-g	Unloading oil,bitumen or tar etc Tar & Bitumen in drums with carriage upto 1 km	100 No.	0.00	211.75	100 No.	0.00	211.75		
02-16-a	Removing and stacking within 50m. lead Stone, spawl, brick bats, shingle, sand, lime etc	100 cft	186.00	186.00	m3	65.69	65.69		
02-16-b	Removing and stacking within 50m. lead Bricks	1000 No.	539.40	539.40	1000 No.	539.40	539.40		
02-16-c	Removing and stacking within 50m. lead Broad gauge wooden sleepers	100 No.	297.60	297.60	100 No.	297.60	297.60		
02-16-d	Removing and stacking within 50m. lead Metre gauge or narrow guage wooden sleepers	100 No.	170.00	170.00	100 No.	170.00	170.00		
02-16-e	Removing and stacking within 50m. lead Rails, girders, pipes, cement etc.	tonne	85.56	85.56	tonne	85.56	85.56		
02-16-f	Removing and stacking within 50m. lead Bridge and crossing timbers, etc.	100 No.	993.24	993.24	100 No.	993.24	993.24		
02-17	Load into wagons girders, rails, MS bars, pipes etc. including 50m lead & stacking inside wagons	tonne	238.08	238.08	tonne	238.08	238.08		
02-18	Unload from wagons girders, rails, MS bars, girder etc. including 50m lead but excluding stacking	tonne	93.00	93.00	tonne	93.00	93.00		
02-19	Load into wagons wooden baord guage sleepers including 50m lead & stacking	100 No.	744.00	744.00	100 No.	744.00	744.00		
02-20	Unload wooden broad gauge sleepers from wagons including 50m lead and stacking	100 No.	372.00	372.00	100 No.	372.00	372.00		
02-21	Loading metre gauge or narrow guage wooden sleepers including 50m lead & stack inside wagons	100 No.	409.20	409.20	100 No.	409.20	409.20		
02-22	Unloading metre gauge or narrow guage wooden sleepers including 50m lead but excluding stacking	100 No.	197.16	197.16	100 No.	197.16	197.16		
02-23	Loading bridge and crossing timber including 50m lead & stacking	100 No.	372.00	372.00	100 No.	372.00	372.00		
02-24	Unloading bridge and crossing timbers including 50m lead but excluding stacking	100 No.	186.00	186.00	100 No.	186.00	186.00		
02-25	Load or unload bitumen, asphalt, tar in drums, into or from railway wagons, lead upto 50m	tonne	186.00	186.00	tonne	186.00	186.00		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
03-01-a	Earth excavation undressed upto single throw of kassi phaorah or shovel etc : in ashes, sand, soft soil or silt clearance	1000 Cft	1,395.00	1,395.00	m3	49.26	49.26		
03-01-b	Earth excavation undressed upto single throw of kassi phaorah or shove etc : in ordinary soil,	1000 Cft	1,674.00	1,674.00	m3	59.12	59.12		
03-02	Earth excavation in ashes, sand & soft soil or silt clearance, undressed lead upto 25m.	1000 Cft	2,046.00	2,046.00	m3	72.25	72.25		
03-03-a	Bed clearance and dressing slopes of drains including removing of weeds and roots etc. Excavated material undressed within 25m	1000 Cft	2,604.00	2,604.00	m3	91.96	91.96		The rate is aplicable where the earth of the bed to be removed is of the type of ordinary soil.When it is silt or soft soil, it will be paid per item No 03-01-a, 03-01-b or 03-02 above, whichever is applicable. The XEN will specify drains of each categor
03-03-b	Bed clearance and dressing slopes of drains including removing of weeds and roots etc. Excavated material dressed within 25m lead	1000 Cft	2,879.28	2,879.28	m3	101.68	101.68		
03-04-a	Borrowpit excavation undressed lead upto 50m in Ordinary soil	1000 Cft	2,604.00	2,604.00	m3	91.96	91.96		
03-04-b	Borrowpit excavation undressed lead upto 50m in Hard soil	1000 Cft	3,199.20	3,199.20	m3	112.98	112.98		
03-04-c	Borrowpit excavation undressed lead upto 50m in shingle/gravel formation	1000 Cft	6,324.00	6,324.00	m3	223.33	223.33		
03-05-a	Embankment formation in ordinary soil & compaction by mechanical means at optimum moistures content to 95% to 100% max. modified. AASHTO dry density (borrow area)	1000 Cft	714.24	7,620.92	m3	25.22	269.13		The rate includes hire charges of machinery, cost of fuel, lubricants, pay of driver and cleaner. The rate also includes clearing and grubbing where necessary.
03-05-b	Embankment formation in ordinary soil & compaction by mechanical means at optimum moistures content to 90% max. modified AASHTO dry density (borrow area)	1000 Cft	706.80	7,497.32	m3	24.96	264.77		
03-05-c	Embankment formation in ordinary soil & compaction by mechanical means at optimum moistures content to 85% max. modified AASHTO dry density (borrow area)	1000 Cft	699.36	7,373.72	m3	24.70	260.40		
03-06-a	Earth fill in lawns including dressing & compaction with earth available from cutting/excavation	1000 Cft	1,860.00	1,860.00	m3	65.69	65.69		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
03-06-b	Earth fill in lawns including dressing & compaction with suitable earth borrowed.	1000 Cft	3,534.00	3,534.00	m3	124.80	124.80		
03-07-a	Earth excavation in open cut upto 1.5m depth for drains etc & disposal : in Ordinary Soil	1000 Cft	2,604.00	2,604.00	m3	91.96	91.96		
03-07-b	Earth excavation in open cut upto 1.5m depth for drains etc & disposal : in Hard Soil	1000 Cft	3,255.00	3,255.00	m3	114.95	114.95		
03-07-c	Earth excavation in open cut upto 1.5m depth for drains etc & disposal : in Very hard Soil	1000 Cft	3,385.20	3,385.20	m3	119.55	119.55		
03-07-d	Earth excavation in open cut upto 1.5m depth for drains etc & disposal : in Gravel & shingle	1000 Cft	3,775.80	3,775.80	m3	133.34	133.34		
03-08-a	Earth excavation in open cut 1.5m - 3m depth for S.W.Drains etc & disposal : in Ordinary Soil	1000 Cft	3,720.00	3,720.00	m3	131.37	131.37		
03-08-b	Earth excavation in open cut 1.5m - 3m depth for S.W.Drains etc & disposal : in Hard Soil	1000 Cft	4,203.60	4,203.60	m3	148.45	148.45		
03-08-c	Earth excavation in open cut 1.5m - 3m depth for S.W.Drains etc & disposal : in Very Hard Soil	1000 Cft	4,836.00	4,836.00	m3	170.78	170.78		
03-08-d	Earth excavation in open cut 1.5m - 3m depth for drains etc & disposal : in Gravel & shingle	1000 Cft	8,332.80	8,332.80	m3	294.27	294.27		
03-09-a	Excavation in shingle or gravel formation & rock not requiring blast, undressed, 50m lead : Dry	1000 Cft	7,068.00	7,068.00	m3	249.60	249.60		
03-09-b	Excavation in shingle or gravel formation & rock not requiring blast, undressed, 50m lead : Wet	1000 Cft	8,184.00	8,184.00	m3	289.02	289.02		
03-09-c	Excavation in shingle or gravel formation & rock not req. blast, undressed, 50m lead : in Flowing Water	1000 Cft	10,416.00	10,416.00	m3	367.84	367.84		
03-10-a	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Ordinary Soil	1000 Cft	2,976.00	2,976.00	m3	105.10	105.10		
03-10-b	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Hard Soil	1000 Cft	3,571.20	3,571.20	m3	126.12	126.12		
03-10-c	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Very Hard Soil	1000 Cft	4,203.60	4,203.60	m3	148.45	148.45		
03-10-d	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel	1000 Cft	7,812.00	7,812.00	m3	275.88	275.88		
03-11-a	Rock Excavation, dressing & disposal up to 50m Soft Rock, slate, shale, schist or lateriate	1000 Cft	9,672.00	9,672.00	m3	341.56	341.56		Tools and plants shall be the liability of the contractor.
03-11-b	Rock Excavation, dressing & disposal up to 50m Medium hard rock, requiring occasional blasting	1000 Cft	11,282.76	11,827.26	m3	398.45	417.68		
03-12-a	Excavation in hard rock requiring blasting and disposal upto 25m & dressing : Grade I	1000 Cft	6,913.00	7,457.50	m3	244.13	263.36		a) Tools and plants required shall be the liabilities of the contractor.

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
03-12-b	Excavation in hard rock requiring blasting and disposal upto 25m & dressing : Grade II	1000 Cft	7,564.00	8,471.50	m3	267.12	299.17		b) Reduce the rate by 8 % if the excavated section is not dressed or levelled to design section.
03-12-c	Excavation in hard rock requiring blasting and disposal upto 25m & dressing : Grade III	1000 Cft	9,114.00	10,203.00	m3	321.86	360.32		
03-12-d	Excavation in hard rock requiring blasting and disposal upto 25m & dressing : Grade IV	1000 Cft	10,199.00	11,469.50	m3	360.17	405.04		
03-12-e	Excavation in hard rock requiring blasting and disposal upto 25m & dressing : Grade V	1000 Cft	11,284.00	12,736.00	m3	398.49	449.77		
03-12-f	Excavation in hard rock requiring blasting and disposal upto 25m & dressing : Grade VI	1000 Cft	12,183.00	13,816.50	m3	430.24	487.93		
03-13-a	Excavation in hard rock requiring blasting but blasting prohibited, dispose & dress within 25 m : Grade I	1000 Cft	13,826.00	13,826.00	m3	488.26	488.26		a) Tools and plants required shall be the liabilities of the contractor.
03-13-b	Excavation in hard rock requiring blasting where blasting prohibited, dispose & dress within 25 m : Grade II	1000 Cft	15,128.00	15,128.00	m3	534.24	534.24		b) Reduce the rate by 8 % if the excavated section is not dressed or levelled to design section.
03-13-c	Excavation in hard rock requiring blasting where blasting prohibited, dispose & dress within 25 m: Grade III	1000 Cft	18,228.00	18,228.00	m3	643.72	643.72		
03-13-d	Excavation in hard rock requiring blasting where blasting prohibited, dispose & dress within 25 m: Grade IV	1000 Cft	20,398.00	20,398.00	m3	720.35	720.35		
03-13-e	Excavation in hard rock requiring blasting where blasting prohibited, dispose & dress within 25 m: Grade V	1000 Cft	22,568.00	22,568.00	m3	796.98	796.98		
03-13-f	Excavation in hard rock requiring blasting where blasting prohibited, dispose & dress within 25 m: Grade VI	1000 Cft	24,366.00	24,366.00	m3	860.48	860.48		
03-14-a	Rehandling of earthwork Lead upto a single throw of kassi, shovel, phaorah	1000 Cft	930.00	930.00	m3	32.84	32.84		
03-14-b	Rehandling of earthwork upto a lead of 25 m.	1000 Cft	1,302.00	1,302.00	m3	45.98	45.98		
03-15	Rehandling of gravel work or excavated rock, lead upto 25m.	1000 Cft	3,720.00	3,720.00	m3	131.37	131.37		
03-16-a	Filling, watering and ramming earth under floor with surplus earth from foundation, etc	1000 Cft	1,860.00	1,860.00	m3	65.69	65.69		
03-16-b	Filling, watering and ramming earth under floor with earth excavated from outside lead upto 50m	1000 Cft	3,906.00	3,906.00	m3	137.94	137.94		

Chapter # 03 EARTHWORK (EXCAVATION AND EMBANKMENT)

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
03-17-a	Extra for every 25 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	1000 Cft	111.60	111.60	m3	3.94	3.94		This rate shall be aplicable upto 250m total distance, including the lead covered in the item of earth work.
03-17-b	Extra for every 25 m extra lead or part thereof for gravel, shingle or rock.	1000 Cft	148.80	148.80	m3	5.25	5.25		
03-18-a	Transportation of earth all types beyond 250 m and upto 500 m.	1000 Cft	2,641.20	2,641.20	m3	93.27	93.27		This rate will be paid in addition to the rate of earth work, without deducting the lead covered in the item of earth work
03-18-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	1000 Cft	409.20	409.20	m3	14.45	14.45		
03-18-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km.	1000 Cft	372.00	372.00	m3	13.14	13.14		
03-18-d	Transportation of earth all types for every 1 km extra lead or part thereof beyond 8 km.	1000 Cft	260.40	260.40	m3	9.20	9.20		
03-19-a	Dressing & levelling earth to designed sections Ashes, sand, silt or soft soil upto cut or fill 6 inches	1000 Cft	119.04	119.04	m3	4.20	4.20		
03-19-b	Dressing & levelling earth to designed sections Ordinary or hard soil upto cut or fill 6 inches	1000 Cft	230.64	230.64	m3	8.14	8.14		
03-19-c	Dressing & levelling earth to designed section Gravel work or soft rock not requiring blasting upto cut or fill 6 inches	1000 Cft	558.00	558.00	m3	19.71	19.71		
03-20	Dowel dressing	1 Chain	130.20	130.20	m	4.27	4.27		This rate is in addition to pavement for dressed earth work
03-21	Dressing slopes of banks or ground surface	1000 Sft	465.00	465.00	m2	5.00	5.00		a) To be paid only when exclusively dressing is done and no earh work is carried out in embankment or cutting.
03-22	Dressing of earthwork (done by machinery or otherwise & left undressed) to designed section	1000 Sft	502.20	502.20	m2	5.40	5.40		b) The surface area dressed is to be taken for measurement (ii) The item is aplicable where the dressing is done by the contractor other than the one who executed the work

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
03-23-a	Excavation in foundation of building, bridges etc complete : in sand, ashes or loose soil	1000 Cft	3,348.00	3,348.00	m3	118.23	118.23		
03-23-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	1000 Cft	3,906.00	3,906.00	m3	137.94	137.94		
03-23-c	Excavation in foundation of building, bridges etc complete : in hard soil or soft murum	1000 Cft	4,371.00	4,371.00	m3	154.36	154.36		
03-23-d	Excavation in foundation of building, bridges etc complete : in shingle/gravel	1000 Cft	4,947.60	4,947.60	m3	174.72	174.72		
03-24	Cutting hard rock such as granite, ballast, hard lime etc with chisels/hammers for small foundation	1000 Cft	23,436.00	37,777.09	m3	827.64	1,334.09		Tools and plants required shall be the liability of the contractors.
03-25	Extra for excavaton requiring shoring	1000 Cft	558.00	800.00	m3	19.71	28.25		Composite rate includes material, i.e plank, etc
03-26-a	Mixing & moistening of earthwork to OMC in layers for compaction etc complete	1000 Cft	364.56	364.56	m3	12.87	12.87		The rate does not include hire charges of the Roller to be supplied by the Department or through other agencies.
03-26-b-01	Compaction by rolling with animal driven roller or hand rammed : Soft or sandy soil	1000 Cft	930.00	930.00	m3	32.84	32.84		
03-26-b-02	Compaction by rolling with animal driven roller or hand rammed : Ordinary soil	1000 Cft	1,116.00	1,116.00	m3	39.41	39.41		
03-26-b-03	Compaction by rolling with animal driven roller or hand rammed : Hard soil	1000 Cft	1,566.12	1,566.12	m3	55.31	55.31		
03-26-b-04	Compaction by rolling with animal driven roller or hand rammed : Admixture of shingle	1000 Cft	2,756.52	2,756.52	m3	97.35	97.35		
03-26-c	Ramming earthwork (all types of soil)	1000 Cft	558.00	558.00	m3	19.71	19.71		
03-26-d	Ramming earthwork behind retaining wall	1000 Cft	744.00	744.00	m3	26.27	26.27		
03-27-a	Compaction of earth with power road roller 95% to 100% max. mod. AASHTO dry density	1000 Cft	1,488.00	5,844.00	m3	52.55	206.38		The rate alslo inlcude hire charges of machinery, cost of fuel, lubricant, pay of driver and cleaner etc
03-27-b	Compaction of earth with power road roller 90% max. mod. AASHTO dry density	1000 Cft	1,116.00	4,750.36	m3	39.41	167.76		
03-27-c	Compaction of earth with power road roller 85% max. mod. AASHTO dry density	1000 Cft	930.00	3,834.00	m3	32.84	135.40		
03-28	Extra for wet earthwork	1000 Cft	1,302.00	1,302.00	m3	45.98	45.98		That will support a man's weight.

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
03-29	Extra for slush or daldal including dewatering	1000 Cft	2,976.00	3,460.00	m3	105.10	122.19		That will not support a man's weight
03-30	Extra for puddling.	1000 Cft	2,325.00	2,325.00	m3	82.11	82.11		
03-31	Earthwork on small rain water drains, along canal banks, roads, drains, etc complete	Rft	3.72	3.72	m	12.20	12.20		
03-32	Filling and Compacting Soil, Earth and Boulders behind retaining walls (Available material)	1000 Cft	3,348.00	3,348.00	m3	118.23	118.23		
03-33	Dag belling 75 mm deep.	2500 Rft	520.80	520.80	km	682.25	682.25		Dag belling for layout of borrow pit, to be done by contractor at their own cost.
03-34	Turfing slopes of banks or lawns with grass sods including ploughing, laying, setting & watering	1000 Sft	1,488.00	1,488.00	m2	16.01	16.01		
03-35-a	Berm cutting : Lead upto single throw of phaorah or shovel, without dressing	1000 Cft	1,674.00	1,674.00	m3	59.12	59.12		
03-35-b	Berm cutting : Upto 25 m lead (including dressing)	1000 Cft	2,604.00	2,604.00	m3	91.96	91.96		
03-36-a	Berm trimming both sides of channels Upto 1 m depth	Mile	5,208.00	5,208.00	km	3,236.25	3,236.25		
03-36-b	Berm trimming both sides of channels Over 1m to 1.5m depth	Mile	6,882.00	6,882.00	km	4,276.47	4,276.47		
03-36-c	Berm trimming both sides of channels Over 1.5m to 2.5m depth	Mile	10,974.00	10,974.00	km	6,819.24	6,819.24		
03-37-a	Ploughing and levelling borrow pits Upto 1m depth	Acre	2,232.00	2,232.00	ha	5,515.27	5,515.27		Area ploughed bo be measured
03-37-b	Ploughing and levelling borrow pits Exceeding 1m depth	Acre	3,340.56	3,340.56	ha	8,254.52	8,254.52		
03-38-a-01	Making boundary or service roads complete in unploughed land : From 3 m to 6 m wide	Chain	558.00	558.00	50 m	915.12	915.12		
03-38-a-02	Making boundary or service roads complete in unploughed land : Over 6 m to 12 m wide	Chain	744.00	744.00	50 m	1,220.16	1,220.16		
03-38-b-01	Making boundary or service roads complete in ploughed land : From 3 m to 6m wide	Chain	651.00	651.00	50 m	1,067.64	1,067.64		
03-38-b-02	Making boundary or service roads complete in ploughed land : Over 6 m to 12 m wide	Chain	926.28	926.28	50 m	1,519.10	1,519.10		
03-39-a	Earthwork by boats, Digging and loading into boats, upto 25m lead	1000 Cft	2,790.00	2,790.00	m3	98.53	98.53		For ordinary soil
03-39-b	Earthwork by boats, including hire of boats Carriage by boats upto 250m.	1000 Cft	3,720.00	3,720.00	m3	131.37	131.37		
03-39-c	Earthwork by boats, including hiring of boats Extra for every additional 50m beyond 250m	1000 Cft	248.00	248.00	m3	8.76	8.76		
03-39-d	Earthwork by boats, Unloading earth from boats	1000 Cft	1,302.00	1,302.00	m3	45.98	45.98		
03-40	Unloading earth from BG trucks and clearing 1.5m from rail	1000 Cft	1,116.00	1,116.00	m3	39.41	39.41		

Chapter # 03 EARTHWORK (EXCAVATION AND EMBANKMENT)

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
03-41	Earthwork by tramway, digging and loading in trucks, upto 25m lead	1000 Cft	2,604.00	2,604.00	m3	91.96	91.96		
03-42	Unloading earth from BG trucks and spreading upto 5m from rail	1000 Cft	1,674.00	1,674.00	m3	59.12	59.12		
03-43	Supplying clean and screened river or pit sand within 150m including removal of loose earth or overburden.	1000 Cft	14,880.00	14,880.00	m3	525.48	525.48		The rate include a) Removal of top crust of earth overburden. b) Royalty to the government or cost to the private owner
03-44-a	Excavation in open cut for sewers & manhole except shingle, gravel & rock : Upto 2m	1000 Cft	3,348.00	3,348.00	m3	118.23	118.23		a) The rate does not include back filling after laying of sewer, which is payable seperately b) If the timbering and shuttering is not actually done at site, the composite rate may be reduced by 5 %
03-44-b	Excavation in open cut for sewers & manholes except shingle, gravel & rock : 2m to 5m	1000 Cft	4,464.00	4,464.00	m3	157.64	157.64		
03-44-c	Excavation in open cut for sewers & manholes except shingle, gravel & rock : Below 5m depth	1000 Cft	5,952.00	5,952.00	m3	210.19	210.19		
03-45-a	Trench Excavation in open cutting below water level for sewers & manholes : Upto 1.25m depth	1000 Cft	4,774.00	8,116.22	m3	168.59	286.62		The rate does not include back filling after laying of sewer, which is payable seperately.
03-45-b	Trench Excavation in open cutting below water level for sewers & manholes : 1.25m to 2.5m depth	1000 Cft	5,890.00	10,636.22	m3	208.00	375.61		
03-45-c	Trench Excavation in open cutting below water level for sewers & manholes : Exceeding 2.5m depth	1000 Cft	8,494.00	17,502.45	m3	299.96	618.09		
03-46	Excavation of trench in all kinds of soils except cutting in rock for pilelines upto 1.5m depth	1000 Cft	2,641.20	2,641.20	m3	93.27	93.27		The rate does not include back filling after laying of pipe line, which is payable separately.
03-48-a	Uprooting stump and removing within 50 m upto 2 m girth	Each	930.00	930.00	Each	930.00	930.00		
03-48-b	Uprooting stump and removing within 50 m above 2 m girth	Each	1,302.00	1,528.88	Each	1,302.00	1,528.88		
03-48-c	Uprooting stump and removing within 50 m upto 2 m girth including sand filling and trinches	Each	930.00	1,695.28	Each	930.00	1,695.28		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
03-48-d	Uprooting stump and removing within 50 m above 2 m girth including sand filling and trinches	Each	1,302.00	2,682.78	Each	1,302.00	2,682.78		
03-49-a	Jungle clearance and removing within 50m Light Jungle	Decare	2,001.36	2,001.36	Decare	2,001.36	2,001.36		
03-49-b	Jungle clearance and removing within 50m Thick Jungle	Decare	4,002.72	4,002.72	Decare	4,002.72	4,002.72		
03-50	Uprooting sarkanda growth & disposal within 50m	1000 Sft	483.60	483.60	m2	5.20	5.20		
03-51	Ploughing 3 times	ha	6,431.88	6,431.88	ha	6,431.88	6,431.88		
03-52	Levelling, dressing and making lawns	1000 Sft	3,720.00	3,720.00	m2	40.03	40.03		
03-53	Turfing of lawn with Dacca Grass	1000 Sft	3,720.00	14,105.83	m2	40.03	151.78		
03-54	Excavation and Clearance of shingle, gravel including sand, soft soil and silt deposits in channel bed upto 25m	1000 Cft	7,068.00	7,068.00	m3	249.60	249.60		
03-55-a	Clearance of choked up syphon including dewatering Upto 1.25m dia	100 Ft	18,600.00	18,600.00	m	610.24	610.24		
03-55-b	Clearance of choked up syphon including dewatering Exceeding 1.25m dia	100 Ft	33,480.00	33,480.00	m	1,098.43	1,098.43		
03-56	Clearing & Grubbing	1000 Sft	321.41	2,052.43	m2	3.46	22.08		
03-57-a	Removal of Tree : Girth 150mm - 300mm including removal of stump & backfilling with sand	No	24.92	416.82	No	24.92	416.82		
03-57-b	Removal of Tree : Girth 300mm - 600mm including removal of stump & backfilling with sand	No	49.85	833.64	No	49.85	833.64		
03-57-c	Removal of Tree : Girth over 600mm including removal of stump & backfilling with sand	No	149.54	2,039.61	No	149.54	2,039.61		
03-58	Compaction of Natural Ground	1000 Sft	286.81	1,595.52	m2	3.09	17.17		
03-59-a	Roadway Excavation in Surplus / Unsuitable Common Material	1000 Cft	210.55	8,570.44	m3	7.44	302.66		
03-59-b	Roadway Excavation in Surplus / Unsuitable Rock (Hard) Material requiring blasting.	1000 Cft	3,160.14	14,174.29	m3	111.60	500.56		
03-59-c	Roadway Excavation in Surplus / Unsuitable Rock (Medium) Material requiring blasting	1000 Cft	1,783.74	12,253.39	m3	62.99	432.72		
03-60-a	Structural Excavation in Common Material	1000 Cft	3,475.97	6,688.52	m3	122.75	236.20		
03-60-b	Structural Excavation in Rock Material requiring blasting	1000 Cft	14,747.20	29,712.78	m3	520.79	1,049.30		
03-60-c	Structural backfill using Common Material available at site.	1000 Cft	5,266.78	8,375.99	m3	185.99	295.80		
03-60-d	Structural Backfill using Granular Material brought from outside	1000 Cft	1,316.88	23,302.10	m3	46.51	822.91		
03-61-a	Formation of Embankment from Roadway Excavation in Common Material including compaction by power roller.	1000 Cft	210.55	9,588.79	m3	7.44	338.63		
03-61-b	Formation of Embankment from Roadway Excavation in Rock Material requiring blasting and compaction of embankment by power roller.	1000 Cft	3,160.14	17,248.12	m3	111.60	609.11		
03-61-c	Formation of Embankment from Borrow Excavation in Common Material including compaction by power roller.	1000 Cft	210.92	12,468.46	m3	7.45	440.32		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
03-61-d	Formation of Embankment from Roadway Excavation in granular Material including compaction by power roller.	1000 Cft	372.00	9,750.24	m3	13.14	344.33		
03-62-a	Subgrade Preparation in Earth Cut	1000 Sft	286.81	2,970.36	m2	3.09	31.96		
03-62-b	Subgrade Preparation in Rock Cut	1000 Sft	860.81	7,552.18	m2	9.26	81.26		
03-62-c	Subgrade Preparation on Existing Road	1000 Sft	573.62	4,387.01	m2	6.17	47.20		
03-63-a	Earthwork by mechanical means in drains and irrigation channels in DRY soil dressed to designed section, grades profile/with excavated material, disposed off within 50 feet (15.2 m) lead and dressed as directed.	1000 Cft	93.00	2,249.22	m3	3.28	79.43		
03-63-b	Earthwork by mechanical means in drains and irrigation channels in DRY & WET soil dressed to designed section, grades profile/with excavated material, disposed off within 50 feet (15.2 m) lead and dressed as directed.	1000 Cft	93.00	2,410.94	m3	3.28	85.14		
03-63-c	Earthwork by mechanical means in drains and irrigation channels in WET & SLUSH soil dressed to designed section, grades profile/with excavated material, disposed off within 50 feet (15.2 m) lead and dressed as directed.	1000 Cft	137.64	2,847.29	m3	4.86	100.55		
03-63-d	Earthwork by mechanical means in drains and irrigation channels in SLUSH soil dressed to designed section, grades profile/with excavated material, disposed off within 50 feet (15.2 m) lead and dressed as directed.	1000 Cft	137.64	3,253.70	m3	4.86	114.90		
03-63-e	Earthwork by mechanical means in drains and irrigation channels in DRY & WET to that of SLUSH (1:2) soil dressed to designed section, grades profile/with excavated material, disposed off within 50 feet (15.2 m) lead and dressed as directed.	1000 Cft	186.00	3,098.86	m3	6.57	109.44		
03-63-f	Earthwork by mechanical means in drains and irrigation channels in BORROW AREA soil dressed to designed section, grades profile/with excavated material, disposed off within 50 feet (15.2 m) lead and dressed as directed.	1000 Cft	93.00	2,606.63	m3	3.28	92.05		
03-63-g	Earthwork by mechanical means in drains and irrigation channels in UNDER WATER soil dressed to designed section, grades profile/with excavated material, disposed off within 50 feet (15.2 m) lead and dressed as directed.	1000 Cft	372.00	4,302.20	m3	13.14	151.93		
03-64	Provide, place and compact impervious clay core in dam embakement of specified grading, permiability i/c leveling dressing and hauage obtaining 95% modified ASHTO dry density	100 Cft	0.00	1,056.72	m3	0.00	373.18		
03-65	Provide , Place & compact shoulder material (sandy / silty gravel) in Dam Embankment, of specified grading, leveling / dressing i/c haulage for obtaining of 95% modified ASHTHO dry density.	100 Cft	0.00	959.92	m3	0.00	338.99		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
03-66	Provide , Place & compact Fine Filter in chimney drain vertical / horizantol on downstream of clay core	100 Cft	372.00	3,347.15	m3	131.37	1,182.04		
03-67	Provide , Place & compact Coarse Filter (well graded gravel) in chimney drain vertical / horizantol on downstream of fine filter i/c leveling, moistening etc	100 Cft	1,023.00	2,012.54	m3	361.27	710.72		
03-68	Excavation for core trench of Dam Embankment/Spillway/Intake & Outlet Structure and Irrigation System upto a minimum depth of 35 ft in common soil including removing of excavated material by machinery in 1 KM radius	100 Cft	0.00	642.85	m3	0.00	227.02		
03-68-a	Excavation for core trench of Dam Embankment/Spillway/Intake & Outlet Structure and Irrigation System upto a minimum depth of 35 ft in shingle gravel including removing of excavated material by machinery in 1 KM radius	100 Cft	0.00	670.97	m3	0.00	236.95		
03-68-b	Excavation for core trench of Dam Embankment/Spillway/Intake & Outlet Structure and Irrigation System upto design depth in Soft Rock/Shale requiring 20% blasting i/c removing of material from outside of the structure area.	100 Cft	0.00	1,643.18	m3	0.00	580.28		
03-68-c	Excavation for core trench of Dam Embankment/Spillway/Intake & Outlet Structure and Irrigation System upto design depth in Medium Hard Rock requiring 50% blasting i/c removing of material from outside of the structure area.	100 Cft	0.00	2,532.53	m3	0.00	894.36		
03-68-d	Excavation for core trench of Dam Embankment/Spillway/Intake & Outlet Structure and Irrigation System upto design depth in Hard Rock requiring 75% blasting i/c removing of material from outside of the structure area.	100 Cft	0.00	3,421.88	m3	0.00	1,208.43		

Chapter # 04 DISMANTLING (DEMOLITION)

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
04-01	Dismantling dry stone masonry	100 Cft	316.20	316.20	m3	111.67	111.67		
04-02	Dismantling stone masonry in mud mortar	100 Cft	465.00	465.00	m3	164.21	164.21		
04-03	Dismantling stone masonry in lime or cement mortar	100 Cft	1,116.00	1,116.00	m3	394.11	394.11		Add extra 13%, 32% and 51% on labour rates only for 2nd, 3rd, 4th and subsequent floors respectively.
04-04-a	Dismantling dry stone or spawl pitching	100 Cft	558.00	558.00	m3	197.06	197.06		
04-04-b	Dismantling stone or spawl pitching (mud grouted)	100 Cft	744.00	744.00	m3	262.74	262.74		
04-05	Dismantling stone or spawl pitching and apron in silted condition	100 Cft	930.00	930.00	m3	328.43	328.43		
04-06	Dismantling stone pitching, cement or lime grouted	100 Cft	1,116.00	1,116.00	m3	394.11	394.11		
04-07-a	Dismantling stone in Wooden crates	100 Cft	744.00	744.00	m3	262.74	262.74		
04-07-b	Dismantling stone in Wire crates	100 Cft	930.00	930.00	m3	328.43	328.43		
04-08	Dismantling stone ware drain including base concrete	100 Cft	558.00	558.00	m3	197.06	197.06		
04-09	Dismantling mud/pise walling	100 Cft	186.00	186.00	m3	65.69	65.69		
04-10	Dismantling sun dried brick masonry	100 Cft	465.00	465.00	m3	164.21	164.21		
04-11	Dismantling dry brick masonry	100 Cft	316.20	316.20	m3	111.67	111.67		
04-12	Dismantling brick work in mud mortar	100 Cft	651.00	651.00	m3	229.90	229.90		Add extra 13%, 32% and 51% on labour rates only for 2nd, 3rd, 4th and subsequent floors respectively against item No 04-12, 04-13, 04-14 and 04-15
04-13	Dismantling brick work in lime or cement mortar	100 Cft	1,581.00	1,581.00	m3	558.33	558.33		
04-14	Dismantling cement block masonry	100 Cft	1,395.00	1,395.00	m3	492.64	492.64		
04-15	Dismantling Dhajji walling	100 Cft	372.00	372.00	m3	131.37	131.37		
04-16	Dismantling mud concrete	100 Cft	744.00	744.00	m3	262.74	262.74		
04-17	Dismantling lime concrete	100 Cft	1,023.00	1,023.00	m3	361.27	361.27		Add extra 13%, 32% and 51% on labour rates only for 2nd, 3rd, 4th and subsequent floors respectively against item No 04-17, 04-19, and 04-20
04-18	Dismantling lime or cement concrete, under water	100 Cft	3,906.00	3,906.00	m3	1,379.39	1,379.39		
04-19-a	Dismantling : Plain Cement Concrete 1:4:8	100 Cft	2,046.00	2,046.00	m3	722.54	722.54		
04-19-b	Dismantling : Plain Cement Concrete 1:3:6	100 Cft	3,348.00	3,348.00	m3	1,182.34	1,182.34		
04-19-c	Dismantling : Plain Cement Concrete 1:2:4	100 Cft	4,092.00	4,092.00	m3	1,445.08	1,445.08		

Chapter # 04 DISMANTLING (DEMOLITION)

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
04-19-d	Dismantling : Cement Concrete with brick aggregate	100 Cft	1,116.00	1,116.00	m3	394.11	394.11		
04-19-e	Dismantling : DPC of cement concrete 1.5" thick and clearing the site	100 Sft	505.55	505.55	m2	54.40	54.40		
04-20	Dismantling RCC, separating reinforcement, cleaning & straightening the same	100 Cft	6,696.00	6,696.00	m3	2,364.67	2,364.67		
04-21	Dismantling sirki sarkanda or thached roofing supported on battens or ballies	100 Sft	223.20	223.20	m2	24.02	24.02		
04-22-a	Dismantling 1st class tile roofing	100 Sft	558.00	558.00	m2	60.04	60.04		Add extra 13%, 32% and 51% on labour rates only for 2nd, 3rd, 4th and subsequent floors respectively against item No 04-22-a, 04-22-b, 04-26, 04-27 and 04-30
04-22-b	Dismantling 2nd class tile roofing	100 Sft	459.79	459.79	m2	49.47	49.47		
04-23	Dismantling from any height, asbestos sheets & ridge coping	100 Sft	372.00	372.00	m2	40.03	40.03		
04-24	Dismantling roof of wooden planks & battens from any height	100 Sft	297.60	297.60	m2	32.02	32.02		
04-25	Dismantling wooden ceiling above 20' height in difficult position including lifting along live wire	100 Sft	1,110.05	1,110.05	m2	119.44	119.44		
04-26	Dismantling jack arch roofing, including removing joists	100 Sft	744.00	744.00	m2	80.05	80.05		
04-27	Dismantling RB roof complete with mud and mud plaster including reinforcement complete	100 Sft	930.00	930.00	m2	100.07	100.07		
04-28-a	Stripping and stacking: Slate or tiles from the truss roofing	100 Sft	310.99	310.99	m2	33.46	33.46		
04-28-b	Stripping and stacking: GI sheet roofing	100 Sft	461.28	461.28	m2	49.63	49.63		
04-29	Extra for dismantling CI sheet roof above 20 ft. in dificult position including lifting along live wire	100 Sft	837.00	837.00	m2	90.06	90.06		
04-30	Dismantling slates or tiles including battens, purlins and planking	100 Sft	744.00	744.00	m2	80.05	80.05		
04-31	Dismantling brick or flagged flooring without concrete foundation	100 Sft	316.20	316.20	m2	34.02	34.02		Add extra 13%, 32% and 51% on labour rates only for 2nd, 3rd, 4th and subsequent floors respectively against item No 04-31 and 04-32
04-32	Dismantling plank or wooden block flooring etc	100 Sft	465.00	465.00	m2	50.03	50.03		

Chapter # 04 DISMANTLING (DEMOLITION)

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
04-33-a	Disjointing RCC pipes inside trench & removing pipes & stacking outside : 6" to 12" diameter	100 Rft	4,650.00	4,650.00	m	152.56	152.56		a) The rate does not include the cost of excavation and refilling of trench, or the demoliation of any masonry or brick work.
04-33-b	Disjointing RCC pipes inside trench & removing pipes & stacking outside : 13" to 24" diameter	100 Rft	6,510.00	6,510.00	m	213.58	213.58		b) Bends, elbows, sluice valves, etc should not be paid for extra if fixed in the length of pipe line that is being dismantled.
04-33-c	Disjointing RCC pipes inside trench & removing pipes & stacking outside : 25" to 36" diameter	100 Rft	8,370.00	8,370.00	m	274.61	274.61		
04-33-d	Disjointing RCC pipes inside trench & removing pipes & stacking outside : Over 36" diameter	100 Rft	11,160.00	11,160.00	m	366.14	366.14		
04-34	Removing door with chowkat	Each	204.60	204.60	Each	204.60	204.60		Add extra 13%, 32% and 51% on labour rates only for 2nd, 3rd, 4th and subsequent floors respectively against item No 04-34 to 04-37
04-35	Removing windows and sky lights with chowkat	Each	148.80	148.80	Each	148.80	148.80		
04-36	Removing ventilators and wooden sunshades	Each	74.40	74.40	Each	74.40	74.40		
04-37-a	Dismantling: Woden beams up to 12' in length	Each	93.00	93.00	Each	93.00	93.00		
04-37-b	Dismantling: Wooden beams from 12.1' to 23' length	Each	186.00	186.00	Each	186.00	186.00		
04-37-c	Dismantling: Wooden partiton Jaffry Work etc	600 Sft	1,430.34	1,430.34	m2	25.65	25.65		
04-37-d	Dismantling: Wooden trusses	5 Cwt	1,674.00	1,674.00	100 Kg	652.86	652.86		
04-37-e	Dismantling: Wooden palisade fencing	50 Rft	1,116.00	1,116.00	m	73.23	73.23		
04-38	Dismantling iron work of trusses, sheds, water tanks, etc excluding cutting of rivets	5 Cwt	1,860.00	1,860.00	100 Kg	725.40	725.40		Add extra 13%, 32% and 51% on labour rates only for 2nd, 3rd, 4th and subsequent floors respectively against item No 04-38 and 04-39
04-39	Dismantling rolled steel beams or iron rails etc.	12 Cwt	1,860.00	1,860.00	100 Kg	305.04	305.04		
04-40	Dismantling iron latrine	Each	744.00	744.00	Each	744.00	744.00		
04-41	Dismantling tees, bends or sluice valves upto 12" i/d	Each/25mm	11.16	11.16	Ea/25mm D	11.16	11.16		
04-42-a	Dismantling water column : BG	Each	5,208.00	5,208.00	Each	5,208.00	5,208.00		

Chapter # 04 DISMANTLING (DEMOLITION)

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
04-42-b	Dismantling water column : MG or NG	Each	3,534.00	3,534.00	Each	3,534.00	3,534.00		
04-43	Dismantling all type of wire fencing, including rolling wire into bundles and collecting material	230 Rft	744.00	744.00	m	10.61	10.61		
04-44	Dismantling wire netting of tennis courts and frame work	100 Sft	148.80	148.80	m2	16.01	16.01		
04-45	Dismantling cloth ceiling and supporting timber	100 Sft	279.00	279.00	m2	30.02	30.02		
04-46	Dismantling and removing road metalling	100 Cft	744.00	744.00	m3	262.74	262.74		
04-47	Dismantling & removing road pavement etc including screening & stacking of by-products upto 50m.	100 Sft	4,880.64	4,880.64	m2	525.16	525.16		
04-48-a	Removing from walls: Mud plaster	500 Sft	372.00	372.00	m2	8.01	8.01		Add extra 13%, 32% and 51% on labour rates only for 2nd, 3rd, 4th and subsequent floors respectively against item No 04-46 to 04-49
04-48-b	Removing from walls: Cement or lime plaster	250 Sft	372.00	372.00	m2	16.01	16.01		
04-49-a	Scraping : White wash or colour wash	100 Sft	93.00	93.00	m2	10.01	10.01		
04-49-b	Scraping : Ordinary distemper, oil bound distemper or paint off wall	100 Sft	279.00	279.00	m2	30.02	30.02		
04-50	Dismantling glazed or accoustics tiles etc	100 Sft	1,116.00	1,116.00	m2	120.08	120.08		
04-51	Scraping boulders.	100 Cft	1,264.43	1,264.43	m3	446.53	446.53		
04-52	Cleaning mortar of old stones to be used in masonry	100 Cft	1,302.00	1,302.00	m3	459.80	459.80		
04-53	Dismantling light, fan and call bell point including casing, capping/strip open type complete	Point	44.64	44.64	Point	44.64	44.64		
04-54	Dismantling plug point & making good damaged surface (building portion)	Point	37.20	37.20	Point	37.20	37.20		
04-55-a	Dismantle GI/MS conduit/GI flexible/PVC pipes or conduit wiring of all sizes : On surface	Rft	8.62	8.62	m	28.28	28.28		
04-55-b	Dismantle GI/MS conduit/GI flexible/PVC pipes or conduit wiring of all sizes : Recessed in wall	Rft	13.61	13.61	m	44.65	44.65		

Chapter # 05 MORTAR

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
05-01	Lime Sand Mortar 1 : 2 (one Lime: 2 Sand)	100 Cft	1,395.00	9,288.52	m3	492.64	3,280.21		
05-02	Lime Sand Mortar 1 : 3 (one Lime: 3 Sand)	100 Cft	1,395.00	8,109.08	m3	492.64	2,863.70		
05-03	Lime Surkhi Mortar 1 : 1-1/2 (one Lime: 1-1/2 Surkhi)	100 Cft	1,395.00	7,465.13	m3	492.64	2,636.29		
05-04	Lime Surkhi Mortar 1 : 2 (one Lime: 2 Surkhi)	100 Cft	1,395.00	6,491.89	m3	492.64	2,292.59		
05-05	Lime Surkhi Mortar 1 : 3 (one Lime: 3 Surkhi)	100 Cft	1,395.00	5,274.17	m3	492.64	1,862.56		
05-06	Lime Sand And Surkhi Mortar 1 : 1 : 1 (one Lime: 1 Sand And : 1 Surkhi)	100 Cft	1,395.00	7,252.17	m3	492.64	2,561.08		
05-07	Lime Sand And Surkhi Mortar 1 : 2 : 1 (one Lime: 2 Sand And : 1 Surkhi)	100 Cft	1,395.00	6,420.32	m3	492.64	2,267.32		
05-08	Lime, Cement And Sand Mortar 1 : 1 : 3 (one Lime: One Cement And : 3 Sand)	100 Cft	1,395.00	18,732.80	m3	492.64	6,615.43		
05-09	Lime, Cement And Sand Mortar 1 : 1 : 4 (one Lime: One Cement And : 4 Sand)	100 Cft	1,395.00	16,340.76	m3	492.64	5,770.69		
05-10	Lime, Cement And Sand Mortar 1 : 1 : 5 (one Lime: One Cement And : 5 Sand)	100 Cft	1,395.00	14,643.57	m3	492.64	5,171.33		
05-11	Lime, Cement And Sand Mortar 1 : 1 : 6 (one Lime: One Cement And : 6 Sand)	100 Cft	1,395.00	13,373.83	m3	492.64	4,722.93		
05-12	Lime, Cement And Sand Mortar 1 : 1 : 7 (one Lime: One Cement And : 7sand)	100 Cft	1,395.00	12,450.82	m3	492.64	4,396.97		
05-13	Lime, Cement And Sand Mortar 1 : 1 : 8 (one Lime: One Cement And : 8 Sand)	100 Cft	1,395.00	11,440.71	m3	492.64	4,040.25		
05-14	Lime, Cement And Sand Mortar 1 : 1 : 9 (one Lime: One Cement And : 9 Sand)	100 Cft	1,395.00	10,966.08	m3	492.64	3,872.64		
05-15	Lime, Cement And Sand Mortar 1 : 1 : 10 (one Lime: One Cement And : 10 Sand)	100 Cft	1,395.00	10,474.91	m3	492.64	3,699.18		
05-16	Cement, Lime And Sand Mortar 1 : 2 : 6 (one Cement: 2 Lime And : 6 Sand)	100 Cft	1,395.00	12,617.52	m3	492.64	4,455.84		
05-17	Cement, Lime And Sand Mortar 1 : 2 : 9 (one Cement: 2 Lime And : 9 Sand)	100 Cft	1,395.00	11,345.74	m3	492.64	4,006.71		
05-18	Cement Sand Mortar 1 : 1 (one Cement: One Sand)	100 Cft	1,116.00	32,961.17	m3	394.11	11,640.14		
05-19	Cement Sand Mortar 1 : 1-1/2 (one Cement: 1-1/2 Sand)	100 Cft	1,116.00	27,533.93	m3	394.11	9,723.52		
05-20	Cement Sand Mortar 1 : 2 (one Cement: 2 Sand)	100 Cft	1,116.00	24,060.11	m3	394.11	8,496.76		
05-21	Cement Sand Mortar 1 : 2-1/2 (one Cement: 2-1/2 Sand)	100 Cft	1,116.00	21,075.96	m3	394.11	7,442.91		
05-22	Cement Sand Mortar 1 : 3 (one Cement: 3 Sand)	100 Cft	1,116.00	18,646.39	m3	394.11	6,584.92		
05-23	Cement Sand Mortar 1 : 4 (one Cement: 4 Sand)	100 Cft	1,116.00	15,583.83	m3	394.11	5,503.38		
05-24	Cement Sand Mortar 1 : 5 (one Cement: 5 Sand)	100 Cft	1,116.00	13,858.24	m3	394.11	4,894.00		
05-25	Cement Sand Mortar 1 : 6 (one Cement: 6 Sand)	100 Cft	1,116.00	12,329.14	m3	394.11	4,354.00		
05-26	Cement Sand Mortar 1 : 7 (one Cement: 7 Sand)	100 Cft	1,116.00	11,348.95	m3	394.11	4,007.85		
05-27	Cement Sand Mortar 1 : 8 (one Cement: 8 Sand)	100 Cft	1,116.00	10,505.11	m3	394.11	3,709.85		
05-28	Clay Mortar.	100 Cft	1,953.00	2,354.32	m3	689.70	831.42		
05-29	Clay Mortar Mixed With Chipped Bhoosa Or Straw.	100 Cft	1,953.00	2,386.84	m3	689.70	842.90		

Chapter # 05 MORTAR

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
05-30	Clay Mortar Mixed With Cow-dung 1 : 1 (1 Clay: 1 Cow Dung).	200 Cft	2,046.00	6,513.17	m3	361.27	1,150.05		
05-31	White Cement And Sand Mortar1 : 3 (1 White Cement 3 Sand)	100 Cft	1,116.00	27,446.11	m3	394.11	9,692.51		
05-32	Coloured Cement Mortar Made By Mixing White Cement And Pigment Of Approved Shade (1 White Cement Mixed With Pigment Of Approved Shade: 2 Sand)	100 Cft	1,116.00	97,589.56	m3	394.11	34,463.46		
05-33	White Cement And Sand Mortar1 : 2 (1 White Cement 2 Sand)	100 Cft	1,116.00	36,129.86	m3	394.11	12,759.15		
05-34	Coloured Cement Mortar Made By Mixing Grey Cement And Pigment Of Approved Shade (1 Grey Cement Mixed With Pigment Of Approved Shade: 2 Sand)	100 Cft	1,116.00	97,589.56	m3	394.11	34,463.46		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
06-01	Mud concrete in foundation using brick ballast or stone ballast 1.5" gauge to 2" guage	100 Cft	1,677.72	3,610.70	m3	592.48	1,275.11		The stone ballast, crushed bajri, round shingle from nallah, or brick ballast may be used according to their comparative cheaper rates in various areas of the province.
06-02	Dry rammed shingle brick ballast or stone ballast 1.5" to 2" guage	100 Cft	1,116.00	2,793.06	m3	394.11	986.36		ditto
06-03-a	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:3:6)	100 Cft	2,232.00	11,467.20	m3	788.22	4,049.61		
06-03-b	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:4:8)	100 Cft	2,232.00	9,423.76	m3	788.22	3,327.97		
06-03-c	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:5:10)	100 Cft	2,232.00	8,829.89	m3	788.22	3,118.25		
06-03-d	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:6:12)	100 Cft	2,232.00	8,227.31	m3	788.22	2,905.45		
06-03-e	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:6:18)	100 Cft	2,232.00	7,346.91	m3	788.22	2,594.54		
06-03-f	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:7:20)	100 Cft	2,232.00	7,115.08	m3	788.22	2,512.67		
06-04-a	Extra on Item 3 above, for sedimentation tank or filter beds in PHE works (in bed)	100 Cft	1,116.00	1,116.00	m3	394.11	394.11		The stone ballast, crushed bajri, round shingle from nallah, or brick ballast may be used according to their comparative cheaper rates in various areas of the province.
06-04-b	Extra on Item 3 above, for sedimentation tank or filter beds in PHE works (On slope)	100 Cft	1,674.00	1,674.00	m3	591.17	591.17		
06-05-a	Plain Cement Conrete including placing, compacting, finishing & curing (Ratio 1:1:2)	100 Cft	2,057.16	23,505.74	m3	726.48	8,300.98		
06-05-b	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:1.5:1.5)	100 Cft	2,057.16	23,266.16	m3	726.48	8,216.38		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
06-05-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:1.5:3)	100 Cft	2,057.16	19,084.40	m3	726.48	6,739.60		
06-05-d	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:3)	100 Cft	2,057.16	18,325.73	m3	726.48	6,471.68		
06-05-e	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:3)	100 Cft	2,057.16	16,469.59	m3	726.48	5,816.19		
06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100 Cft	2,057.16	16,709.17	m3	726.48	5,900.79		
06-05-g	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:6)	100 Cft	2,057.16	14,919.58	m3	726.48	5,268.80		
06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100 Cft	2,057.16	14,490.03	m3	726.48	5,117.11		
06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100 Cft	2,057.16	12,583.07	m3	726.48	4,443.67		
06-06-a-01	RCC in roof slab, beam, column & other structural members, insitu or precast. Type A (1:1:2)	100 Cft	4,166.40	27,110.98	m3	1,471.35	9,574.16		1) The rate include rendering floor surface smooth, and the plastering done for making up all surfaces after removing centering.
06-06-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. Type B (1:1.5:3)	100 Cft	4,166.40	23,557.21	m3	1,471.35	8,319.16		2) Plastering done after soffit of R.C.C roof slab meant for human habitaion buildings shall be paid extra
06-06-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. Type C (1:2:4)	100 Cft	4,166.40	21,181.98	m3	1,471.35	7,480.35		3) This item shall not be applicable to factory made units.
06-06-b-01	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type A (1:1:2)	100 Cft	4,092.00	25,439.18	m3	1,445.08	8,983.77		
06-06-b-02	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06 Type B (1:1.5:3)	100 Cft	4,092.00	21,986.81	m3	1,445.08	7,764.58		
06-06-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type C(1:2:4)	100 Cft	4,092.00	18,746.67	m3	1,445.08	6,620.33		
06-06-c-01	RCC including Precast/Prestressed in slab, beam, column, lintel, girder, etc. Type A (1:1:2)	100 Cft	4,836.00	30,745.08	m3	1,707.82	10,857.53		
06-06-c-02	RCC including Precast/Prestressed in slab, beam. column, lintels, girder, etc. Type B (1:1.5:3)	100 Cft	4,836.00	27,191.31	m3	1,707.82	9,602.53		
06-06-c-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. Type C (1:2:4).	100 Cft	4,836.00	23,948.52	m3	1,707.82	8,457.35		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
06-06-d-01	Reinforced cement concrete work as in dams, spillways, weirs, barrages, cross drainage works and other hydrolic structures using crushed stone aggregate(screening & washing) and coarse sand i/c costof all labour and material and all kinds of form works, moulds, shuttering lifting/pumping, curing, rendering and finishing the exposed surface, cast in situ/precast excluding the cost of steel reinforcement and labour for bending binding also excludig cost of additives which have to be paid separately. Type A (1:1:2)	100 Cft	7,068.00	29,923.14	m3	2,496.04	10,567.27		
06-06-d-02	Reinforced cement concrete work as in dams, spillways, weirs, barrages, cross drainage works and other hydrolic structures using crushed stone aggregate(screening & washing) and coarse sand i/c costof all labour and material and all kinds of form works, moulds, shuttering lifting/pumping, curing, rendering and finishing the exposed surface, cast in situ/precast excluding the cost of steel reinforcement and labour for bending binding also excludig cost of additives which have to be paid separately. Type B (1:1.5:3)	100 Cft	7,068.00	26,146.74	m3	2,496.04	9,233.64		
06-06-d-03	Reinforced cement concrete work as in dams, spillways, weirs, barrages, cross drainage works and other hydrolic structures using crushed stone aggregate(screening & washing) and coarse sand i/c costof all labour and material and all kinds of form works, moulds, shuttering lifting/pumping, curing, rendering and finishing the exposed surface, cast in situ/precast excluding the cost of steel reinforcement and labour for bending binding also excludig cost of additives which have to be paid separately. Type C (1:2:4)	100 Cft	7,068.00	23,771.51	m3	2,496.04	8,394.84		
06-06-e	Add extra labour for RCC in 2nd & subsequent storeys	100 Cft	1,581.00	1,581.00	m3	558.33	558.33		
06-07-a	Supply & fabricate M.S. reinforcement for cement concrete (Plain bars)	Cwt	279.00	4,847.11	Tonne	5,491.89	95,411.55		The rate includes wastage, overlap and chairs, etc
06-07-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Cwt	279.00	6,014.84	Tonne	5,491.89	118,397.38		
06-07-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	Cwt	279.00	5,556.33	Tonne	5,491.89	109,371.99		
06-08	Supplying & fixing high tensile steel wire in prestressing cables in precast girders	Cwt	558.00	10,330.08	Tonne	10,983.78	203,339.36		The rate includes wastage & allowance for stressing of cables.
06-09	Precast cement concrete solid or face blocks 1:2:4, including cost of templates.	100 Cft	3,348.00	16,858.86	m3	1,182.34	5,953.66		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
06-10	Precast cem. concrete hollow blocks 1:2:4, including cost of templates & constructing wall thereof	100 Cft	7,254.00	15,034.30	m3	2,561.73	5,309.32		
06-11	Provide & fix ornamental cement jali 1:2:4 2" thick without steel.	100 Sft	2,976.00	5,268.95	m2	320.22	566.94		
06-12-a	Extra labour for laying concrete (plain or reinforced) From 20' upto 40' height	100 Cft	1,488.00	1,488.00	m3	525.48	525.48		
06-12-b	Extra labour for laying concrete (plain or reinforced) For every extra10' height	100 Cft	744.00	744.00	m3	262.74	262.74		
06-13	Extra labour for work of weirs, rails or bridges, syphons & concreting in superstructure	100 Cft	372.00	372.00	m3	131.37	131.37		
06-14	RCC spout, 2.5'x6"x5", including fixing in position	Each	279.00	696.59	Each	279.00	696.59		
06-15	Making holes upto 3" dia, 18" depth in cement concrete or stone masonry walls and repairing	Each	781.20	781.20	Each	781.20	781.20		
06-16	Extra labour for skipping concrete in wells	100 Cft	5,394.00	5,394.00	m3	1,904.87	1,904.87		
06-17-a	Nicking cement concrete surface.	100 Sft	372.00	372.00	m2	40.03	40.03		
06-17-b	Nicking lime concrete surface.	100 Sft	122.76	122.76	m2	13.21	13.21		
06-18-a	Prepare, water and ramming surface for laying concrete (for Headworks only) Horizontal floor	100 Sft	279.00	279.00	m2	30.02	30.02		
06-18-b	Prepare, water and ramming surface for laying concrete (for Headworks only) Glacis and crest	100 Sft	465.00	465.00	m2	50.03	50.03		
06-18-c	Prepare, water and ramming surface for laying concrete (for Headworks only) inverted filters	100 Sft	139.50	139.50	m2	15.01	15.01		
06-19	Providing and fixing 6" wide GI sheet 18 SWG. stopper to expansion joint.	Rft	5.81	83.10	m	19.07	272.64		
06-20	Fill expansion joints with bitumen, sand & saw dust in Ratio 1:2:2	Rft	3.72	20.08	m	12.20	65.89		
06-21-a	Filling expansion joints with bitumen	Rft	37.20	58.98	m	122.05	193.50		
06-21-b	Laying Asphaltic Mixture in Expansion Joints	Rft	37.20	37.20	m	122.05	122.05		
06-22-a-01	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (1.5" thick)	100 Sft	1,320.60	3,678.39	m2	142.10	395.79		
06-22-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100 Sft	1,320.60	4,206.43	m2	142.10	452.61		
06-22-a-03	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (3" thick)	100 Sft	1,395.00	5,402.62	m2	150.10	581.32		
06-22-b-01	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 2 coats bitumen (1.5" thick)	100 Sft	1,060.20	3,853.59	m2	114.08	414.65		
06-22-b-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 2 coats bitumen (2" thick)	100 Sft	1,320.60	4,642.03	m2	142.10	499.48		
06-22-b-03	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 2 coats bitumen (3" thick)	100 Sft	1,313.16	5,756.38	m2	141.30	619.39		
06-23-a-01	Damp proof course in c/s plaster, 1 layer polythene, 1 coat bitumen Ratio 1:4 (0.5" thick)	100 Sft	1,209.00	2,381.71	m2	130.09	256.27		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
06-23-a-02	Damp proof course in c/s plaster, 1 layer polythene, 1 coat bitumen Ratio 1:4 (0.75" thick)	100 Sft	1,209.00	2,609.07	m2	130.09	280.74		
06-23-a-03	Damp proof course in c/s plaster, 1 layer polythene, 1 coat bitumen Ratio 1:3 (0.5" thick)	100 Sft	1,209.00	2,471.86	m2	130.09	265.97		
06-23-a-04	Damp proof course in c/s plaster, 1 layer polythene, 1 coat bitumen Ratio 1:3 (0.75" thick)	100 Sft	1,209.00	2,743.86	m2	130.09	295.24		
06-23-a-05	Damp proof course in c/s plaster, 1 layer polythene, 1 coat bitumen Ratio 1:2 (0.5" thick)	100 Sft	1,209.00	2,606.65	m2	130.09	280.48		
06-23-a-06	Damp proof course in c/s plaster, 1 layer polythene, 1 coat bitumen Ratio 1:2 (0.75" thick)	100 Sft	1,209.00	2,972.31	m2	130.09	319.82		
06-23-b-01	Damp proof course in c/s plaster, 1 layer polythene, 2 coats bitumen Ratio 1:4 (0.5" thick)	100 Sft	1,209.00	2,819.49	m2	130.09	303.38		
06-23-b-02	Damp proof course in c/s plaster, 1 layer polythene, 2 coats bitumen Ratio 1:4 (0.75" thick)	100 Sft	1,209.00	3,044.67	m2	130.09	327.61		
06-23-b-03	Damp proof course in c/s plaster, 1 layer polythene, 2 coats bitumen Ratio 1:3 (0.5" thick)	100 Sft	1,209.00	2,907.46	m2	130.09	312.84		
06-23-b-04	Damp proof course in c/s plaster, 1 layer polythene, 2 coats bitumen Ratio 1:3 (0.75" thick)	100 Sft	1,209.00	3,179.46	m2	130.09	342.11		
06-23-b-05	Damp proof course in c/s plaster, 1 layer polythene, 2 coats bitumen Ratio 1:2 (0.5" thick)	100 Sft	1,209.00	3,042.25	m2	130.09	327.35		
06-23-b-06	Damp proof course in c/s plaster, 1 layer polythene, 2 coats bitumen Ratio 1:2 (0.75" thick)	100 Sft	1,209.00	3,407.91	m2	130.09	366.69		
06-24-a-01	V. Damp proof c/s plaster, 1 layer polythene 1 coat bitumen Ratio 1:4 (0.5" thick)	100 Sft	1,209.00	2,394.30	m2	130.09	257.63		
06-24-a-02	V. Damp proof c/s plaster, 1 layer polythene 1 coat bitumen Ratio 1:4 (0.75" thick)	100 Sft	1,209.00	2,609.07	m2	130.09	280.74		
06-24-a-03	V. Damp proof c/s plaster, 1 layer polythene 1 coat bitumen Ratio 1:3 (0.5" thick)	100 Sft	1,209.00	2,487.47	m2	130.09	267.65		
06-24-a-04	V. Damp proof c/s plaster, 1 layer polythene 1 coat bitumen Ratio 1:3 (0.75" thick)	100 Sft	1,209.00	2,743.86	m2	130.09	295.24		
06-24-a-05	V. Damp proof c/s plaster, 1 layer polythene 1 coat bitumen Ratio 1:2 (0.5" thick)	100 Sft	1,209.00	2,606.65	m2	130.09	280.48		
06-24-a-06	V. Damp proof c/s plaster, 1 layer polythene 1 coat bitumen Ratio 1:2 (0.75" thick)	100 Sft	1,209.00	2,972.31	m2	130.09	319.82		
06-24-b-01	V. Damp proof c/s plaster, 1 layer polythene 2 coats bitumen Ratio 1:4 (0.5" thick)	100 Sft	1,209.00	2,829.90	m2	130.09	304.50		
06-24-b-02	V. Damp proof c/s plaster, 1 layer polythene 2 coats bitumen Ratio 1:4 (0.75" thick)	100 Sft	1,209.00	3,044.67	m2	130.09	327.61		
06-24-b-03	V. Damp proof c/s plaster, 1 layer polythene 2 coats bitumen Ratio 1:3 (0.5" thick)	100 Sft	1,209.00	2,928.27	m2	130.09	315.08		
06-24-b-04	V. Damp proof c/s plaster, 1 layer polythene 2 coats bitumen Ratio 1:3 (0.75" thick)	100 Sft	1,209.00	3,179.46	m2	130.09	342.11		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
06-24-b-05	V. Damp proof c/s plaster, 1 layer polythene 2 coats bitumen Ratio 1:2 (0.5" thick)	100 Sft	1,209.00	3,042.25	m2	130.09	327.35		
06-24-b-06	V. Damp proof c/s plaster, 1 layer polythene 2 coats bitumen Ratio 1:2 (0.75" thick)	100 Sft	1,209.00	3,407.91	m2	130.09	366.69		
06-25	Grouting concrete between the grooves of gates including shuttering	100 Cft	4,836.00	4,836.00	m3	1,707.82	1,707.82		
06-26	Chisel dressing concrete surface on sides of grooves	1000 Sft	1,860.00	1,860.00	m2	20.01	20.01		
06-27	Laying and ramming dry ballast or kankar	100 Sft	4,497.48	4,497.48	m2	483.93	483.93		
06-28	Hoisting & placing in position RCC shelves	100 No	5,825.52	5,825.52	No	58.26	58.26		
06-29-a	Breaking brick ballast, screening & stacking 2" ring	100 Cft	1,116.00	1,116.00	m3	394.11	394.11		
06-29-b	Breaking brick ballast, screening & stacking 1.5" ring	100 Cft	1,302.00	1,302.00	m3	459.80	459.80		
06-29-c	Breaking brick ballast, screening & stacking 1" ring	100 Cft	1,488.00	1,488.00	m3	525.48	525.48		
06-29-d	Breaking brick ballast, screening & stacking. Jhama ballast 3/4" ring	100 Cft	1,674.00	1,674.00	m3	591.17	591.17		
06-30	Supply & fix broken glasses on court yard walls, including 1:3:6 cement concrete coping	100 Rft	1,183.33	8,443.33	m	38.82	277.01		
06-31	Crushing stone ballast by machine	100 Cft	1,052.76	1,052.76	m3	371.78	371.78		This does not include the chages for working of crushers , but manual labour for charges of stone to crusher within 100 m and also stacking the product after crushing within 100 m.
06-32-a	Breaking stone ballast screened & stacked 2" ring	100 Cft	1,302.00	1,302.00	m3	459.80	459.80		
06-32-b	Breaking stone ballast screened & stacked 1.5" ring	100 Cft	1,488.00	1,488.00	m3	525.48	525.48		
06-32-c	Breaking stone ballast screened & stacked 1" ring	100 Cft	1,674.00	1,674.00	m3	591.17	591.17		
06-32-d	Breaking stone ballast screened & stacked 0.5" ring	100 Cft	2,232.00	2,232.00	m3	788.22	788.22		
06-32-e	Breaking stone ballast screened & stacked 1/8" to 1/4" ring	100 Cft	3,720.00	3,720.00	m3	1,313.71	1,313.71		
06-33	Screening and stacking stone ballast, shingle or bajri etc	100 Cft	372.00	372.00	m3	131.37	131.37		
06-34	Washing ballast, bajri or shingle	100 Cft	372.00	372.00	m3	131.37	131.37		
06-35	Erecting and carting sun shades of precast RCC (upto 5"x 2.5")	Each	260.40	260.40	Each	260.40	260.40		
06-36-a	PCC 1:3:6 in mass concrete less formwork using 50% boulders	100 Cft	2,328.72	8,963.37	m3	822.38	3,165.39		
06-36-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	100 Cft	2,325.00	9,883.29	m3	821.07	3,490.25		
06-36-c	PCC 1:3:6 in mass concrete less formwork using 30% boulders	100 Cft	2,325.00	10,818.64	m3	821.07	3,820.57		
06-37-a	PCC 1:4:8 in mass concrete less formwork using 50% boulders	100 Cft	2,325.00	7,842.60	m3	821.07	2,769.59		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
06-37-b	PCC 1:4:8 in mass concrete less formwork using 40% boulders	100 Cft	2,325.00	8,546.82	m3	821.07	3,018.28		
06-37-c	PCC 1:4:8 in mass concrete less formwork using 30% boulders	100 Cft	2,325.00	9,251.04	m3	821.07	3,266.98		
06-38-a	Erecting & removing formwork to concrete in any shape / position (Horizontal)	100 Sft	2,976.00	3,366.83	m2	320.22	362.27		
06-38-b	Erecting & removing formwork to concrete in any shape / position (Vertical)	100 Sft	3,348.00	3,779.97	m2	360.24	406.72		
06-39-a	Erection and removal of steel Form work for RCC or Plain Concrete horizontal	100 Sft	372.00	7,307.84	m2	40.03	786.32		
06-39-b	Erection and removal of steel Form work for RCC or Plain Concrete vertical	100 Sft	297.60	7,197.14	m2	32.02	774.41		
06-40-a	Class A1 concrete in reinforcement/non reinforcement concrete structure with minimum cylinder compressive strength 3000 psi on 28 days other than concrete in water and piles with consistency range in slump 25-75 mm with water cement ratio 0.58	100 Cft	3,162.00	17,504.49	m3	1,116.65	6,181.66		
06-40-b	Class A2 cement concrete for concrete place under water with minimum cylinder compressive strength 3500 psi on 28 days with consistency range in slump 100-150 mm with water cement ratio 0.58	100 Cft	3,162.00	18,259.17	m3	1,116.65	6,448.17		
06-40-c	Class A3 cement concrete for concrete in pile with minimum cylinder compressive strenght 4000 psi on 28 days other than concrete in water and piles with consistency range in slump 100-150 mm with water cement ratio 0.58	100 Cft	3,162.00	20,452.05	m3	1,116.65	7,222.58		
06-40-d	Class B concrete for concrete in pile specified works only with minimum cylinder compressive strenght 2418 psi on 28 days and consistency range in slump 25-75 mm with water cement ratio 0.65	100 Cft	3,162.00	16,117.83	m3	1,116.65	5,691.96		
06-40-e	Class C concrete for concrete for cribbing or otherwise specified in special provision with minimum cylinder compressive strength 3000 psi on 28 days and consistency range in slump 25-75 mm with water cement ratio 0.58	100 Cft	3,162.00	17,071.31	m3	1,116.65	6,028.68		
06-40-f	Class D1 concrete for concrete in pre-stressed & post tensioned with minimum cylinder compressive strength 4978.12 psi on 28 days and consistency range in slump 50-100 mm with water cement ratio 0.40	100 Cft	3,162.00	21,405.53	m3	1,116.65	7,559.30		
06-40-g	Class D2 concrete for concrete in pre-stressed & post tensioned with minimum cylinder compressive strength 6045 psi on 28 days and consistency range in slump 50-100 mm with water cement ratio 0.40	100 Cft	3,162.00	22,879.31	m3	1,116.65	8,079.76		

Chapter # 06 CONCRETE

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
06-40-h	Class D3 concrete for concrete in pre-stressed & post tensioned with minimum cylinder compressive strength 7112 psi on 28 days and consistency range in slump 50-100 mm with water cement ratio 0.40	100 Cft	3,162.00	24,302.56	m3	1,116.65	8,582.38		
06-40-i	Class Y concrete for concrete use as filler in steel grid, Bridge floor, in then reinforced section etc with minimum cylinder compressive strength 2575 psi on 28 days and consistency range in slump 50-100 mm with water cement ratio 0.58	100 Cft	3,162.00	19,732.95	m3	1,116.65	6,968.63		
06-40-j	Lean concrete for use as thin layer under neath footings with cylinder compressive strength of 1423 psi on 28 days.	100 Cft	3,162.00	13,143.29	m3	1,116.65	4,641.51		

Chapter # 07 BRICK MASONRY

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
07-01-a	Pacca brickwork in mud mortar in buildings in foundation and plinth	100 Cft	2,272.92	12,359.78	m3	802.67	4,364.82		
07-01-b	Pacca brickwork in mud mortar in buildings in ground floor	100 Cft	3,020.64	13,234.55	m3	1,066.73	4,673.74		
07-02-a	Add extra on Item 07-01 for brickwork in First floor	100 Cft	558.00	685.05	m3	197.06	241.92		
07-02-b	Add extra on Item 07-01 for brickwork in Second floor	100 Cft	1,302.00	1,429.05	m3	459.80	504.66		
07-02-c	Add extra on Item 07-01 for brickwork in Third floor	100 Cft	2,046.00	2,173.05	m3	722.54	767.41		
07-02-d	Add extra on Item 07-01 for brickwork in Fourth & subsequent floors.	100 Cft	2,790.00	2,917.05	m3	985.28	1,030.15		
07-03-a	Pacca brick work in mud mortar other than building Upto 20 ft. height	100 Cft	3,162.00	13,248.86	m3	1,116.65	4,678.79		
07-03-b	Pacca brick work in mud mortar other than building Extra labour for each 5 ft. addl. height or part	100 Cft	558.00	558.00	m3	197.06	197.06		
07-04-a-01	Pacca brick work in foundation and plinth in Cement, sand mortar 1:2	100 Cft	3,005.76	17,404.76	m3	1,061.48	6,146.44		
07-04-a-02	Pacca brick work in foundation and plinth in Cement, sand mortar 1:3	100 Cft	3,005.76	16,418.61	m3	1,061.48	5,798.18		
07-04-a-03	Pacca brick work in foundation and plinth in Cement, sand mortar 1:4	100 Cft	3,005.76	15,826.92	m3	1,061.48	5,589.23		
07-04-a-04	Pacca brick work in foundation and plinth in Cement, sand mortar 1:5	100 Cft	3,005.76	15,388.90	m3	1,061.48	5,434.54		
07-04-a-05	Pacca brick work in foundation and plinth in Cement, sand mortar 1:6	100 Cft	3,005.76	15,156.34	m3	1,061.48	5,352.42		
07-04-a-06	Pacca brick work in foundation and plinth in Cement, sand mortar 1:7	100 Cft	3,005.76	14,944.83	m3	1,061.48	5,277.72		
07-04-a-07	Pacca brick work in foundation and plinth in Cement, sand mortar 1:8	100 Cft	3,005.76	14,771.63	m3	1,061.48	5,216.56		
07-04-b-01	Pacca brick work in foundation and plinth in Lime, cement, sand mortar 1:1:6	100 Cft	3,005.76	15,478.44	m3	1,061.48	5,466.16		
07-04-b-02	Pacca brick work in foundation and plinth in Lime, cement, sand mortar 1:1:7	100 Cft	3,005.76	15,258.00	m3	1,061.48	5,388.32		
07-04-b-03	Pacca brick work in foundation and plinth in Lime, cement, sand mortar 1:1:8	100 Cft	3,935.76	16,013.50	m3	1,389.90	5,655.12		
07-04-b-04	Pacca brick work in foundation and plinth in Lime, cement, sand mortar 1:1:9	100 Cft	3,005.76	14,935.39	m3	1,061.48	5,274.39		
07-04-b-05	Pacca brick work in foundation and plinth in Lime, cement, sand mortar 1:1:10	100 Cft	3,005.76	14,824.53	m3	1,061.48	5,235.24		
07-04-c	Pacca brick work in foundation and plinth in Lime, sand mortar 1:2	100 Cft	3,005.76	14,727.56	m3	1,061.48	5,200.99		
07-04-c-01	Pacca brick work in foundation and plinth in lime, sand, surkhi 1:1:1	100 Cft	3,005.76	14,383.66	m3	1,061.48	5,079.55		

Chapter # 07 BRICK MASONRY

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
07-04-c-02	Pacca brick work in foundation and plinth in lime, coarse cinder.	100 Cft	3,005.76	14,975.08	m3	1,061.48	5,288.40		
07-04-c-03	Pacca brick work in foundation and plinth in lime, surkhi mortar 2:3	100 Cft	3,005.76	14,518.55	m3	1,061.48	5,127.18		
07-04-c-04	Pacca brick work in foundation and plinth in lime, surkhi mortar 1:2	100 Cft	3,005.76	14,239.20	m3	1,061.48	5,028.53		
07-04-c-05	Pacca brick work in foundation and plinth in lime, surkhi mortar 1:3	100 Cft	3,005.76	13,887.74	m3	1,061.48	4,904.41		
07-05-a-01	Pacca brick work in ground floor Cement, sand mortar 1:2	100 Cft	3,861.36	18,387.41	m3	1,363.63	6,493.46		
07-05-a-02	Pacca brick work in ground floor Cement, sand mortar 1:3	100 Cft	3,861.36	17,401.26	m3	1,363.63	6,145.20		
07-05-a-03	Pacca brick work in ground floor Cement, sand mortar 1:4	100 Cft	3,861.36	16,809.57	m3	1,363.63	5,936.25		
07-05-a-04	Pacca brick work in ground floor Cement, sand mortar 1:5	100 Cft	3,861.36	16,415.11	m3	1,363.63	5,796.95		
07-05-a-05	Pacca brick work in ground floor Cement, sand mortar 1:6	100 Cft	3,861.36	16,138.99	m3	1,363.63	5,699.44		
07-05-a-06	Pacca brick work in ground floor Cement, sand mortar 1:7	100 Cft	3,861.36	15,927.48	m3	1,363.63	5,624.74		
07-05-a-07	Pacca brick work in ground floor Cement, sand mortar 1:8	100 Cft	3,861.36	15,754.28	m3	1,363.63	5,563.58		
07-05-b-01	Pacca brick work in ground floor Lime, cement, sand mortar 1:1:6	100 Cft	3,935.76	16,545.90	m3	1,389.90	5,843.13		
07-05-b-02	Pacca brick work in ground floor Lime, cement, sand mortar 1:1:7	100 Cft	3,935.76	16,315.05	m3	1,389.90	5,761.61		
07-05-b-03	Pacca brick work in ground floor Lime, cement, sand mortar 1:1:8	100 Cft	3,935.76	16,140.55	m3	1,389.90	5,699.99		
07-05-b-04	Pacca brick work in ground floor Lime, cement, sand mortar 1:1:9	100 Cft	3,935.76	15,992.44	m3	1,389.90	5,647.68		
07-05-b-05	Pacca brick work in ground floor Lime, cement, sand mortar 1:1:10	100 Cft	3,935.76	15,881.58	m3	1,389.90	5,608.53		
07-05-c	Pacca brick work in ground floor Lime, sand mortar 1:2	100 Cft	3,935.76	15,784.61	m3	1,389.90	5,574.29		
07-05-c-01	Pacca brick work in foundation and plinth in lime, sand, surkhi 1:1:1.	100 Cft	3,935.76	15,313.66	m3	1,389.90	5,407.97		
07-05-c-02	Pacca brick work in Ground floor lime, coarse cinder.	100 Cft	3,935.76	15,905.08	m3	1,389.90	5,616.83		
07-05-c-03	Pacca brick work in Ground floor lime, surkhi mortar 2:3	100 Cft	3,935.76	15,448.55	m3	1,389.90	5,455.61		
07-05-c-04	Pacca brick work in Ground floor lime, surkhi mortar 1:2	100 Cft	3,935.76	15,169.20	m3	1,389.90	5,356.96		
07-05-c-05	Pacca brick work in Ground floor lime, surkhi mortar 1:3	100 Cft	3,935.76	14,817.74	m3	1,389.90	5,232.84		
07-06-a	Add extra on item No.07-05 for brick work in First floor	100 Cft	558.00	685.05	m3	197.06	241.92		
07-06-b	Add extra on item No.07-05 for brick work in in Second floor	100 Cft	1,302.00	1,429.05	m3	459.80	504.66		
07-06-c	Add extra on item No.07-05 for brick work in Third floor	100 Cft	2,046.00	2,173.05	m3	722.54	767.41		
07-06-d	Add extra on item No.07-05 for brick work in in Fourth & subsequent floors.	100 Cft	3,348.00	3,475.05	m3	1,182.34	1,227.20		
07-07-a-01	Pacca brick work other than building upto 10 ft. height : Cement, sand mortar 1:2	100 Cft	3,534.00	18,060.05	m3	1,248.02	6,377.85		

Chapter # 07 BRICK MASONRY

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
07-07-a-02	Pacca brick work other than building upto 10 ft. height : Cement, sand mortar 1:3	100 Cft	3,720.00	17,259.90	m3	1,313.71	6,095.28		
07-07-a-03	Pacca brick work other than building upto 10 ft. height : Cement, sand mortar 1:4	100 Cft	3,534.00	16,482.21	m3	1,248.02	5,820.64		
07-07-a-04	Pacca brick work other than building upto 10 ft. height : Cement, sand mortar 1:5	100 Cft	3,534.00	16,087.75	m3	1,248.02	5,681.34		
07-07-a-05	Pacca brick work other than building upto 10 ft. height : Cement, sand mortar 1:6	100 Cft	3,534.00	15,811.63	m3	1,248.02	5,583.83		
07-07-a-06	Pacca brick work other than building upto 10 ft. height : Cement, sand mortar 1:7	100 Cft	3,534.00	15,600.12	m3	1,248.02	5,509.14		
07-07-a-07	Pacca brick work other than building upto 10 ft. height : Cement, sand mortar 1:8	100 Cft	3,534.00	15,426.92	m3	1,248.02	5,447.97		
07-07-b-01	Pacca brick work other than building upto 10 ft. height : Lime, cement, sand mortar 1:1:6	100 Cft	3,534.00	16,133.73	m3	1,248.02	5,697.58		
07-07-b-02	Pacca brick work other than building upto 10 ft. height : Lime, cement, sand mortar 1:1:7	100 Cft	3,534.00	15,914.16	m3	1,248.02	5,620.04		
07-07-b-03	Pacca brick work other than building upto 10 ft. height : Lime, cement, sand mortar 1:1:8	100 Cft	3,534.00	15,738.79	m3	1,248.02	5,558.11		
07-07-b-04	Pacca brick work other than building upto 10 ft. height : Lime, cement, sand mortar 1:1:9	100 Cft	3,534.00	15,590.68	m3	1,248.02	5,505.80		
07-07-b-05	Pacca brick work other than building upto 10 ft. height : Lime, cement, sand mortar 1:1:10	100 Cft	3,534.00	15,479.82	m3	1,248.02	5,466.65		
07-07-c	Pacca brick work other than building upto 10 ft. height : Lime, sand mortar 1:2	100 Cft	3,534.00	15,382.85	m3	1,248.02	5,432.41		
07-07-c-01	Pacca brick work in other than building upto 10 ft height in lime, sand, surkhi 1:1:1	100 Cft	5,208.00	16,712.96	m3	1,839.19	5,902.13		
07-07-c-02	Pacca brick work in other than building upto 10 ft height in lime, coarse cinder 1:1	100 Cft	3,534.00	15,630.37	m3	1,248.02	5,519.82		
07-07-c-03	Pacca brick work in other than building upto 10 ft height in lime, surkhi mortar 2:3	100 Cft	3,534.00	15,173.84	m3	1,248.02	5,358.60		
07-07-c-04	Pacca brick work in other than building upto 10 ft height in lime, surkhi mortar 1:2	100 Cft	2,976.00	14,336.49	m3	1,050.97	5,062.89		
07-07-c-05	Pacca brick work in other than building upto 10 ft height in lime, surkhi mortar 1:3	100 Cft	3,935.76	14,944.79	m3	1,389.90	5,277.71		
07-08	Add extra on item No. 07-07 for every 10 ft. additional height, or part thereof	100 Cft	558.00	583.41	m3	197.06	206.03		
07-09	Extra labour for arch work in brick masonry, including labour for centring and decentring	100 Cft	1,488.00	1,551.53	m3	525.48	547.92		
07-10	Extra for pacca brick work in steining of wells or any other circular masonry.	100 Cft	930.00	1,438.20	m3	328.43	507.90		
07-11	Extra labour for profile & flared walls	100 Cft	1,116.00	1,116.00	m3	394.11	394.11		

Chapter # 07 BRICK MASONRY

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
07-12-a	Extra labour for pacca brick work in pier/abutment From 10 ft.to 20 ft. height.	100 Cft	744.00	744.00	m3	262.74	262.74		
07-12-b	Extra labour for pacca brick work in pier/abutment Exceeding 20 ft height.	100 Cft	1,302.00	1,302.00	m3	459.80	459.80		
07-13	Extra for face work (half brick thick) using special bricks instead of first class bricks.	100 Sft	744.00	744.00	m2	80.05	80.05		This item is to be executed only on the written orders of Superintending Engineer.
07-14	Reinforced brick work in lintel of openings, laid in 1:3 cement mortar complete	100 Cft	9,675.72	24,176.48	m3	3,416.95	8,537.85		
07-15-a	Extra for dressing or chamfering bricks for Special architectural bricks	100 No	2,418.00	2,418.00	100 No.	2,418.00	2,418.00		
07-15-b	Extra for dressing or chamfering bricks for all other purposes.	100 No	1,674.00	1,674.00	100 No.	1,674.00	1,674.00		
07-16-a	Perf. pacca brick wall 1/2 brick thick in ground floor : Mud mortar	100 Sft	1,510.32	3,446.73	m2	162.51	370.87		
07-16-b-01	Perf. pacca brick wall 1/2 brick thick in ground floor : Cement, sand mortar 1:2	100 Sft	1,971.60	5,113.10	m2	212.14	550.17		
07-16-b-02	Perf. pacca brick wall 1/2 brick thick in ground floor : Cement, sand mortar 1:3	100 Sft	1,971.60	4,866.02	m2	212.14	523.58		
07-16-b-03	Perf. pacca brick wall 1/2 brick thick in ground floor : Cement, sand mortar 1:4	100 Sft	1,971.60	4,718.64	m2	212.14	507.73		
07-16-b-04	Perf. pacca brick wall 1/2 brick thick in ground floor : Cement, sand mortar 1:5	100 Sft	1,971.60	4,620.02	m2	212.14	497.11		
07-16-b-05	Perf. pacca brick wall 1/2 brick thick in ground floor : Cement, sand mortar 1:6	100 Sft	1,971.60	4,550.45	m2	212.14	489.63		
07-16-b-06	Perf. pacca brick wall 1/2 brick thick in ground floor : Cement, sand mortar 1:7	100 Sft	1,971.60	4,498.66	m2	212.14	484.06		
07-16-b-07	Perf. pacca brick wall 1/2 brick thick in ground floor : Cement, sand mortar 1:8	100 Sft	1,971.97	4,457.84	m2	212.18	479.66		
07-16-c-01	Perf. pacca brick wall 1/2 brick thick in ground floor : Lime, cement, sand mortar 1:1:6	100 Sft	1,971.60	5,220.45	m2	212.14	561.72		
07-16-c-02	Perf. pacca brick wall 1/2 brick thick in ground floor : Lime, cement, sand mortar 1:1:7	100 Sft	1,971.60	5,170.40	m2	212.14	556.34		
07-16-c-03	Perf. pacca brick wall 1/2 brick thick in ground floor : Lime, cement, sand mortar 1:1:8	100 Sft	1,971.60	5,124.74	m2	212.14	551.42		
07-16-c-04	Perf. pacca brick wall 1/2 brick thick in ground floor : Lime, cement, sand mortar 1:1:9	100 Sft	1,971.60	5,083.60	m2	212.14	547.00		
07-16-c-05	Perf. pacca brick wall 1/2 brick thick in ground floor : Lime, cement, sand mortar 1:1:10	100 Sft	1,971.60	5,060.44	m2	212.14	544.50		
07-16-d	Perf. pacca brick wall 1/2 brick thick in ground floor : Lime, sand mortar 1:2	100 Sft	1,971.60	5,027.99	m2	212.14	541.01		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
07-17-a	Add extra on item No. 07-16 for pacca brick work in First floor	100 Sft	279.00	304.41	m2	30.02	32.75		
07-17-b	Add extra on item No. 07-16 for pacca brick work in Second floor	100 Sft	651.00	676.41	m2	70.05	72.78		
07-17-c	Add extra on item No. 07-16 for pacca brick work in Third floor	100 Sft	1,023.00	1,054.76	m2	110.07	113.49		
07-17-d	Add extra on item No. 07-16 for pacca brick work in Fourth & subsequent floors.	100 Sft	1,674.00	1,718.47	m2	180.12	184.91		
07-18-a	Perf. pacca brick wall 1 brick thick in ground floor : Mud mortar	100 Sft	2,265.48	7,435.96	m2	243.77	800.11		
07-18-b-01	Perf. pacca brick wall 1 brick thick in ground floor : Cement, sand mortar 1:2	100 Sft	2,909.04	10,235.59	m2	313.01	1,101.35		
07-18-b-02	Perf. pacca brick wall 1 brick thick in ground floor : Cement, sand mortar 1:3	100 Sft	2,909.04	9,742.51	m2	313.01	1,048.29		
07-18-b-03	Perf. pacca brick wall 1 brick thick in ground floor : Cement, sand mortar 1:4	100 Sft	2,909.04	9,446.67	m2	313.01	1,016.46		
07-18-b-04	Perf. pacca brick wall 1 brick thick in ground floor : Cement, sand mortar 1:5	100 Sft	2,909.04	9,249.44	m2	313.01	995.24		
07-18-b-05	Perf. pacca brick wall 1 brick thick in ground floor : Cement, sand mortar 1:6	100 Sft	2,909.04	9,110.29	m2	313.01	980.27		
07-18-b-06	Perf. pacca brick wall 1 brick thick in ground floor : Cement, sand mortar 1:7	100 Sft	2,909.04	9,003.01	m2	313.01	968.72		
07-18-b-07	Perf. pacca brick wall 1 brick thick in ground floor : Cement, sand mortar 1:8	100 Sft	2,909.04	8,919.13	m2	313.01	959.70		
07-18-c-01	Perf. pacca brick wall 1 brick thick in ground floor : Lime, cement, sand mortar 1:1:6	100 Sft	2,909.04	9,272.43	m2	313.01	997.71		
07-18-c-02	Perf. pacca brick wall 1 brick thick in ground floor : Lime, cement, sand mortar 1:1:7	100 Sft	2,909.04	9,160.04	m2	313.01	985.62		
07-18-c-03	Perf. pacca brick wall 1 brick thick in ground floor : Lime, cement, sand mortar 1:1:8	100 Sft	2,909.04	9,082.10	m2	313.01	977.23		
07-18-c-04	Perf. pacca brick wall 1 brick thick in ground floor : Lime, cement, sand mortar 1:1:9	100 Sft	2,909.04	9,000.91	m2	313.01	968.50		
07-18-c-05	Perf. pacca brick wall 1 brick thick in ground floor : Lime, cement, sand mortar 1:1:10	100 Sft	2,909.04	8,946.99	m2	313.01	962.70		
07-18-d	Perf. pacca brick wall 1 brick thick in ground floor : Lime, sand mortar 1:2	100 Sft	2,909.04	8,865.34	m2	313.01	953.91		
07-19-a	Add extra on item No. 07-18 for perf. pacca brick work in First floor	100 Sft	420.36	420.36	m2	45.23	45.23		
07-19-b	Add extra on item No. 07-18 for perf. pacca brick work in Second floor	100 Sft	1,302.00	1,302.00	m2	140.10	140.10		
07-19-c	Add extra on item No. 07-18 for perf. pacca brick work in Third floor	100 Sft	2,325.00	2,325.00	m2	250.17	250.17		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
07-19-d	Add extra on item No. 07-18 for perf. pacca brck work in Fourth & subsequent floors	100 Sft	3,348.00	3,348.00	m2	360.24	360.24		
07-20-a	Fire brick masonry in fire-clay mortar Upto 20 ft. height including all charges	100 Cft	3,906.00	20,683.26	m3	1,379.39	7,304.23		
07-20-b	Fire brick masonry in fire-clay mortar. Extra for every 5 ft. additional height, or part thereof	100 Cft	558.00	621.53	m3	197.06	219.49		
07-21-a	1st class brick wall laid in 1:3 c/s mortar reinfd 4.5" thick wall with hoop iron bonding 6" apart	100 Sft	1,351.85	6,644.44	m2	145.46	714.94		
07-21-b	1st class brick wall laid in 1:3 c/s mortar reinfd 4.5" thick wall with hoop iron bonding 12" apart	100 Sft	1,351.85	6,636.67	m2	145.46	714.11		
07-21-c	1st class brick wall laid in 1:3 c/s mortar reinfd 3" thick wall with hoop iron bonding 6" apart	100 Sft	1,054.25	4,688.90	m2	113.44	504.53		
07-21-d	1st class brick wall laid in 1:3 c/s mortar reinfd 3" thick wall with hoop iron banding 12" apart	100 Sft	1,078.80	4,705.68	m2	116.08	506.33		
07-22	Ghilafi work (1.5 brick thick wall)	100 Cft	4,278.00	11,913.25	m3	1,510.76	4,207.13		
07-23	Dry brick pitching	100 Cft	1,488.00	11,724.60	m3	525.48	4,140.51		
07-24	Sun dried bricks in mud mortar	100 Cft	2,511.00	7,670.14	m3	886.75	2,708.69		
07-25	Pise wall (mud walling)	100 Cft	1,116.00	2,177.77	m3	394.11	769.07		
07-26-a	Eave brick moulded in 1:3 c/s mortar 3" thick drip course cornice	100 Rft	2,046.00	4,968.15	m	67.13	163.00		
07-26-b	Eave brick moulded in 1:3 c/s mortar 4.5" thick drip course cornice	100 Rft	2,325.00	6,415.40	m	76.28	210.48		
07-26-c	Eave brick moulded in 1:3 c/s mortar 4.5" thick eave brick with back brick	100 Rft	1,953.00	6,123.43	m	64.07	200.90		
07-27-a	Laying dressed or moulded brick cornices in c/s mortar, plaster or paint (1 brick)	100 Rft	2,325.00	3,832.66	m	76.28	125.74		
07-27-b	Laying dressed or moulded brick cornices c/s mortar, plaster or paint (2 brick)	100 Rft	3,441.00	8,068.04	m	112.89	264.70		
07-27-c	Laying dressed or moulded brick cornices c/s mortar, plaster or paint (3 brick)	100 Rft	4,586.76	12,626.00	m	150.48	414.24		
07-27-d	Laying dressed or moulded brick cornices c/s mortar, plaster or paint (4 brick)	100 Rft	5,766.00	17,234.38	m	189.17	565.43		
07-28	Cleaning bricks dismantled from kacha pacca masonry	1000 No.	372.00	372.00	1000 No.	372.00	372.00		
07-29	Scraping bricks dismantled from pacca masonry	1000 No.	744.00	744.00	1000 No.	744.00	744.00		
07-30	Supplying and filling sand under floor or plugging in wells	100 Cft	114.20	2,510.00	m3	40.33	886.40		
07-31	Provide & lay 2" thick & 15" projected tile band, laid in 1:2 c/s mortar	100 Rft	5,766.00	7,204.29	m	189.17	236.36		
07-32-a	First class brick tiles clad by laying tiles in stretcher course, in cement sand mortar 1:3	100 Sft	1,525.20	6,195.60	m2	164.11	666.65		This item is to be executed only on the written orders of Superintending Engineer.

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
07-32-b	First class brick tiles clad by laying tiles in stretcher course, in cement sand mortar 1:4	100 Sft	1,525.20	6,041.52	m2	164.11	650.07		
07-33	Chamfering sides of head regulators and masonry walls to increase width	100 Sft	4,459.54	4,459.54	m2	479.85	479.85		
07-34	Replacing kallar eaten bricks	Each	22.32	29.58	Each	22.32	29.58		
07-35	Repairing corners of bridges & other hydraulic masonry works	Each	279.00	279.00	Each	279.00	279.00		
07-36	Extra labour for drains of bath rooms etc	100 Rft	3,333.49	3,333.49	m	109.37	109.37		Payable in addition to brickwork
07-37	Maroo corners	Each	145.08	145.08	Each	145.08	145.08		Payable in addition to brickwork
07-38-a	Masonry with Facing/Machine/Special Bricks in cement sand mortar 1:2 upto 10 ft. height	100Cft	4,028.76	23,836.59	m3	1,422.74	8,417.82		
07-38-b	Masonry using Facing/Machine/Special bricks in cement sand mortar 1:3 upto 10 ft. height	100Cft	3,935.76	22,757.53	m3	1,389.90	8,036.75		
07-38-c	Masonry using Facing/Machine/Special bricks in cement sand mortar 1:4 upto 10 ft. height	100Cft	3,935.76	22,165.62	m3	1,389.90	7,827.72		
07-39	Add extra on Item 07-38 for every 10 ft additional height or part thereof	100Cft	199.02	207.28	m3	70.28	73.20		
07-40	Masonry with Machine/Special Bricks in 1:3 c/s mortar in circular core wall of Overhead Reservoir	100Cft	6,956.40	27,754.58	m3	2,456.63	9,801.45		
07-41-a	Hollow Block Masonry in walls upto 20 feet height in 1:2 cement sand mortar using Hollow Block 16"x8"x8" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,046.00	17,304.10	m3	722.54	6,110.89		
07-41-b	Hollow Block Masonry in walls upto 20 feet height in 1:3 cement sand mortar using Hollow Block 16"x8"x8" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,046.00	16,816.47	m3	722.54	5,938.69		
07-41-c	Hollow Block Masonry in walls upto 20 feet height in 1:4 cement sand mortar using Hollow Block 16"x8"x8" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,046.00	16,515.18	m3	722.54	5,832.29		
07-41-d	Hollow Block Masonry in walls upto 20 feet height in 1:5 cement sand mortar using Hollow Block 16"x8"x8" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,046.00	16,317.95	m3	722.54	5,762.64		
07-41-e	Hollow Block Masonry in walls upto 20 feet height in 1:6 cement sand mortar using Hollow Block 16"x8"x8" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,046.00	16,196.59	m3	722.54	5,719.78		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
07-41-f	Hollow Block Masonry in walls upto 20 feet height in 1:7 cement sand mortar using Hollow Block 16"x8"x8" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,046.00	16,075.22	m3	722.54	5,676.92		
07-41-g	Hollow Block Masonry in walls upto 20 feet height in 1:8 cement sand mortar using Hollow Block 16"x8"x8" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,046.00	15,986.77	m3	722.54	5,645.68		
07-42-a	Hollow Block Masonry in walls upto 20 feet height in 1:2 cement sand mortar using Hollow Block 16"x8"x6" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,377.08	19,565.13	m3	839.46	6,909.37		
07-42-b	Hollow Block Masonry in walls upto 20 feet height in 1:3 cement sand mortar using Hollow Block 16"x8"x6" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,377.08	18,973.44	m3	839.46	6,700.41		
07-42-c	Hollow Block Masonry in walls upto 20 feet height in 1:4 cement sand mortar using Hollow Block 16"x8"x6" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,377.08	18,618.43	m3	839.46	6,575.04		
07-42-d	Hollow Block Masonry in walls upto 20 feet height in 1:5 cement sand mortar using Hollow Block 16"x8"x6" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,377.08	18,381.75	m3	839.46	6,491.46		
07-42-e	Hollow Block Masonry in walls upto 20 feet height in 1:6 cement sand mortar using Hollow Block 16"x8"x6" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,377.08	18,213.56	m3	839.46	6,432.06		
07-42-f	Hollow Block Masonry in walls upto 20 feet height in 1:7 cement sand mortar using Hollow Block 16"x8"x6" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,377.08	18,089.17	m3	839.46	6,388.14		
07-42-g	Hollow Block Masonry in walls upto 20 feet height in 1:8 cement sand mortar using Hollow Block 16"x8"x6" factory manufactured with 1.5" wall thickness and strenght of 1900 psi.	100Cft	2,377.08	17,987.29	m3	839.46	6,352.16		
07-43-a	Hollow Block Masonry in walls upto 20 feet height in 1:2 cement sand mortar using Hollow Block 16"x8"x4" factory manufactured with 1.25" wall thickness and strenght of 1900 psi.	100Cft	2,745.36	25,190.26	m3	969.52	8,895.87		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
07-43-b	Hollow Block Masonry in walls upto 20 feet height in 1:3 cement sand mortar using Hollow Block 16"x8"x4" factory manufactured with 1.25" wall thickness and strenght of 1900 psi.	100Cft	2,745.36	24,501.04	m3	969.52	8,652.47		
07-43-c	Hollow Block Masonry in walls upto 20 feet height in 1:4 cement sand mortar using Hollow Block 16"x8"x4" factory manufactured with 1.25" wall thickness and strenght of 1900 psi.	100Cft	2,745.36	24,085.77	m3	969.52	8,505.82		
07-43-d	Hollow Block Masonry in walls upto 20 feet height in 1:5 cement sand mortar using Hollow Block 16"x8"x4" factory manufactured with 1.25" wall thickness and strenght of 1900 psi.	100Cft	2,745.36	23,809.64	m3	969.52	8,408.30		
07-43-e	Hollow Block Masonry in walls upto 20 feet height in 1:6 cement sand mortar using Hollow Block 16"x8"x4" factory manufactured with 1.25" wall thickness and strenght of 1900 psi.	100Cft	2,745.36	23,617.62	m3	969.52	8,340.49		
07-43-f	Hollow Block Masonry in walls upto 20 feet height in 1:7 cement sand mortar using Hollow Block 16"x8"x4" factory manufactured with 1.25" wall thickness and strenght of 1900 psi.	100Cft	2,745.36	23,469.39	m3	969.52	8,288.14		
07-43-g	Hollow Block Masonry in walls upto 20 feet height in 1:8 cement sand mortar using Hollow Block 16"x8"x4" factory manufactured with 1.25" wall thickness and strenght of 1900 psi.	100Cft	2,745.36	23,346.70	m3	969.52	8,244.82		
07-44-a	Solid Block Masonry in walls upto 20 feet height in 1:2 cement sand mortar using 16"x8"x8" factory manufactured solid blocks with strength of 2100 psi.	100Cft	2,046.00	16,275.60	m3	722.54	5,747.68		
07-44-b	Solid Block Masonry in walls upto 20 feet height in 1:3 cement sand mortar using 16"x8"x8" factory manufactured solid blocks with strength of 2100 psi.	100Cft	2,046.00	15,787.97	m3	722.54	5,575.47		
07-44-c	Solid Block Masonry in walls upto 20 feet height in 1:4 cement sand mortar using 16"x8"x8" factory manufactured solid blocks with strength of 2100 psi.	100Cft	2,046.00	15,486.68	m3	722.54	5,469.07		
07-44-d	Solid Block Masonry in walls upto 20 feet height in 1:5 cement sand mortar using 16"x8"x8" factory manufactured solid blocks with strength of 2100 psi.	100Cft	2,046.00	15,289.45	m3	722.54	5,399.42		
07-44-e	Solid Block Masonry in walls upto 20 feet height in 1:6 cement sand mortar using 16"x8"x8" factory manufactured solid blocks with strength of 2100 psi.	100Cft	2,046.00	15,168.09	m3	722.54	5,356.57		
07-44-f	Solid Block Masonry in walls upto 20 feet height in 1:7 cement sand mortar using 16"x8"x8" factory manufactured solid blocks with strength of 2100 psi.	100Cft	2,046.00	15,046.72	m3	722.54	5,313.70		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
07-44-g	Solid Block Masonry in walls upto 20 feet height in 1:8 cement sand mortar using 16"x8"x8" factory manufactured solid blocks with strength of 2100 psi.	100Cft	2,046.00	14,958.27	m3	722.54	5,282.47		
07-45-a	Solid Block Masonry in walls upto 20 feet height in 1:2 cement sand mortar using 16"x8"x6" factory manufactured solid blocks with strength of 1900 psi.	100Cft	2,377.08	18,203.88	m3	839.46	6,428.65		
07-45-b	Solid Block Masonry in walls upto 20 feet height in 1:3 cement sand mortar using 16"x8"x6" factory manufactured solid blocks with strength of 1900 psi.	100Cft	2,377.08	17,612.19	m3	839.46	6,219.69		
07-45-c	Solid Block Masonry in walls upto 20 feet height in 1:4 cement sand mortar using 16"x8"x6" factory manufactured solid blocks with strength of 1900 psi.	100Cft	2,377.08	17,257.18	m3	839.46	6,094.32		
07-45-d	Solid Block Masonry in walls upto 20 feet height in 1:5 cement sand mortar using 16"x8"x6" factory manufactured solid blocks with strength of 1900 psi.	100Cft	2,377.08	17,020.50	m3	839.46	6,010.74		
07-45-e	Solid Block Masonry in walls upto 20 feet height in 1:6 cement sand mortar using 16"x8"x6" factory manufactured solid blocks with strength of 1900 psi.	100Cft	2,377.08	16,852.31	m3	839.46	5,951.34		
07-45-f	Solid Block Masonry in walls upto 20 feet height in 1:7 cement sand mortar using 16"x8"x6" factory manufactured solid blocks with strength of 1900 psi.	100Cft	2,377.08	16,727.92	m3	839.46	5,907.41		
07-45-g	Solid Block Masonry in walls upto 20 feet height in 1:8 cement sand mortar using 16"x8"x6" factory manufactured solid blocks with strength of 1900 psi.	100Cft	2,377.08	16,626.04	m3	839.46	5,871.44		
07-46-a	Solid Block Masonry in walls upto 20 feet height in 1:2 cement sand mortar using 16"x8"x4" factory manufactured solid blocks with strength of 1800 psi.	100Cft	2,745.36	22,277.18	m3	969.52	7,867.12		
07-46-b	Solid Block Masonry in walls upto 20 feet height in 1:3 cement sand mortar using 16"x8"x4" factory manufactured solid blocks with strength of 1800 psi.	100Cft	2,745.36	21,587.96	m3	969.52	7,623.72		
07-46-c	Solid Block Masonry in walls upto 20 feet height in 1:4 cement sand mortar using 16"x8"x4" factory manufactured solid blocks with strength of 1800 psi.	100Cft	2,745.36	21,172.69	m3	969.52	7,477.07		
07-46-d	Solid Block Masonry in walls upto 20 feet height in 1:5 cement sand mortar using 16"x8"x4" factory manufactured solid blocks with strength of 1800 psi.	100Cft	2,745.36	20,896.57	m3	969.52	7,379.56		
07-46-e	Solid Block Masonry in walls upto 20 feet height in 1:6 cement sand mortar using 16"x8"x4" factory manufactured solid blocks with strength of 1800 psi.	100Cft	2,745.36	20,704.54	m3	969.52	7,311.75		
07-46-f	Solid Block Masonry in walls upto 20 feet height in 1:7 cement sand mortar using 16"x8"x4" factory manufactured solid blocks with strength of 1800 psi.	100Cft	2,745.36	20,556.32	m3	969.52	7,259.40		

Chapter # 07 BRICK MASONRY

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
07-46-g	Solid Block Masonry in walls upto 20 feet height in 1:8 cement sand mortar using 16"x8"x4" factory manufactured solid blocks with strength of 1800 psi.	100Cft	2,745.36	20,433.63	m3	969.52	7,216.08		

Chapter # 08 STONE MASONRY

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
08-01-a	Random rubble masonry in foundn. & plinth Dry masonry.	100 Cft	2,604.00	6,984.20	m3	919.59	2,466.45		
08-01-b	Random rubble masonry in foundn. & plinth in mud mortar	100 Cft	3,255.00	8,125.25	m3	1,149.49	2,869.41		
08-01-c-01	Random rubble masonry (Un coursed) in foundn. & plinth in lime, sand mortar 1:2	100 Cft	5,022.00	11,870.60	m3	1,773.50	4,192.07		
08-01-c-02	Random rubble masonry (Un coursed) in foundn. & plinth in lime, sand mortar, Surkhi Ratio 1:1:1	100 Cft	5,022.00	11,556.61	m3	1,773.50	4,081.18		
08-01-c-03	Random rubble masonry (Un coursed) in foundn. & plinth in lime, Surkhi Ratio 1:2	100 Cft	5,022.00	11,242.61	m3	1,773.50	3,970.29		
08-01-d-01	Random rubble masonry in foundn. & plinth in cement, sand mortar : Ratio 1:3	100 Cft	5,022.00	14,819.97	m3	1,773.50	5,233.63		
08-01-d-02	Random rubble masonry in foundn. & plinth in cement, sand mortar : Ratio 1:4	100 Cft	5,022.00	13,932.44	m3	1,773.50	4,920.20		
08-01-d-03	Random rubble masonry in foundn. & plinth in cement, sand mortar : Ratio 1:6	100 Cft	5,022.00	12,916.60	m3	1,773.50	4,561.46		
08-01-d-04	Random rubble masonry in foundn. & plinth in cement, sand mortar : Ratio 1:8	100 Cft	5,022.00	12,354.60	m3	1,773.50	4,362.99		
08-02-a	Coursed rubble masonry in foundn. & plinth dry masonry.	100 Cft	3,348.00	7,728.20	m3	1,182.34	2,729.19		
08-02-b	Coursed rubble masonry in foundn. & plinth in mud mortar	100 Cft	4,650.00	9,520.25	m3	1,642.13	3,362.05		
08-02-c-01	Coursed rubble masonry (Hammer Dressed) in foundn. & plinth in lime, sand mortar 1:2	100 Cft	5,673.00	12,246.40	m3	2,003.40	4,324.78		
08-02-c-02	Coursed rubble masonry (Hammer Dressed) in foundn. & plinth in lime, sand mortar, Surkhi Ratio 1:1:1	100 Cft	5,673.00	12,529.79	m3	2,003.40	4,424.86		
08-02-c-03	Coursed rubble masonry (Hammer Dressed) in foundn. & plinth in lime, Surkhi Ratio 1:2	100 Cft	5,673.00	12,250.76	m3	2,003.40	4,326.32		
08-02-d-01	Coursed rubble masonry (Hammer Dressed) in foundn. & plinth in cement,sand mortar : Ratio 1:3	100 Cft	5,673.00	15,431.65	m3	2,003.40	5,449.64		
08-02-d-02	Coursed rubble masonry (Hammer Dressed) in foundn. & plinth in cement,sand mortar : Ratio 1:4	100 Cft	5,673.00	14,642.73	m3	2,003.40	5,171.04		
08-02-d-03	Coursed rubble masonry (Hammer Dressed) in foundn. & plinth in cement,sand mortar : Ratio 1:6	100 Cft	5,673.00	13,734.14	m3	2,003.40	4,850.17		
08-02-d-04	Coursed rubble masonry (Hammer Dressed) in foundn. & plinth in cement,sand mortar : Ratio 1:8	100 Cft	5,673.00	13,243.49	m3	2,003.40	4,676.90		
08-03-a	Random rubble masonry in ground floor Dry masonry.	100 Cft	2,976.00	7,356.20	m3	1,050.97	2,597.82		
08-03-b	Random rubble masonry in ground floor in mud mortar	100 Cft	3,906.00	8,653.74	m3	1,379.39	3,056.04		
08-03-c-01	Random rubble masonry in ground floor in lime, sand mortar 1:2	100 Cft	5,487.00	12,335.60	m3	1,937.72	4,356.28		
08-03-c-02	Random rubble masonry in ground floor in lime, sand mortar, Surkhi Ratio 1:1:1	100 Cft	5,487.00	12,021.61	m3	1,937.72	4,245.40		
08-03-c-03	Random rubble masonry in ground floor in lime, Surkhi Ratio 1:2	100 Cft	5,487.00	11,707.61	m3	1,937.72	4,134.51		
08-03-d-01	Random rubble masonry in ground floor in cement,sand mortar : Ratio 1:3	100 Cft	5,487.00	15,284.97	m3	1,937.72	5,397.84		

Chapter # 08 STONE MASONRY

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
08-03-d-02	Random rubble masonry in ground floor in cement,sand mortar : Ratio 1:4	100 Cft	5,487.00	14,397.44	m3	1,937.72	5,084.41		
08-03-d-03	Random rubble masonry in ground floor in cement,sand mortar : Ratio 1:6	100 Cft	5,487.00	13,381.60	m3	1,937.72	4,725.67		
08-03-d-04	Random rubble masonry in ground floor in cement,sand mortar : Ratio 1:8	100 Cft	5,487.00	12,819.60	m3	1,937.72	4,527.20		
08-04-a	Coursed rubble masonry in ground floor Dry masonry.	100 Cft	3,906.00	8,286.20	m3	1,379.39	2,926.25		
08-04-b	Coursed rubble masonry in ground floor in mud mortar	100 Cft	6,138.00	10,885.74	m3	2,167.62	3,844.27		
08-04-c-01	Coursed rubble masonry in ground floor in lime, sand mortar 1:2	100 Cft	6,417.00	12,988.22	m3	2,266.14	4,586.75		
08-04-c-02	Coursed rubble masonry in ground floor in lime, sand mortar, Surkhi Ratio 1:1:1	100 Cft	6,417.00	13,273.79	m3	2,266.14	4,687.60		
08-04-c-03	Coursed rubble masonry in ground floor in lime, Surkhi Ratio 1:2	100 Cft	6,417.00	12,994.68	m3	2,266.14	4,589.03		
08-04-d-01	Coursed rubble masonry in ground floor in cement,sand mortar : Ratio 1:3	100 Cft	6,417.00	16,175.65	m3	2,266.14	5,712.38		
08-04-d-02	Coursed rubble masonry in ground floor in cement,sand mortar : Ratio 1:4	100 Cft	6,417.00	15,386.73	m3	2,266.14	5,433.78		
08-04-d-03	Coursed rubble masonry in ground floor in cement,sand mortar : Ratio 1:6	100 Cft	6,417.00	14,482.50	m3	2,266.14	5,114.45		
08-04-d-04	Coursed rubble masonry in ground floor in cement,sand mortar : Ratio 1:8	100 Cft	6,417.00	14,009.27	m3	2,266.14	4,947.33		
08-05-a-01	Ashlar block masonry in ground floor in lime, sand mortar 1:2	100 Cft	17,856.00	27,676.26	m3	6,305.79	9,773.79		
08-05-a-02	Ashlar block masonry in ground floor in lime, sand mortar, Surkhi Ratio 1:1:1	100 Cft	17,856.00	27,466.93	m3	6,305.79	9,699.86		
08-05-a-03	Ashlar block masonry in ground floor in lime, Surkhi Ratio 1:2	100 Cft	17,856.00	27,257.60	m3	6,305.79	9,625.94		
08-05-b-01	Ashlar block masonry in ground floor in cement,sand mortar : Ratio 1:3	100 Cft	17,856.00	29,642.51	m3	6,305.79	10,468.16		
08-05-b-02	Ashlar block masonry in ground floor in cement,sand mortar : Ratio 1:4	100 Cft	17,856.00	29,050.82	m3	6,305.79	10,259.21		
08-05-b-03	Ashlar block masonry in ground floor in cement,sand mortar : Ratio 1:6	100 Cft	17,856.00	28,380.24	m3	6,305.79	10,022.40		
08-06-a-01	Ashlar fine masonry in ground floor in lime, sand mortar 1:2	100 Cft	34,782.00	46,379.81	m3	12,283.16	16,378.89		
08-06-a-02	Ashlar fine masonry in ground floor in lime, sand mortar, Surkhi Ratio 1:1:1	100 Cft	34,782.00	46,275.15	m3	12,283.16	16,341.93		
08-06-a-03	Ashlar fine masonry in ground floor in lime, Surkhi Ratio 1:2	100 Cft	34,782.00	46,170.48	m3	12,283.16	16,304.97		
08-06-b-01	Ashlar fine masonry in ground floor in cement,sand mortar : Ratio 1:3	100 Cft	34,782.00	47,362.94	m3	12,283.16	16,726.08		

Chapter # 08 STONE MASONRY

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
08-06-b-02	Ashlar fine masonry in ground floor in cement,sand mortar : Ratio 1:4	100 Cft	34,782.00	47,067.09	m3	12,283.16	16,621.60		
08-06-b-03	Ashlar fine masonry in ground floor in cement,sand mortar : Ratio 1:6	100 Cft	34,782.00	46,736.79	m3	12,283.16	16,504.96		
08-07-a	Extra labour on items 08-03-a-01 to 08-06-b-03 for work in First floor	100 Cft	799.80	799.80	m3	282.45	282.45		
08-07-b	Extra labour on items 08-03-a-01 to 08-06-b-03 for work in Second floor	100 Cft	1,860.00	1,860.00	m3	656.85	656.85		
08-07-c	Extra labour on items 08-03-a-01 to 08-06-b-03 for work in Third floor	100 Cft	2,938.80	2,938.80	m3	1,037.83	1,037.83		
08-07-d	Extra labour on items 08-03-a-01 to 08-06-b-03 for work in Fourth & subsequent floors	100 Cft	4,687.20	4,687.20	m3	1,655.27	1,655.27		
08-08	Extra labour on items 08-03-a-01 to 08-06-b-03 for every 5' additional height, other than building	100 Cft	744.00	744.00	m3	262.74	262.74		
08-09	Extra labour for arch work in stone masonry including centring & decentring etc.	100 Cft	2,976.00	2,976.00	m3	1,050.97	1,050.97		
08-10-a	Extra labour for coping & caps etc	100 Cft	14,880.00	14,880.00	m3	5,254.83	5,254.83		
08-10-b	Extra labour for cornice & string course	100 Cft	14,880.00	14,880.00	m3	5,254.83	5,254.83		
08-11-a	Dressing stones : Hammer dressed	100 Sft	4,650.00	4,650.00	m2	500.34	500.34		a) This rate of dressing shall be paid only when supply of undressed stone is made
08-11-b	Dressing stones : Rough tooled dressed	100 Sft	8,928.00	8,928.00	m2	960.65	960.65		b) In case of masonry, dressing is already included and this rate shall not be added thereto
08-11-c	Dressing stones : Chisel dressed	100 Sft	10,788.00	10,788.00	m2	1,160.79	1,160.79		c) Only dressed surface of stone shall be measured
08-11-d	Dressing stones : Fine dressed	100 Sft	23,436.00	23,436.00	m2	2,521.71	2,521.71		
08-12	Dhajji walling 5"x5" thick deodar framing with stone laid in 1:6 c/s mortar & 1:4 c/s plaster	100 Sft	6,993.60	15,275.65	m2	752.51	1,643.66		
08-13	Provide & fix stone blocks from 2 cft. to 6 cft. each, including lift upto 20 ft.	100 Cft	26,164.00	30,520.00	m3	9,239.74	10,778.05		
08-14	Providing and fixing stone blocks, under 2 cft. each, including lift upto 20 ft.	100 Cft	12,276.00	16,632.00	m3	4,335.23	5,873.54		
08-15	Provide & lay stone/boulder dry hand packed as filling behind retaining walls or in pitching	100 Cft	744.00	5,644.50	m3	262.74	1,993.34		

Chapter # 09 ROOFING

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
09-01	First class tile roofing including earth, mud plaster, gobri leeping, cement plaster etc complete	100 Sft	5,412.60	14,590.35	m2	582.40	1,569.92		Add extra 13%, 32% and 51% on labour rates only are 6%, 15% and 23% on composite rates for 2nd, 3rd, 4th and subsequent floors respectively.
09-02	Second class tile roofing consisting of 4" earth and 1" mud plaster with gobri leeping etc	100 Sft	4,092.00	9,019.79	m2	440.30	970.53		ditto
09-03	Covering mud roof with coal tar and fine sand	100 Sft	182.28	954.68	m2	19.61	102.72		ditto
09-04-a	Filling spaces in between wooden battens over beams, filled with deodar wood pieces	100 Sft	558.00	2,538.77	m2	60.04	273.17		ditto
09-04-b	Filling spaces in between RCC battens, filled with PCC block 1:3:6	100 Sft	792.36	1,200.73	m2	85.26	129.20		
09-04-c	Filling spaces in between spacers filled with bricks	100 Sft	226.92	679.46	m2	24.42	73.11		
09-05	Single layer of tiles 10"x5"x1.25" laid over 4" earth and 1" mud plaster on top of RC roof slab	100 Sft	1,674.00	9,041.43	m2	180.12	972.86		Add extra 13%, 32% and 51% on labour rates only are 6%, 15% and 23% on composite rates for 2nd, 3rd, 4th and subsequent floors respectively.
09-06-a	Jack arch roof 4.5" thick laid in 1:5 c/s mortar a) cement concrete in haunches 1:6:12	100 Sft	5,952.00	16,269.13	m2	640.44	1,750.56		a) For steel part and its erection etc. Item No 25-10 and 25-14 be reffered b) Add extra 13%, 32% and 51% on labour rates only or 6%, 15% and 23% on composite rates for 2nd, 3rd, 4th and subsequent floors respectively.
09-06-b	Jack arch roof 4.5" thick laid in 1:5 c/s mortar b) cement concrete in haunches 1:3:6	100 Sft	5,952.00	17,437.26	m2	640.44	1,876.25		

Chapter # 09 ROOFING

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
09-07-a	Jack arch roofing 4.5"thick laid in 1:5 c/s mortar complete. Cement concrete in haunches 1:6:12	100 Sft	4,836.00	14,980.28	m2	520.35	1,611.88		a) For steel part and its erection etc. Item No 25-10 and 25-14 be reffered b) Add extra 13%, 32% and 51% on labour rates only or 6%, 15% and 23% on composite rates for 2nd, 3rd, 4th and subsequent floors respectively.
09-07-b	Jack arch roofing 4.5"thick laid in 1:5 cement mortar, including complete. Cement concrete in haunches 1:3:6	100 Sft	4,836.00	16,039.27	m2	520.35	1,725.83		
09-08	Extra for vaulted jack arch roofing	100 Sft	1,488.00	1,488.00	m2	160.11	160.11		ditto
09-09	Jack arch roofing of shingle & cement concrete 1:3:6, 4.5" at crown & 1/2" cem. plaster complete	100 Sft	4,836.00	9,389.71	m2	520.35	1,010.33		
09-10-a	Earth filling over roof including watering, ramming etc 3" thick earth filling and 1" mud plaster	100 Sft	505.92	1,063.91	m2	54.44	114.48		Add extra 13%, 32% and 51% on labour rates only are 6%, 15% and 23% on composite rates for 2nd, 3rd, 4th and subsequent floors respectively.
09-10-b	Earth filling over roof including watering, ramming etc 4" thick earth filling and 1" mud plaster	100 Sft	528.24	1,167.91	m2	56.84	125.67		
09-11	1/8" thick gobri leeping on roofs or floors	100 Sft	111.60	149.26	m2	12.01	16.06		ditto
09-12	2 coats of bitumen laid hot using 34 lbs. for %sft over roof & blinded with sand at 1 cft per % sft	100 Sft	372.00	1,793.15	m2	40.03	192.94		
09-13-a	Supply & fix corrugated GI sheet with GI bolts, nuts, limpet etc. complete : 20 BWG	100 Sft	1,116.00	15,993.19	m2	120.08	1,720.87		Add extra 13%, 32% and 51% on labour rates only are 6%, 15% and 23% on composite rates for 2nd, 3rd, 4th and subsequent floors respectively.
09-13-b	Supply & fix corrugated GI sheet with GI bolts, nuts, limpet etc. complete : 22 BWG	100 Sft	1,116.00	13,873.27	m2	120.08	1,492.76		
09-13-c	Supply & fix corrugated GI sheet with GI bolts, nuts, limpet etc. complete : 24 BWG	100 Sft	1,116.00	11,488.36	m2	120.08	1,236.15		
09-14	Khassi parnalas in c/s mortar 1:2, 12" outside width finished smooth with a floating coat	Rft	65.10	89.03	m	213.58	292.09		ditto
09-15	Khuras on roof 2'x2'x6"	Each	241.80	485.01	Each	241.80	485.01		ditto

Chapter # 09 ROOFING

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
09-16	Bottom khuras of brick masonry in c/s mortar 1:6,4'x2'x4.5" over 3" cem. concrete 1:4:8	Each	241.80	813.28	Each	241.80	813.28		ditto
09-17-a	Plain GI sheets 22 SWG rain water down pipe a) 4" diameter down pipe	Rft	56.71	169.38	m	186.05	555.72		ditto
09-17-b	Plain GI sheets 22 SWG rain water down pipe b) 5" diameter down pipe	Rft	56.71	193.22	m	186.05	633.91		
09-18	Plain galvanized iron sheet flashing, 22 guage	100 Sft	7,052.79	13,406.24	m2	758.88	1,442.51		ditto
09-19-a	Cast iron rain water down pipe fixed in position excluding heads & shoes : 4" dia	Rft	37.83	600.49	m	124.12	1,970.10		ditto
09-19-b	Cast iron rain water down pipe fixed in position excluding heads & shoes : 3" dia	Rft	37.83	490.37	m	124.12	1,608.82		
09-20	Heads for cast iron rain water down pipe fixed in place including cost of clamp holdfast and painting	Each	167.40	1,584.53	Each	167.40	1,584.53		ditto
09-21	Shoes, bends or offsets for cast iron ran water down pipe, including fixing & painting	Each	93.00	1,510.13	Each	93.00	1,510.13		ditto
09-22	Plain GI sheet spouts fixed in position, including paint	Each	186.00	387.32	Each	186.00	387.32		ditto
09-23	Laying 1/2" thick deodar ceiling complete, including sawing, planing & fixing	100 Sft	4,092.00	19,608.23	m2	440.30	2,109.85		ditto
09-24-a	Flat sheet roof with GI plain sheets, including batten rolls, screws, clips etc : 22 BWG	100 Sft	2,883.00	15,900.03	m2	310.21	1,710.84		
09-24-b	Flat sheet roof with GI plain sheets, including batten rolls, screws, clips etc : 24 BWG	100 Sft	2,883.00	14,403.43	m2	310.21	1,549.81		
09-25	Asbestos cement corrugated sheet roofing including overlaps, GI hooks, bolts, nuts etc	100 Sft	1,488.00	12,587.18	m2	160.11	1,354.38		
09-26	Extra labour for erection of GI sheets, flat sheet or asbestos sheet roofing above 20' height	100 Sft	260.40	260.40	m2	28.02	28.02		
09-27	Fixing asbestos cement sheet ridges and valleys 1/4" thick	100 RFT	1,860.00	6,915.77	m	61.02	226.90		
09-28-a	Plain GI sheet ridging including fixture complete 6" lap & 18" overall of 22 gauge GI sheet ridging	Rft	68.05	461.17	m	223.26	1,513.01		
09-28-b	Plain GI sheet ridging including fixture complete 9" lap & 24" overall, of 24 gauge GI sheet ridging	Rft	68.05	457.74	m	223.26	1,501.76		
09-28-c	Plain GI sheet ridging including fixture complete 12" lap & 30 overall, of 22 gauge GI sheet ridging	Rft	68.05	523.98	m	223.26	1,719.10		
09-29	Plain 22 gauge GI sheet gutter semi circular 8" diameter	Rft	34.02	215.70	m	111.63	707.67		
09-30	Fixing water spouse or parnala.	Each	279.00	279.00	Each	279.00	279.00		
09-31	Making masonry ventilators in c/s mortar 1:4	Each	1,116.00	1,597.56	Each	1,116.00	1,597.56		
09-32	Making drip course 2"x1/2" under RCC slab edges in outer opening, in c/s mortar 1:2	Rft	8.05	9.30	m	26.42	30.50		
09-33	Supply and laying of twin GI sheet 20 SWG painted with bitumen & polythene fim complete	100 Sft	2,205.96	22,577.41	m2	237.36	2,429.33		
09-34-a	Provide & lay roof insulation complete with Thermopore sheet 1/2" thick	Sft	16.80	78.80	m2	180.79	847.91		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
09-34-b	Provide & lay roof insulation complete with Thermopore sheet 3/4" thick	Sft	16.80	85.89	m2	180.79	924.19		
09-34-c	Provide & lay roof insulation complete with Thermopore sheet 1" thick	Sft	16.80	94.36	m2	180.79	1,015.33		
09-35	Providing and fixing AC rain water down pipe 4" dia, with shoe, tee, bend & clamp etc	Rft	37.20	626.93	m	122.05	2,056.86		
09-36-a	Making jharries in existing brick masonry For slabs upto 6" thick	Rft	19.51	45.33	m	64.00	148.73		Rate shall be increased by 1.5 times for stone masonry or PCC and 2 times for RCC
09-36-b	Making jharries in existing brick masonry For slabs exceeding 6" to 12" thick	Rft	53.13	56.77	m	174.30	186.24		
09-37-a	Making recess in existing brick masonry a) upto 1.0' height of girder or beam	Each	204.60	231.05	Each	204.60	231.05		ditto
09-37-b	Making recess in existing brick masonry b) for every 6" additional height or part thereof	Each	83.70	98.89	Each	83.70	98.89		
09-38	Hoisting RS Beams & wooden beams and placing in position	Each	219.48	219.48	Each	219.48	219.48		
09-39	Hoisting and placing in position sahl ballies, over roof	Each	36.83	36.83	Each	36.83	36.83		
09-40-a	Hoist precast RCC/pre-stressed conc. battens a) From 5' to 6' long	Each	31.25	31.25	Each	31.25	31.25		
09-40-b	Hoist precast RCC/pre-stressed conc. battens b) Over 6' to 7' long	Each	46.50	46.50	Each	46.50	46.50		
09-40-c	Hoist precast RCC/pre-stressed conc. battens c) Over 7' to 8' long	Each	61.75	61.75	Each	61.75	61.75		
09-40-d	Hoist precast RCC/pre-stressed conc. battens d) Over 8' to 9' long	Each	74.40	74.40	Each	74.40	74.40		
09-40-e	Hoist precast RCC/pre-stressed conc. battens e) Exceeding 9' length	Each	93.00	93.00	Each	93.00	93.00		
09-41-a	Hoisting and placing in position RCC troughs Upto 10' in length	Each	93.00	93.00	Each	93.00	93.00		Applicable only to roof troughs (inverted tees and trough) for heights of first storey only
09-41-b	Hoisting and placing in position RCC troughs Upto 11' in length	Each	124.25	124.25	Each	124.25	124.25		
09-41-c	Hoisting and placing in position RCC troughs Upto 12' in length	Each	154.75	154.75	Each	154.75	154.75		
09-41-d	Hoisting and placing in position RCC troughs Upto 13' in length	Each	168.14	168.14	Each	168.14	168.14		
09-41-e	Hoisting and placing in position RCC troughs Upto 14' in length	Each	186.00	186.00	Each	186.00	186.00		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
09-41-f	Hoisting and placing in position RCC troughs Upto 15' in length	Each	204.60	204.60	Each	204.60	204.60		
09-41-g	Hoisting and placing in position RCC troughs Upto 16' in length	Each	232.50	232.50	Each	232.50	232.50		
09-41-h	Hoisting and placing in position RCC troughs Upto 17' in length	Each	264.86	264.86	Each	264.86	264.86		
09-41-i	Hoisting and placing in position RCC troughs Upto 18' in length	Each	310.25	310.25	Each	310.25	310.25		
09-41-j	Hoisting and placing in position RCC troughs Upto 19' in length	Each	372.00	372.00	Each	372.00	372.00		
09-41-k	Hoisting and placing in position RCC troughs Upto 20' in length	Each	465.00	465.00	Each	465.00	465.00		
09-42-a	Hoist & place in position RCC inverted battens Upto 10' span	Each	74.03	74.03	Each	74.03	74.03		
09-42-b	Hoist & place in position RCC inverted battens Upto 12' span	Each	148.06	148.06	Each	148.06	148.06		
09-42-c	Hoist & place in position RCC inverted battens Upto 13' span	Each	185.63	185.63	Each	185.63	185.63		
09-42-d	Hoist & place in position RCC inverted battens Upto 14' span	Each	223.20	223.20	Each	223.20	223.20		
09-42-e	Hoist & place in position RCC inverted battens Upto 15' span	Each	245.52	245.52	Each	245.52	245.52		
09-42-f	Hoist & place in position RCC inverted battens Upto 16' span	Each	279.00	279.00	Each	279.00	279.00		
09-42-g	Hoist & place in position RCC inverted battens Upto 18' span	Each	372.74	372.74	Each	372.74	372.74		
09-42-h	Hoist & place in position RCC inverted battens Upto 20' span	Each	558.00	558.00	Each	558.00	558.00		
09-43	RCC spout including fixing in position, with top and bottom khuras	Each	390.60	613.54	Each	390.60	613.54		
09-44	P/F Burnt Brick Tile Roofing over Tee Iron and Steel Girder, in 1:6 c/s mortar (12' max span)	100 Sft	3,598.17	32,684.56	m2	387.16	3,516.86		
09-45	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	Sft	31.81	178.58	m2	342.24	1,921.53		

Chapter # 10 FLOORING

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
10-01	Laying murum flooring complete as per specs	100 Sft	1,674.00	5,216.88	m2	180.12	561.34		
10-02	Earth flooring 6" thick consolidated layer of moistened earth, including ramming	100 Sft	558.00	1,320.30	m2	60.04	142.06		
10-03-a	Provide, lay, water & ram clean coarse sand under floor / brick paving, complete	100 Cft	2,200.75	2,970.68	m3	777.19	1,049.08		
10-03-b	Provide, lay, water & ram brick ballast 1.5" to 2" guage mixed with 25% sand for floor foundations	100 Cft	4,403.36	8,857.74	m3	1,555.03	3,128.08		
10-04	Mud floor of 6" thick consolidated layer of moist earth & finished off with 1" mud plaster	100 Sft	1,023.00	2,106.44	m2	110.07	226.65		
10-05	Dry brick paving laid flat,sand grouted, including prep. of bed, by 1/2" thick mud plaster	100 Sft	762.60	3,461.50	m2	82.06	372.46		
10-06	Dry brick on edge paving, sand grouted, including prep. of bed, by 1/2" thick mud plaster	100 Sft	1,078.80	5,069.98	m2	116.08	545.53		
10-07	Grouting 4.5" dry brick work with cement sand mortar 1:5	100 Sft	744.00	1,211.42	m2	80.05	130.35		
10-08	Flat brick flooring laid in 1:6 c/s mortar over a bed of 3/4" thick cement mortar 1:6	100 Sft	1,302.00	4,747.60	m2	140.10	510.84		
10-09	Brick on edge flooring, laid in 1:6 c/s mortar, over a bed of 3/4" thick cement mortar 1:6	100 Sft	1,674.00	6,637.54	m2	180.12	714.20		
10-10	Brick tiles (12"x6"x2") laid in 1:6 c/s mortar, over a bed of 3/4" thick c/s mortar 1:6	100 Sft	1,302.00	5,150.53	m2	140.10	554.20		
10-11	Brick tiles (9"x4.5"x1.5") laid flat in 1:3 c/s mortar over a bed of 3/4" thick cement mortar 1:6	100 Sft	1,488.00	5,452.69	m2	160.11	586.71		
10-12	Cement tiles (8"x8"x3/4") laid flat in 1:2 c/s mortar, over 3/4" thick bed of c/s mortar 1:2	-	-	-	-	-	-		DELETED
10-13-a	Cement concrete tiles laid in 1:2 c/s mortar over 3/4" thick bed of c/s mortar 1:2 : 12" x 12" x 1"	-	-	-	-	-	-		DELETED
10-13-b	Cement concrete tiles laid in 1:2 c/s mortar over 3/4" thick bed of c/s mortar 1:2 : 9" x 9" x 3/4"	-	-	-	-	-	-		DELETED
10-13-c	Cement concrete tiles laid in 1:2 c/s mortar over 3/4" thick bed of c/s mortar 1:2 : 6" x 6" x 3/4"	-	-	-	-	-	-		DELETED
10-14	Coloured cement tile (8"x8"x3/4") of dark shade laid flat in 1:2 c/s mortar over 3/4" mortar bed	100 Sft	1,982.76	8,736.01	m2	213.34	939.99		
10-15-a	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 1" thick	100 Sft	1,153.20	2,589.07	m2	124.08	278.58		If glass strips are used for paneling, it shall be paid extra as per item No. 10-43
10-15-b	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels: 1.5" thick	100 Sft	1,357.80	3,237.33	m2	146.10	348.34		
10-15-c	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels: 1.5" thick	100 Sft	1,357.80	3,486.43	m2	146.10	375.14		
10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 1.75" thick	100 Sft	1,357.80	4,000.24	m2	146.10	430.43		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
10-15-e	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100 Sft	1,543.80	4,417.47	m2	166.11	475.32		
10-15-f	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels: 2.25" thick	100 Sft	2,232.00	5,519.57	m2	240.16	593.91		
10-15-g	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels: 2.5" thick	100 Sft	2,325.00	5,926.35	m2	250.17	637.67		
10-15-h	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels: 2.75" thick	100 Sft	2,790.00	6,705.56	m2	300.20	721.52		
10-15-i	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 3" thick	100 Sft	2,604.00	6,856.06	m2	280.19	737.71		
10-16-a	Provide & laying conglomerate floor (two coat work) with top layer of 1/2" thick wearing surface of one part of cement 2 parts of stone chips passing 3/16" sieve over bottom layer of cement concrete (1:3:6) including surface finishing & dividing in panels: 1.5" thick	100 Sft	2,418.00	4,086.54	m2	260.18	439.71		ditto
10-16-b	Provide & laying conglomerate floor (two coat work) with top layer of 1/2" thick wearing surface of one part of cement 2 parts of stone chips passing 3/16" sieve over bottom layer of cement concrete (1:3:6) including surface finishing & dividing in panels: 1.75" thick	100 Sft	1,674.00	3,509.33	m2	180.12	377.60		
10-16-c	Provide & laying conglomerate floor (two coat work) with top layer of 1/2" thick wearing surface of one part of cement 2 parts of stone chips passing 3/16" sieve over bottom layer of cement concrete (1:3:6) including surface finishing & dividing in panels : 2" thick	100 Sft	1,860.00	3,868.21	m2	200.14	416.22		
10-17	Add extra in cement concrete floor topping if finished with pigment and polishing	100 Sft	558.00	1,186.35	m2	60.04	127.65		
10-18	Extra labour for each storey above ground for mosaic, conglomerate, tiles, stone & wood floor	100 Sft	279.00	279.00	m2	30.02	30.02		Applicable to item No 10-08 to 10-16, 10-19 to 10-25 and 10-30 to 10-35
10-19-a	Flag stone flooring in lime mortar 1:2, over 3/4" bedding : 2" thick	100 Sft	3,366.60	5,060.52	m2	362.25	544.51		
10-19-b	Flag stone flooring in lime mortar 1:2, over 3/4" bedding : 3" thick	100 Sft	3,132.24	5,047.79	m2	337.03	543.14		
10-20-a	Asphalt floor, including base preparation, remelting, setting out & finish : 1" thick topping	100 Sft	1,116.00	13,380.08	m2	120.08	1,439.70		
10-20-b	Asphalt floor, including base preparation, remelting, setting out & finish : 1/2" thick topping	100 Sft	967.20	7,099.24	m2	104.07	763.88		
10-20-c	Asphalt floor, including base preparation, remelting, setting out & finish : 1/4" thick topping	100 Sft	677.04	3,747.42	m2	72.85	403.22		

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Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
10-21-a	1.375" thick mosaic flooring, including rubbing and polishing complete : Using grey cement	100 Sft	4,464.00	8,063.31	m2	480.33	867.61		If glass strips are used for paneling, it shall be paid extra as per item No. 10-43
10-21-b	1.375" thick mosaic flooring, including rubbing and polishing complete : Using white cement	100 Sft	4,464.00	7,792.63	m2	480.33	838.49		
10-22-a	1.5" thick mosaic flooring, including rubbing & polishing complete : Using grey cement	100 Sft	4,575.60	7,751.29	m2	492.33	834.04		ditto
10-22-b	1.5" thick mosaic flooring, including rubbing & polishing complete : Using white cement	100 Sft	4,575.60	8,279.33	m2	492.33	890.86		
10-23	Laying floor of mosaic marble chips tiles of approved shade including finishing complete	100 Sft	2,473.80	9,553.83	m2	266.18	1,027.99		
10-24	Lay floor of white glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2	100 Sft	3,162.00	8,771.08	m2	340.23	943.77		
10-25	Lay floor of approved coloured glazed tiles 1/4" thick laid in white cement & pigment complete	100 Sft	3,162.00	8,812.82	m2	340.23	948.26		
10-26-a	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 3/4" thick (Badel, Silky black, Sunny white, Sunny Grey or eq)	100 Sft	6,324.00	13,797.81	m2	680.46	1,484.64		
10-26-b	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 1" thick (Badel, Silky black, Sunny white, Sunny Grey or eq)	100 Sft	6,324.00	17,228.16	m2	680.46	1,853.75		
10-26-c	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 1/2" thick (Badel, Silky black, Sunny white, Sunny Grey or eq)	100 Sft	6,324.00	13,416.66	m2	680.46	1,443.63		
10-26-d	Providing and Laying marble fine dressed stone 4-5 feet and 12" wide 1" thick for stairs steps.	100 Sft	6,324.00	16,379.10	m2	680.46	1,762.39		
10-26-e	Providing and Laying marble fine dressed stone 7x1.5 feet and 1" thick for stairs steps.	100 Sft	6,324.00	16,379.10	m2	680.46	1,762.39		
10-26-f	Providing and fixing glazed tile colour printed border 2" wide	100 Rft	595.20	15,775.26	m	19.53	517.56		
10-26-g	Providing and fixing glazed tile colour printed border 3" wide	100 Rft	595.20	15,775.26	m	19.53	517.56		
10-26-h	Providing and fixing glazed tile colour printed border 4" wide	100 Rft	595.20	15,775.26	m	19.53	517.56		
10-27	Rubbing and polishing old grit/mosaic floor, including repairing voids, uneven surface, complete	100 Sft	3,162.00	3,223.91	m2	340.23	346.89		Reduce the rate by 35 % and 40 % for labour and composite rate respectively if polishing is not done.

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
10-28	Rubbing & polishing grit floor, including repairing voids, uneen surface, complete	100 Sft	1,052.76	1,253.42	m2	113.28	134.87		Reduce the rate by 35 % and 40 % for labour and composite rate respectively if polishing is not done.
10-29	Cleaning and washing mosaic or marble floor with caustic soda mixture	100 Sft	130.20	242.04	m2	14.01	26.04		
10-30	Shisham wood boarding or strip flooring 3/4" thick including 2 coats of bitumen laid hot complete	100 Sft	9,300.00	41,761.32	m2	1,000.68	4,493.52		
10-31	Deodar wood boarding or strip flooring 3/4" thick including 2 coats of bitumen laid hot complete	100 Sft	6,696.00	48,604.45	m2	720.49	5,229.84		
10-32	Teak wood boarding or strip flooring 1/2" thick including 2 coats of bitumen laid hot complete	100 Sft	9,300.00	50,466.32	m2	1,000.68	5,430.18		
10-33	Shisham wood block flooring 1" thick out to required size, fixed on a layer of bitumen base	100 Sft	6,696.00	39,693.89	m2	720.49	4,271.06		
10-34	Teak wood block 1" thick cut to required size, fixed on a layer of asphalt bitumen laid on base	100 Sft	9,300.00	76,556.63	m2	1,000.68	8,237.49		
10-35-a	Laying wooden paving of hard wood on edge in coal tar & asphalt : Shisham wood	100 Sft	2,604.00	23,006.43	m2	280.19	2,475.49		
10-35-b	Laying wooden paving of hard wood on edge in coal tar & asphalt : Kikar wood	100 Sft	2,604.00	14,586.65	m2	280.19	1,569.52		
10-36-a	Tile skirting laid in 1:2 c/s mortar over 3/4" thick cement mortar 1:2 complete : Cement tiles	100 Sft	2,168.76	10,018.88	m2	233.36	1,078.03		
10-36-b	Tile skirting laid in 1:2 c/s mortar over 3/4" thick cement mortar 1:2 complete : Mosaic tiles	100 Sft	2,511.00	24,482.30	m2	270.18	2,634.30		
10-37-a	Provide grey cement skirting 3/8" thick complete 1:2 cement, sand mortar	100 Sft	2,540.76	3,266.88	m2	273.39	351.52		
10-37-b	Provide grey cement skirting 3/8" thick complete 1:3 cement, sand mortar	100 Sft	2,540.76	3,147.70	m2	273.39	338.69		
10-37-c	Provide grey cement skirting 3/8" thick complete Extra if skirting or dado is finished with pigment	100 Sft	186.00	1,018.78	m2	20.01	109.62		
10-38-a	Glazed tile 1/4" thick dado jointed in white cement complete : White Plain tiles	100 Sft	3,534.00	9,143.08	m2	380.26	983.79		
10-38-b	Glazed tile 1/4" thick dado jointed in white cement complete : Coloured Plain tiles	100 Sft	3,534.00	9,039.02	m2	380.26	972.60		
10-38-c	Glazed tile 1/4" thick dado jointed in white cement complete : Printed tiles	100 Sft	3,534.00	9,143.08	m2	380.26	983.79		
10-39	Glazed tile dado 1/4" thick in pigment over 1:2 c/s mortar 3/4" thick including finishing complete	100 Sft	3,534.00	9,294.33	m2	380.26	1,000.07		
10-40-a-01	Mosaic dado or skirting complete as per specs Using grey cement : 3/8" thick	100 Sft	4,464.00	6,718.27	m2	480.33	722.89		
10-40-a-02	Mosaic dado or skirting complete as per specs Using grey cement : 1/2" thick	100 Sft	4,464.00	7,233.25	m2	480.33	778.30		

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Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
10-40-b-01	Mosaic dado or skirting complete as per specs Using white cement : 3/8" thick including grinding and polishing	100 Sft	4,464.00	6,912.88	m2	480.33	743.83		
10-40-b-02	Mosaic dado or skirting complete as per specs Using white cement : 1/2" thick including grinding and polishing	100 Sft	4,464.00	7,635.01	m2	480.33	821.53		
10-41-a	Provide & lay marble fine dressed and polished stone dado or skirting in white cement complete : 3/8" thick (Badel, Silky black, Sunny white, Sunny Grey or eq)	100 Sft	2,046.00	5,045.59	m2	220.15	542.91		
10-41-b	Provide & lay marble fine dressed and polished stone dado or skirting in white cement complete : 1/2" thick (Badel, Silky black, Sunny white, Sunny Grey or eq)	100 Sft	2,046.00	8,353.13	m2	220.15	898.80		
10-42	Rubber flooring, consisting of 12"x12"x1/8" rubber tiles laid on firm foundation	100 Sft	1,484.28	19,285.92	m2	159.71	2,075.17		The cost of base for rubber floor is not included in the rate and is payable separately
10-43-a	Provide & fix glass strip 1.5" wide for dividing the floors into panels : 5mm thick	100 Rft	49.48	557.68	m	1.62	18.30		
10-43-b	Provide & fix glass strip 1.5" wide for dividing the floors into panels : 3mm thick	100 Rft	49.48	557.68	m	1.62	18.30		
10-43-c	Providing and Fixing marble strip 1.5 inch wide 3/8 inch thick for dividing the floor into panels	100 Rft	49.48	557.68	m	1.62	18.30		
10-43-d	Providing and Fixing marble strip 2" wide and 3/8" thick for dividing the floor into panels	100 Rft	49.48	811.78	m	1.62	26.63		
10-44	P/F Vinyl Tiles or Vinyl Sheet flooring over firm foundation	100 Sft	1,488.00	20,025.20	m2	160.11	2,154.71		
10-45	P/F Precast Concrete 7000 psi TUFF Tiles over bed of 2" thick sand & 4" thick brick ballast comp	100 Sft	1,488.00	6,204.99	m2	160.11	667.66		
10-46-a	P/F Ceramic Floor Tiles (Emco, National or eq) Size : 12" x 12"	100 Sft	2,976.00	10,566.57	m2	320.22	1,136.96		
10-46-b	P/F Ceramic Floor Tiles (Emco, National or eq) Size 20" x 20"	100 Sft	2,976.00	14,373.23	m2	320.22	1,546.56		
10-47	Burnt brick (1st class) pavement on edge grouted with sand including preparation of bed	100 Sft	1,674.00	5,817.65	m2	180.12	625.98		
10-48-a	Porceline tile floor 1/4" thick laid cement 1:2 or 3/4" thick cement mortar 1:2 (Local Master Tiles)	100 Sft	3,162.00	10,064.57	m2	340.23	1,082.95		
10-48-b	Porceline tile floor 1/4" thick laid cement 1:2 over 3/4" thick cement mortar 1:2 (Imported Tiles)	100 Sft	3,162.00	12,678.17	m2	340.23	1,364.17		
10-48-c	Granitto tile floor 1/4" thick laid cement 1:2 or 3/4" thick cement mortar 1:2 (Imported Tiles UAE) 24"x24"	100 Sft	3,162.00	24,148.97	m2	340.23	2,598.43		
10-48-d	Granitto tile floor 1/4" thick laid cement 1:2 or 3/4" thick cement mortar 1:2 (Imported Tiles UAE) 16"x16"	100 Sft	3,162.00	20,934.24	m2	340.23	2,252.52		

Chapter # 10 FLOORING

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
10-49-a	Providing and Laying marble fine dressed stone flooring on surface in white cement complete using indian green marble 12"x12"x3/4" thick	100 Sft	3,720.00	35,726.56	m2	400.27	3,844.18		
10-49-b	Providing and Laying marble fine dressed stone flooring on surface in white cement complete using Trevera marble 12"x12"x3/4" thick	100 Sft	3,720.00	11,526.56	m2	400.27	1,240.26		
10-49-c	Providing and Laying marble fine dressed stone flooring on surface in white cement complete using Botocina marble 12"x12"x3/4" thick	100 Sft	3,720.00	17,576.56	m2	400.27	1,891.24		
10-49-d	Providing and Laying marble fine dressed stone flooring on surface in white cement complete using Veroona/Lasbela marble 12"x12"x3/4" thick	100 Sft	3,720.00	13,946.56	m2	400.27	1,500.65		
10-50	Chemical polishing of marble floor/Dado	100 Sft	744.00	2,182.89	m2	80.05	234.88		
10-51	Replaced coloured glass panes of sizes upto 4 mm thickness with iron, nails and putty including removing broken ones if required in all floors.	Sft	31.25	143.17	m2	336.23	1,540.54		

Chapter # 11 SURFACE RENDERING

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
11-01-a	Mud plaster on walls (excluding gobri leeping) upto 20' height : 1/2" thick	100 Sft	331.08	451.99	m2	35.62	48.63		
11-01-b	Mud plaster on walls (excluding gobri leeping) upto 20' height : 1" thick	100 Sft	453.84	695.66	m2	48.83	74.85		
11-02-a	Mud plaster on floor / roof (excluding gobri leeping) upto 20' height : 1/2" thick	100 Sft	297.60	418.51	m2	32.02	45.03		Add extra 13%, 32% and 51% above the labour rates only or 6%, 15% and 23% on composite rates for 2nd, 3rd, 4th and subsequent floors respectively.
11-02-b	Mud plaster on floor / roof (excluding gobri leeping) upto 20' height : 1" thick	100 Sft	561.72	803.54	m2	60.44	86.46		
11-03-a	Cement lime plaster 1:7:12 (c/l/s) upto 20' height 1/4" thick	100 Sft	1,023.00	1,201.41	m2	110.07	129.27		
11-03-b	Cement lime plaster 1:7:12 (c/l/s) upto 20' height 1/2" thick	100 Sft	1,023.00	1,380.13	m2	110.07	148.50		
11-04-a	Cement Neru plaster 1:2 (c/s) upto 20' height 1/4" thick	100 Sft	1,023.00	1,543.32	m2	110.07	166.06		
11-04-b	Cement Neru plaster 1:2 (c/s) upto 20' height 1/2" thick	100 Sft	1,023.00	1,917.96	m2	110.07	206.37		
11-05	2" stucco cement plaster 1:2:4 (c/s/shingle) upto 20' height	100 Sft	2,343.60	4,565.28	m2	252.17	491.22		
11-06-a	Provide/lay machine sprayed plaster 1/2" thick using cement & zero guage chips : Ratio 1:1	100 Sft	791.12	2,253.66	m2	85.12	242.49		
11-06-b	Provide/lay machine sprayed plaster 1/2" thick using cement & zero guage chips : Ratio 1:1.5	100 Sft	798.56	2,159.59	m2	85.93	232.37		
11-06-c	Provide/lay machine sprayed plaster 1/2" thick using cement & zero guage chips : Ratio 1:2	100 Sft	813.44	2,122.92	m2	87.53	228.43		
11-07-a	Cement plaster 1:2, upto 20' height 3/8" thick	100 Sft	1,023.00	1,587.34	m2	110.07	170.80		The rate be allowed only on written orders of Superintending Engineer
11-07-b	Cement plaster 1:2, upto 20' height 1/2" thick	100 Sft	1,023.00	1,749.12	m2	110.07	188.21		
11-07-c	Cement plaster 1:2, upto 20' height 3/4" thick	100 Sft	1,302.00	2,425.49	m2	140.10	260.98		
11-08-a	Cement plaster 1:3 upto 20' height 3/8" thick	100 Sft	1,023.00	1,427.14	m2	110.07	153.56		ditto
11-08-b	Cement plaster 1:3 upto 20' height 1/2" thick	100 Sft	1,023.00	1,560.12	m2	110.07	167.87		
11-08-c	Cement plaster 1:3 upto 20' height 3/4" thick	100 Sft	1,302.00	2,110.28	m2	140.10	227.07		
11-09-a	Cement plaster 1:4 upto 20' height 3/8" thick	100 Sft	1,023.00	1,390.11	m2	110.07	149.58		
11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100 Sft	1,023.00	1,486.43	m2	110.07	159.94		
11-09-c	Cement plaster 1:4 upto 20' height 3/4" thick	100 Sft	1,302.00	2,025.34	m2	140.10	217.93		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
11-10-a	Cement plaster 3/8" thick under soffit of RCC roof slabs only upto 20' height : (1:2)	100 Sft	1,302.00	1,735.79	m2	140.10	186.77		i) This item shall be applicable to building meant for human habitation only, such as building like residence, offices, educational institutions and hospitals etc. It shall no admissible on godowns, bins, agricultural, poultry etc.
11-10-b	Cement plaster 3/8" thick under soffit of RCC roof slabs only upto 20' height : (1:3)	100 Sft	1,302.00	1,732.18	m2	140.10	186.38		ii) The thickness of the plaster will not be more than 3/8" thick.
11-10-c	Cement plaster 3/8" thick under soffit of RCC roof slabs only upto 20' height : (1:4)	100 Sft	1,302.00	1,593.61	m2	140.10	171.47		
11-11-a	Cement plaster 1:5, upto 20' height 3/8" thick	100 Sft	1,023.00	1,353.69	m2	110.07	145.66		
11-11-b	Cement plaster 1:5, upto 20' height 1/2" thick	100 Sft	1,023.00	1,458.72	m2	110.07	156.96		
11-11-c	Cement Plaster 1:5, upto 20' height 3/4" thick	100 Sft	1,302.00	1,963.39	m2	140.10	211.26		
11-12-a	Cement plaster 1:6, upto 20' height 3/8" thick	100 Sft	1,023.00	1,301.66	m2	110.07	140.06		
11-12-b	Cement plaster 1:6, upto 20' height 1/2" thick	100 Sft	1,023.00	1,391.08	m2	110.07	149.68		
11-12-c	Cement plaster 1:6, upto 20' height 3/4" thick	100 Sft	1,302.00	1,854.12	m2	140.10	199.50		
11-13	Applying floating coat of cement 1/32" thick	100 Sft	688.20	901.52	m2	74.05	97.00		
11-14	Lime pointing flush upto 20' height, including racking joints in lime sand mortar 1:2	100 Sft	744.00	886.05	m2	80.05	95.34		
11-15	Lime pointing struck joints on walls, upto 20' height including racking joints, in lime sand mortar 1:2	100 Sft	1,209.00	1,351.05	m2	130.09	145.37		
11-16-a	Cement pointing flush, upto 20' height Ratio 1:2	100 Sft	1,023.00	1,442.02	m2	110.07	155.16		
11-16-b	Cement pointing flush, upto 20' height Ratio 1:3	100 Sft	1,023.00	1,352.72	m2	110.07	145.55		
11-17-a	Cement pointing 1:2 flush, on floor	100 Sft	744.00	1,163.02	m2	80.05	125.14		
11-18-a	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:2	100 Sft	1,209.00	1,628.02	m2	130.09	175.18		
11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100 Sft	1,209.00	1,538.72	m2	130.09	165.57		
11-19-a	Pointing flush on stone work, upto 20' height in lime sand mortar 1:2 (lime, sand)	100 Sft	1,023.00	1,202.69	m2	110.07	129.41		
11-19-b	Pointing flush on stone work, upto 20' height in cement sand mortar 1:3	100 Sft	1,023.00	1,352.72	m2	110.07	145.55		
11-19-c-01	Pointing flush on stone work, upto 20' height On stone work raised : in lime sand mortar 1:2	100 Sft	1,953.00	2,132.69	m2	210.14	229.48		
11-19-c-02	Pointing flush on stone work, upto 20' height On stone work raised : in c/s mortar 1:3	100 Sft	1,953.00	2,282.73	m2	210.14	245.62		

Chapter # 11 SURFACE RENDERING

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
11-20	Racking and washing joints of stone masonry (old work)	100 Sft	465.00	465.00	m2	50.03	50.03		
11-21	Racking and washing joints of brick masonry (old work)	100 Sft	279.00	279.00	m2	30.02	30.02		
11-22	Priming coat of chalk under distemper	100 Sft	111.60	134.72	m2	12.01	14.50		
11-23-a-01	Distempering New surface : One coat	100 Sft	279.00	431.55	m2	30.02	46.43		
11-23-a-02	Distempering New surface : Two coats	100 Sft	279.00	458.36	m2	30.02	49.32		
11-23-a-03	Distempering New surface : Three coats	100 Sft	279.00	476.50	m2	30.02	51.27		
11-23-b-01	Distempering Old surface : One coat	100 Sft	78.12	187.65	m2	8.41	20.19		
11-23-b-02	Distempering Old surface : Two coats	100 Sft	111.60	242.81	m2	12.01	26.13		
11-24-a-01	Colour washing: New surface : One coat	100 Sft	55.80	100.27	m2	6.00	10.79		
11-24-a-02	Colour washing: New surface : Two coats	100 Sft	148.80	220.92	m2	16.01	23.77		
11-24-b-01	Colour washing: Old surface : One coat	100 Sft	63.24	97.33	m2	6.80	10.47		
11-24-b-02	Colour washing: Old surface : Two coats	100 Sft	115.32	171.13	m2	12.41	18.41		
11-25-a-01	White washing: New surface : One coat	100 Sft	52.08	67.93	m2	5.60	7.31		
11-25-a-02	White washing: New surface : Two coats	100 Sft	152.52	176.30	m2	16.41	18.97		
11-25-a-03	White washing: New surface : Three coats	100 Sft	193.44	229.91	m2	20.81	24.74		
11-25-b-01	White washing: Old surface : One coat	100 Sft	63.24	91.56	m2	6.80	9.85		
11-25-b-02	White washing: Old surface : Two coats	100 Sft	115.32	134.78	m2	12.41	14.50		
11-26-a	Gobri leeping: On walls	100 Sft	111.60	123.73	m2	12.01	13.31		
11-26-b	Gobri leeping: Over roofs	100 Sft	111.60	138.28	m2	12.01	14.88		
11-27	Striking joints of burnt brick in lime or cement mortar	100 Sft	260.40	260.40	m2	28.02	28.02		Payable with fresh masonry when the face of the work is not to be plastered/pointed.
11-28	Extra for lime, mud or cement plaster & pointing from 20' & above for each additional 10' height	100 Sft	182.28	182.28	m2	19.61	19.61		
11-29	Caulking joints of sleeper wall, with sand and coaltar	100 Sft	372.00	877.75	m2	40.03	94.45		
11-30	Caulking joints of sleepers, with mud and chopped straw	100 Sft	372.00	469.84	m2	40.03	50.55		
11-31	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100 Sft	55.80	318.10	m2	6.00	34.23		
11-32-a	Provide grooved c/s plaster 1:3 over existing plastered & roughened surface 3/8" thick	100 Sft	911.40	1,340.95	m2	98.07	144.29		
11-32-b	Provide grooved c/s plaster 1:3 over existing plastered & roughened surface 1/2" thick	100 Sft	911.40	1,451.18	m2	98.07	156.15		
11-32-c	Providing ornamental plaster 3/4" thick with (1:3) cement sand mortar on walls, columns chajja and slabs finished smooth including all charges for Labour and Material.	100 Sft	6,696.00	8,104.73	m2	720.49	872.07		
11-32-d	Providing ornamental moulding of approved design in column with base/top and nosing and shade of lintle or pediments in cement mortar(1:3) 1-1/8" thick(1 feet under coat x 1/8" finish layer) including all charges for curing/finishing complete	100 Sft	6,026.40	8,452.52	m2	648.44	909.49		

Chapter # 11 SURFACE RENDERING

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
11-33	Provide & fit expanded metal edge bead for corners, with nails on both sides of edges	Rft	5.44	29.82	m	17.86	97.84		
11-34-a	Petty repairs to Fire Place	Each	167.40	469.90	Each	167.40	469.90		
11-34-b	Petty repairs to Verandah	Each	241.80	477.75	Each	241.80	477.75		
11-34-c	Petty repairs to Room upto 100 sft area	Each	167.40	530.40	Each	167.40	530.40		
11-34-d	Petty repairs to Room exceeding 100 sft area	Each	279.00	605.70	Each	279.00	605.70		
11-35	Extra labour for white washing, priming etc. from 20' height & above for every extra 10' height	m3 / coat	1.12	1.12	m3 / coat	1.12	1.12		The will be taken from the floor, roof or ground underneath as the case may be, on the side towards which the work is to be done
11-36	Providing and fixing of clad stones over 1/2" c/s mortar 1:1 incl curing etc.	100 Sft	2,604.00	8,380.73	m2	280.19	901.77		
11-37	Supply & apply acrylic wall coating 10 to 12mm thick of approved quality over plastered surface	100 Sft	1,581.00	8,815.47	m2	170.12	948.54		The rate of plastering over walls is not included in this rate and is to be paid separately.
11-38	P/F Ceramic Exterior Finish Tiles over 1/2" cement sand mortar 1:1 including curing complete	100 Sft	3,255.00	11,464.37	m2	350.24	1,233.57		
11-39-a	Providing and fixing Chakwal tiles red colour in 1:3 cement mortar complete.	100 Sft	2,604.00	6,772.45	m2	280.19	728.72		
11-39-b	Providing and fixing Chakwal tiles white colour in 1:3 cement mortar complete.	100 Sft	2,604.00	7,619.45	m2	280.19	819.85		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-01-a	Plain wood work sawn, wrought, planed & fixed in position, including nails & screws : Deodar wood	Cft	465.00	3,977.63	m3	16,421.34	140,468.81		
12-01-b	Plain wood work sawn, wrought, planed & fixed in position, including nails & screws : Shisham wood	Cft	651.00	2,790.28	m3	22,989.87	98,537.90		
12-02-a	Plain woodwork for regulation karries or needles etc. complete as per specs : Deodar wood	Cft	338.52	3,817.27	m3	11,954.73	134,805.75		
12-02-b	Plain woodwork for regulation karries or needles etc. complete as per specs : Shisham wood	Cft	539.40	2,644.80	m3	19,048.75	93,400.32		
12-03-a	1st class teak wood wrought joinery in doors & windows, panelled or glazed complete : 2" thick	Sft	172.71	1,477.65	m2	1,858.41	15,899.55		
12-03-b	1st class teak wood wrought joinery in doors & windows, panelled or glazed complete : 1.75" thick	Sft	172.71	1,380.42	m2	1,858.41	14,853.33		
12-03-c	1st class teak wood wrought joinery in doors & windows, panelled or glazed complete : 1.5" thick	Sft	172.71	1,283.18	m2	1,858.41	13,807.06		
12-04-a-01	1st class teak wood wrought joinery Teak wood frame 1.75" thick w/o spring/hinge	Sft	107.60	770.92	m2	1,157.81	8,295.12		a) This also includes the cost of woods required for extra thickness of chowkats.
12-04-a-02	1st class teak wood wrought joinery Teak wood frame 1.75" thick w/o spring/hinge	Sft	107.60	790.92	m2	1,157.81	8,510.32		
12-04-b-01	1st Class Teak Wood Wrought Joinery : Teak Wood framing 1.5" thick w/ wire guaze w/o springs	Sft	107.60	669.68	m2	1,157.81	7,205.81		
12-04-b-02	1st Class Teak Wood wrought joinery : Teak Wood framing 1.5" thick w/ wire guaze w/ springs	Sft	107.60	691.17	m2	1,157.81	7,437.01		
12-04-c	1st class teak wood wrought joinery GI wire guaze 22 SWG, fixed to chowkat	Sft	38.75	218.95	m2	416.95	2,355.93		
12-04-d	1st class teak wood wrought joinery GI wire guaze 22 SWG, fixed on teak wood frame	Sft	58.13	546.00	m2	625.42	5,874.93		
12-05	Provide & fix exp. metal 1/2"-3/4" mesh, 16 guage fixed to chowkat, with 1" teak wood cover strips	Sft	38.75	245.39	m2	416.95	2,640.37		
12-06	Provide & fix expanded metal 1/2" to 3/4", 16 guage fixed to chowkat with 1" cover moulding	Sft	38.75	245.39	m2	416.95	2,640.37		
12-07-a	First class deodar wood wrought joinery in doors and windows etc. complete : 2" thick	Sft	106.29	920.66	m2	1,143.63	9,906.35		
12-07-b	First class deodar wood wrought joinery in doors and windows etc. complete : 1-3/4" thick	Sft	106.29	812.63	m2	1,143.63	8,743.88		
12-07-c	First class deodar wood wrought joinery in doors and windows etc. complete : 1.5" thick	Sft	86.36	771.09	m2	929.20	8,296.96		
12-08-a	Deodar wood framed, braced & battened doors & windows : 2.25" thick, 1.25" battens & 1" planks	Sft	124.00	920.36	m2	1,334.24	9,903.04		
12-08-b	Deodar wood framed, braced & battened doors & windows : 1.75" thick, 1" battens & 3/4" planks	Sft	95.38	752.92	m2	1,026.34	8,101.41		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-09	1" thick battened doors & windows fitted in position, complete with iron fittings	Sft	71.54	565.31	m2	769.75	6,082.75		
12-10	Deodar wood battened ledged & braced doors & windows 2.25" thick complete	Sft	106.29	924.91	m2	1,143.63	9,952.01		
12-11-a	Deodar wood doors framed with braces & 22 SWG GI sheet facing on one side complete	Sft	49.41	395.56	m2	531.61	4,256.26		
12-11-b	Deodar wood doors framed with braces & 22 SWG GI sheet facing on both sides complete	Sft	49.41	402.58	m2	531.61	4,331.81		
12-12-a	Partal wood doors framed with braces & 22 SWG GI sheet facing on one side complete	Sft	34.88	276.43	m2	375.26	2,974.42		
12-12-b	Partal wood doors framed with braces & 22 SWG GI sheet facing on both sides complete	Sft	49.41	204.46	m2	531.61	2,199.96		
12-13-a-01	First class deodar wood wrought joinery work Deodar wood frame 1-3/4" thick w/o springs	Sft	91.27	490.65	m2	982.08	5,279.35		
12-13-a-02	First class deodar wood wrought joinery work Deodar wood frame 13/4" thick with springs	Sft	91.27	513.41	m2	982.08	5,524.25		
12-13-b-01	First class deodar wood wrought joinery work Deodar wood frame 1.5" thick w/o springs	Sft	91.27	445.66	m2	982.08	4,795.35		
12-13-b-02	First class deodar wood wrought joinery work Deodar wood frame 1" thick with springs	Sft	91.27	468.43	m2	982.08	5,040.25		
12-13-c	First class deodar wood wrought joinery work GI wire guaze fixed to chowkat with 3/4" strip	Sft	38.75	143.52	m2	416.95	1,544.23		
12-13-d	First class deodar wood wrought joinery work GI wire guaze fixed to chowkat with 1/2" strip	Sft	38.75	123.35	m2	416.95	1,327.24		
12-14	Making and fixing trellis doors & windows of deodar wood complete.	Sft	82.67	500.73	m2	889.49	5,387.84		
12-15-a	Provide & fix MS chowkat of doors, windows etc MS angle iron 1.5"x1.5"x1/4" welded with MS flat	Sft	26.55	106.44	m2	285.70	1,145.28		
12-15-b	Provide & fix MS chowkat of doors, windows etc MS tee iron 1.5"x 1.5"x 1/4" welded with MS flat	Sft	26.69	113.23	m2	287.18	1,218.40		
12-16	Extra for providing & fixing iron double spring hinges with brass fittings including finger plate etc	Sft	26.57	81.62	m2	285.91	878.28		
12-17-a	P/F brass spring hinges to wire gauzed door.	Each	55.80	244.84	Each	55.80	244.84		
12-17-b	P/F hydraulic Door Closer (Best Quality)	Each	111.60	1,321.60	Each	111.60	1,321.60		
12-18-a-01	Providing and fixing sliding bolt to doors Iron sliding bolts : 10" long	Each	55.80	191.56	Each	55.80	191.56		
12-18-a-02	Providing and fixing sliding bolt to doors Iron sliding bolts : 12" long	Each	55.80	215.76	Each	55.80	215.76		
12-18-b-01	Providing and fixing sliding bolt to doors CP sliding bolts : 10" long	Each	55.80	207.70	Each	55.80	207.70		
12-18-b-02	Providing and fixing sliding bolt to doors CP sliding bolts : 12" long	Each	55.80	260.13	Each	55.80	260.13		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-18-c-01	Providing and fixing sliding bolt to doors Brass sliding bolts : 10" long	Each	55.80	911.51	Each	55.80	911.51		
12-18-c-02	Providing and fixing sliding bolt to doors Brass sliding bolts : 12" long	Each	55.80	1,153.51	Each	55.80	1,153.51		
12-19-a	Extra for brass fittings to doors & windows Deodar panelled, panelled+glazed or fully glazed	Sft	1.24	13.85	m2	13.39	149.03		
12-19-b	Extra for brass fittings to doors & windows Deodar wood wire guazed shutters	Sft	1.35	13.31	m2	14.51	143.25		
12-20-a-01	Extra for providing/fixing approved quality Rim locks : Imported	Each	241.80	1,165.43	Each	241.80	1,165.43		
12-20-a-02	Extra for providing/fixing approved quality Rim locks : Local	Each	241.80	1,048.47	Each	241.80	1,048.47		
12-20-b-01	Extra for providing/fixing approved quality Rim locks : Imported	Each	170.00	1,077.50	Each	170.00	1,077.50		
12-20-b-02	Extra for providing/fixing approved quality Rim locks : Local	Each	170.00	1,017.00	Each	170.00	1,017.00		
12-21-a	Provide & fix exp. metal 1/2"-3/4"mesh 16 gauge Fixed to chowkat with 1" deodar wood strip etc	Sft	19.37	203.28	m2	208.48	2,187.26		
12-21-b	Provide & fix exp. metal 1/2"-3/4"mesh 16 gauge Fixed with 1" cover mould & screws including frame	Sft	16.27	323.09	m2	175.12	3,476.40		
12-22-a	Provide & fix deodar wood almirah 9"-12" depth including boxing with back, shelves, shutters etc	Sft	173.66	1,217.22	m2	1,868.61	13,097.33		
12-22-b	Provide & fix deodar wood almirah 9"-12" depth With shelves, shutters etc w/o boxing & back	Sft	124.04	679.30	m2	1,334.72	7,309.32		
12-23-a	Provide & fix wooden box type wardrobe 22" deep Partal wood boxing & deodar wood shelves etc	Sft	186.03	800.96	m2	2,001.73	8,618.29		
12-23-b	Provide & fix wooden box type wardrobe 22" deep Deodar wood boxing & deodar shelves etc	Sft	186.03	899.52	m2	2,001.73	9,678.85		
12-24-a	Provide & fix chowkat for doors, windows & CS windows, including holdfast etc : Teak wood	Sft	33.21	389.00	m2	357.39	4,185.61		
12-24-b	Provide & fix chowkat for doors, windows & CS windows, including holdfast etc : Shisham wood	Sft	26.57	170.50	m2	285.91	1,834.54		
12-24-c	Provide & fix chowkat for doors, windows & CS windows, including holdfast etc : Deodar wood	Sft	16.61	237.35	m2	178.69	2,553.84		
12-25-a	Make & fix deodar planking in eave boards etc planed on both sides complete : 1" thick	100 Sft	3,348.00	33,880.44	m2	360.24	3,645.54		
12-25-b	Make & fix deodar planking in eave boards etc planed on both sides complete : 3/4" thick	100 Sft	3,348.00	26,680.89	m2	360.24	2,870.86		
12-25-c	Make & fix deodar planking in eave boards etc planed on both sides complete : 1/2" thick	100 Sft	3,348.00	19,511.64	m2	360.24	2,099.45		
12-26-a	Make & fix deodar wood shelves, incl brackets 1" thick	100 Sft	3,348.00	33,710.99	m2	360.24	3,627.30		
12-26-b	Make & fix deodar wood shelves, incl brackets 1.5" thick	100 Sft	3,348.00	48,094.71	m2	360.24	5,174.99		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-26-c	Make & fix deodar wood shelves, incl brackets 2" thick	100 Sft	3,348.00	62,478.45	m2	360.24	6,722.68		
12-27-a	Make & fix cleats for doors & windows including hinges and screws.	Each	46.50	105.23	Each	46.50	105.23		
12-27-b	Make & fix cleats with brass hooks for roof ventilators	1 No	46.50	133.86	no	46.50	133.86		
12-27-c	Make & fix Door stops of 1.5" dia rubber block	Each	27.90	132.77	Each	27.90	132.77		
12-27-d	Make & fix GI hook with clamps for doors	Each	33.48	75.83	Each	33.48	75.83		
12-28-a	Teak wood railing of any shape & design including bends, corners, polishing etc complete	Rft	158.84	1,185.29	m	521.14	3,888.76		
12-28-b	Shisham wood railing of any shape & design including bends, corners, polishing etc complete	Rft	158.84	717.33	m	521.14	2,353.45		
12-29	Deodar wood dado or picture rail 3"x1.5" as per approved design, including moulding etc. complete	Rft	65.47	360.06	m	214.80	1,181.29		
12-30-a	Sawing wood by hand : Soft wood (deodar, kail or chir)	100 Sft	1,116.00	1,116.00	m2	120.08	120.08		
12-30-b	Sawing wood by hand : Hard wood (shisham, kikar, teak or sahl)	100 Sft	2,232.00	2,232.00	m2	240.16	240.16		
12-31-a	Sawing wood by machine : Soft Wood	100 Sft	737.18	737.18	m2	79.32	79.32		
12-31-b	Sawing wood by machine : Hard Wood	100 Sft	795.09	795.09	m2	85.55	85.55		
12-32	Making and fixing sun-shade of deodar wood including fixing brackets	100 Sft	4,278.00	40,250.09	m2	460.31	4,330.91		
12-33	Making and fixing 1" thick kail or chir wooden notice board with frame	Sft	51.67	65.35	m2	555.93	703.16		
12-34	Making deodar punkha pole 10'x6"x6"	Each	389.48	8,460.18	Each	389.48	8,460.18		
12-35	Dismantling and refixing eave boards	Rft	18.60	18.60	m	61.02	61.02		
12-36	Wooden stair-cases complete 2'-3' wide frame 1.5" thick planks of deodar wood including hand rails	Rft	186.00	2,334.14	m	610.24	7,657.95		
12-37-a-01	Providing and fixing partition including framework : Sheet on one side of frame : Hard board	100 Sft	1,116.00	8,418.21	m2	120.08	905.80		
12-37-a-02	Providing and fixing partition including framework : Sheet on one side of frame : Ply wood 1/4" thick	100 Sft	1,116.00	8,224.75	m2	120.08	884.98		
12-37-a-03	Providing and fixing partition including framework : Sheet on one side of frame : Masonite	100 Sft	1,116.00	11,054.13	m2	120.08	1,189.42		
12-37-b-01	Providing and fixing partition including framework : Sheets on both sides of frame : Hard board	100 Sft	2,046.00	11,012.43	m2	220.15	1,184.94		
12-37-b-02	Providing and fixing partition including framework : Sheets on both sides of frame : Ply wood 1/4"	100 Sft	2,046.00	10,569.84	m2	220.15	1,137.31		
12-37-b-03	Providing and fixing partition including framework : Sheets on both sides of frame : Masonite	100 Sft	2,046.00	15,710.93	m2	220.15	1,690.50		
12-38-a	Providing and fixing ceiling, including frame work : Hard board	100 Sft	2,976.00	10,278.21	m2	320.22	1,105.94		
12-38-b	Providing and fixing ceiling, including frame work : Chip Board	100 Sft	2,976.00	13,210.58	m2	320.22	1,421.46		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-38-c	Providing and fixing ceiling, including frame work : Ply wood 1/4" thick	100 Sft	2,976.00	10,034.54	m2	320.22	1,079.72		
12-38-d	Providing and fixing ceiling, including frame work : Masonite	100 Sft	2,976.00	13,599.80	m2	320.22	1,463.34		
12-39-a-01	Provide & fix, thermorpore false ceiling complete Deodar wood frame panelling : 3/4" thick	100 Sft	2,232.00	12,704.55	m2	240.16	1,367.01		
12-39-a-02	Provide & fix, thermorpore false ceiling complete Deodar wood frame panelling : 1" thick	100 Sft	2,232.00	14,422.75	m2	240.16	1,551.89		
12-39-b-01	Provide & fix, thermorpore false ceiling complete Partal wood frame panelling : 3/4" thick	100 Sft	2,232.00	8,130.75	m2	240.16	874.87		
12-39-b-02	Provide & fix, thermorpore false ceiling complete Partal wood frame panelling : 1" thick	100 Sft	2,232.00	9,231.85	m2	240.16	993.35		
12-40	Supply and Fixing accoustic miller fibre tile ceiling fixed with aluminium tee hung by GI wire fixed in roof	100 Sft	1,785.60	20,722.10	m2	192.13	2,229.70		
12-41-a	Fixing Door including chowkats	Each	465.00	465.00	Each	465.00	465.00		
12-41-b	Fixing Windows including chowkats	Each	232.50	232.50	Each	232.50	232.50		
12-42-a	Glazing with panes (16-18 oz) including cost of putty	Sft	19.93	67.07	m2	214.43	721.63		
12-42-b	Glazing with panes (16-18 oz) using deodar wooden fillets & putty	Sft	26.57	93.16	m2	285.91	1,002.37		
12-42-c	Glazing with panes (24-26 oz) using putty & deodar wooden fillets	Sft	26.57	93.16	m2	285.91	1,002.37		
12-43-a	Cutting to required size & fixing glass panes with putty.	100 Sft	279.00	430.01	m2	30.02	46.27		
12-43-b	Cutting to required size & fixing glass panes Using deodar wood fillets & putty	Sft	5.08	18.05	m2	54.65	194.24		
12-44-a	Glazing with plate glass 6 mm thick including cost of deodar wood fillet & putty : Upto 0.75 m2	Sft	31.75	152.73	m2	341.60	1,643.38		
12-44-b	Glazing with plate glass 6 mm thick including cost of deodar wood fillet & putty : 0.75m2 to 2.25 m2	Sft	31.75	152.16	m2	341.60	1,637.28		
12-45-a	1.5" thick deodar doors & windows, chowkat of MS angle iron 1.5"x1.5"x1/4" welded with MS flat	Sft	132.86	814.23	m2	1,429.60	8,761.14		
12-45-b	1.5" thick deodar doors & windows, chowkat of MS tee iron 1.5"x 1.5"x 1/4" welded with MS flat	Sft	146.14	781.58	m2	1,572.44	8,409.82		
12-46-a	1.5" thick hollow flush door/window, chowkat of MS angle iron 1.5"x1.5"x1/4" welded with MS flat	Sft	112.71	572.58	m2	1,212.72	6,160.96		
12-46-b	1.5" thick hollow flush door/window, chowkat of MS tee iron 1.5"x 1.5"x 1/4" welded with MS flat	Sft	111.39	532.86	m2	1,198.58	5,733.56		
12-47	Panelled door of MS sheet with forged door leaves of MS sheet 22 SWG etc complete	Sft	186.07	547.69	m2	2,002.08	5,893.14		
12-48	24 SWG aluminium kick plate 4" high, on bottom rail of flush doors of commercial ply	Rft	28.65	38.75	m	93.99	127.13		
12-49	Curtain railing to doors & windows comprising TOSO-elite Japanese railing or equiv. including paint	Rft	28.49	105.52	m	93.46	346.19		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-50	MS flat 1/2"x1/8" grill in windows of approved design including painting 3 coats, complete	Sft	28.58	170.26	m2	307.51	1,832.05		
12-51	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	Sft	41.49	140.27	m2	446.40	1,509.34		
12-52-a	Hollow flush door 1.5"-2" thick including iron mongery excluding chowkat & lock : Teak veneered	Sft	21.93	493.09	m2	235.95	5,305.65		
12-52-b	Hollow flush door 1.5"-2" thick including iron mongery excluding chowkat & lock : Shisham veneered	Sft	21.93	493.09	m2	235.95	5,305.65		
12-52-c	Hollow flush door 1.5"-2" thick including iron mongery excluding chowkat & lock : Deodar veneered	Sft	21.91	507.58	m2	235.70	5,461.55		
12-52-d	Hollow flush door 1.5"-2" thick including iron mongery excluding chowkat & lock : Commercial veneered	Sft	21.93	456.78	m2	235.96	4,914.98		
12-53-a-01	Supply and Fixing aluminium door/window, Economy model Sliding window	Sft	42.44	405.44	m2	456.69	4,362.57		The rates include cost for fly shutters excluding that for doors
12-53-a-02	Supply and Fixing aluminium door/window, Economy model Hinges window	Sft	42.44	544.59	m2	456.69	5,859.83		The rates include cost for fly shutters excluding that for doors
12-53-a-03	Supply and Fixing aluminium door/window, Economy model Fixed louver in door frame	Sft	42.44	616.48	m2	456.69	6,633.27		The rates include cost for fly shutters excluding that for doors
12-53-a-04	Supply and Fixing aluminium door/window, Economy model Fixed louver in 2" frame	Sft	42.44	471.99	m2	456.69	5,078.65		The rates include cost for fly shutters excluding that for doors
12-53-b-01	Supply and Fixing aluminium door/window, Deluxe 3" sect. Sliding window	Sft	42.44	447.79	m2	456.69	4,818.26		The rates include cost for fly shutters excluding that for doors
12-53-b-02	Supply and Fixing aluminium door/window, Deluxe 3" sect. Hinges window	Sft	42.44	484.09	m2	456.69	5,208.85		The rates include cost for fly shutters excluding that for doors
12-53-b-03	Supply and Fixing aluminium door/window, Deluxe 3" sect. Fixed glazing	Sft	42.44	338.89	m2	456.69	3,646.49		The rates include cost for fly shutters excluding that for doors
12-53-b-04	Supply and Fixing aluminium door/window, Deluxe 3" sect. Fixed arch	Sft	42.44	338.89	m2	456.69	3,646.49		The rates include cost for fly shutters excluding that for doors

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-53-b-05	Supply and Fixing aluminium door/window, Deluxe 3" sect. Fixed louvers	Sft	42.44	555.98	m2	456.69	5,982.37		The rates include cost for fly shutters excluding that for doors
12-53-b-06	Supply and Fixing aluminium door/window, Deluxe 3" sect. Sliding door	Sft	42.44	518.68	m2	456.69	5,580.97		The rates include cost for fly shutters excluding that for doors
12-53-b-07	Supply and Fixing aluminium door/window, Deluxe 3" sect. Swing door single action (short handle)	Sft	42.44	632.66	m2	456.69	6,807.43		The rates include cost for fly shutters excluding that for doors
12-53-b-08	Supply and Fixing aluminium door/window, Deluxe 3" sect. Swing door single action (long handle)	Sft	42.44	646.03	m2	456.69	6,951.25		The rates include cost for fly shutters excluding that for doors
12-53-b-09	Supply and Fixing aluminium door/window, Deluxe 3" sect. Swing door double action (short handle)	Sft	42.44	632.66	m2	456.69	6,807.43		The rates include cost for fly shutters excluding that for doors
12-53-b-10	Supply and Fixing aluminium door/window, Deluxe 3" sect. Swing door double action (short handle)	Sft	42.44	583.26	m2	456.69	6,275.83		The rates include cost for fly shutters excluding that for doors
12-53-c-01	Supply and Fixing aluminium door/window, Deluxe 3.5" sect. Sliding window	Sft	42.44	496.19	m2	456.69	5,339.04		The rates include cost for fly shutters excluding that for doors
12-53-c-02	Supply and Fixing aluminium door/window, Deluxe 3.5" sect. Hinges window	Sft	42.44	508.29	m2	456.69	5,469.24		The rates include cost for fly shutters excluding that for doors
12-53-c-03	Supply and Fixing aluminium door/window, Deluxe 3.5" sect. Fixed glazing	Sft	42.44	363.09	m2	456.69	3,906.89		The rates include cost for fly shutters excluding that for doors
12-53-c-04	Supply and Fixing aluminium door/window, Deluxe 3.5" sect. Fixed arch	Sft	42.44	363.09	m2	456.69	3,906.89		The rates include cost for fly shutters excluding that for doors
12-53-c-05	Supply and Fixing aluminium door/window, Deluxe 3.5" sect. Sliding door	Sft	42.44	542.85	m2	456.69	5,841.07		The rates include cost for fly shutters excluding that for doors

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-53-c-06	Supply and Fixing aluminium door/window, Deluxe 3.5" sect. Swing door single action (short handle)	Sft	42.44	592.28	m2	456.69	6,372.96		The rates include cost for fly shutters excluding that for doors
12-53-c-07	Supply and Fixing aluminium door/window, Deluxe 3.5" sect. Swing door single action (long handle)	Sft	42.44	656.71	m2	456.69	7,066.25		The rates include cost for fly shutters excluding that for doors
12-53-d-01	Supply and Fixing aluminium door/window, Premium 4" sect. Sliding window	Sft	42.44	614.22	m2	456.69	6,609.06		The rates include cost for fly shutters excluding that for doors
12-53-d-02	Supply and Fixing aluminium door/window, Premium 4" sect. Hinges window	Sft	42.44	605.72	m2	456.69	6,517.58		The rates include cost for fly shutters excluding that for doors
12-53-d-03	Supply and Fixing aluminium door/window, Premium 4" sect. Fixed glazing	Sft	42.44	399.39	m2	456.69	4,297.47		The rates include cost for fly shutters excluding that for doors
12-53-d-04	Supply and Fixing aluminium door/window, Premium 4" sect. Fixed arch	Sft	42.44	433.08	m2	456.69	4,659.95		The rates include cost for fly shutters excluding that for doors
12-53-d-05	Supply and Fixing aluminium door/window, Premium 4" sect. Sliding door	Sft	42.44	628.97	m2	456.69	6,767.74		The rates include cost for fly shutters excluding that for doors
12-53-d-06	Supply and Fixing aluminium door/window, Premium 4" sect. Swing door single action (short handle)	Sft	42.44	628.58	m2	456.69	6,763.55		The rates include cost for fly shutters excluding that for doors
12-53-d-07	Supply and Fixing aluminium door/window, Premium 4" sect. Swing door single action (long handle)	Sft	42.44	693.16	m2	456.69	7,458.41		The rates include cost for fly shutters excluding that for doors
12-53-d-08	Supply and Fixing aluminium door/window, Premium 4" sect. Swing door double action (short handle)	Sft	42.44	727.39	m2	456.69	7,826.75		The rates include cost for fly shutters excluding that for doors
12-53-d-09	Supply and Fixing aluminium door/window, Premium 4" sect. Swing door double action (long handle)	Sft	42.44	792.19	m2	456.69	8,524.01		The rates include cost for fly shutters excluding that for doors

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-53-e-01	Supply and Fixing aluminium door/window. Other items : Fly screen shutter for Deluxe model	Sft	8.68	153.88	m2	93.40	1,655.75		The rates include cost for fly shutters excluding that for doors
12-53-e-02	Supply and Fixing aluminium door/window. Other items : Fly screen shutter for Premium model	Sft	8.68	153.88	m2	93.40	1,655.75		The rates include cost for fly shutters excluding that for doors
12-53-e-03	Supply and Fixing aluminium door/window. Other items : Fly screen shutter with separate outer frame	Sft	8.68	153.88	m2	93.40	1,655.75		The rates include cost for fly shutters excluding that for doors
12-54-a-01	Supply and Fixing aluminium bronze/black. Economy model Sliding window	Sft	42.44	544.59	m2	456.69	5,859.83		The rates include cost for fly shutters excluding that for doors
12-54-a-02	Supply and Fixing aluminium bronze/black. Economy model Hinges window	Sft	42.44	544.59	m2	456.69	5,859.83		The rates include cost for fly shutters excluding that for doors
12-54-a-03	Supply and Fixing aluminium bronze/black. Economy model Fixed louver in door frame	Sft	42.44	616.48	m2	456.69	6,633.35		The rates include cost for fly shutters excluding that for doors
12-54-a-04	Supply and Fixing aluminium bronze/black. Economy model Fixed louver in 2" frame	Sft	42.44	555.98	m2	456.69	5,982.37		The rates include cost for fly shutters excluding that for doors
12-54-b-01	Supply and Fixing aluminium bronze/black. Deluxe 3" sect. Sliding window	Sft	42.44	447.79	m2	456.69	4,818.26		The rates include cost for fly shutters excluding that for doors
12-54-b-02	Supply and Fixing aluminium bronze/black. Deluxe 3" sect. Hinges window	Sft	42.44	484.09	m2	456.69	5,208.85		The rates include cost for fly shutters excluding that for doors
12-54-b-03	Supply and Fixing aluminium bronze/black. Deluxe 3" sect. Fixed glazing	Sft	42.44	338.89	m2	456.69	3,646.49		The rates include cost for fly shutters excluding that for doors
12-54-b-04	Supply and Fixing aluminium bronze/black. Deluxe 3" sect. Fixed arch	Sft	42.44	447.79	m2	456.69	4,818.26		The rates include cost for fly shutters excluding that for doors

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-54-b-05	Supply and Fixing aluminium bronze/black. Deluxe 3" sect. Fixed louvers	Sft	42.44	555.98	m2	456.69	5,982.37		The rates include cost for fly shutters excluding that for doors
12-54-b-06	Supply and Fixing aluminium bronze/black. Deluxe 3" sect. Sliding door	Sft	42.44	518.68	m2	456.69	5,580.97		The rates include cost for fly shutters excluding that for doors
12-54-b-07	Supply and Fixing aluminium bronze/black. Deluxe 3" sect. Swing door single action (short handle)	Sft	42.44	568.08	m2	456.69	6,112.57		The rates include cost for fly shutters excluding that for doors
12-54-b-08	Supply and Fixing aluminium bronze/black. Deluxe 3" sect. Swing door single action (long handle)	Sft	42.44	583.26	m2	456.69	6,275.83		The rates include cost for fly shutters excluding that for doors
12-54-b-09	Supply and Fixing aluminium bronze/black. Deluxe 3" sect. Swing door double action (short handle)	Sft	42.44	670.85	m2	456.69	7,218.34		The rates include cost for fly shutters excluding that for doors
12-54-b-10	Supply and Fixing aluminium bronze/black. Deluxe 3" sect. Swing door double action (long handle)	Sft	42.44	716.65	m2	456.69	7,711.15		The rates include cost for fly shutters excluding that for doors
12-54-c-01	Supply and Fixing aluminium bronze/black. Deluxe 3.5" sect. Sliding window	Sft	42.44	496.19	m2	456.69	5,339.04		The rates include cost for fly shutters excluding that for doors
12-54-c-02	Supply and Fixing aluminium bronze/black. Deluxe 3.5" sect. Hinges window	Sft	42.44	508.29	m2	456.69	5,469.24		The rates include cost for fly shutters excluding that for doors
12-54-c-03	Supply and Fixing aluminium bronze/black. Deluxe 3.5" sect. Fixed glazing	Sft	42.44	363.09	m2	456.69	3,906.89		The rates include cost for fly shutters excluding that for doors
12-54-c-04	Supply and Fixing aluminium bronze/black. Deluxe 3.5" sect. Fixed arch	Sft	42.44	520.39	m2	456.69	5,599.43		The rates include cost for fly shutters excluding that for doors
12-54-c-05	Supply and Fixing aluminium bronze/black. Deluxe 3.5" sect. Sliding door	Sft	42.44	542.88	m2	456.69	5,841.36		The rates include cost for fly shutters excluding that for doors

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-54-c-06	Supply and Fixing aluminium bronze/black. Deluxe 3.5" sect. Swing door single action (short handle)	Sft	42.44	531.78	m2	456.69	5,721.98		The rates include cost for fly shutters excluding that for doors
12-54-c-07	Supply and Fixing aluminium bronze/black. Deluxe 3.5" sect. Swing door single action (long handle)	Sft	42.44	596.36	m2	456.69	6,416.84		The rates include cost for fly shutters excluding that for doors
12-54-d-01	Supply and Fixing aluminium bronze/black. Premium 4" sect. Sliding window	Sft	42.44	544.59	m2	456.69	5,859.83		The rates include cost for fly shutters excluding that for doors
12-54-d-02	Supply and Fixing aluminium bronze/black. Premium 4" sect. Hinges window	Sft	42.44	544.59	m2	456.69	5,859.83		The rates include cost for fly shutters excluding that for doors
12-54-d-03	Supply and Fixing aluminium bronze/black. Premium 4" sect. Fixed glazing	Sft	42.44	399.39	m2	456.69	4,297.47		The rates include cost for fly shutters excluding that for doors
12-54-d-04	Supply and Fixing aluminium bronze/black. Premium 4" sect. Fixed arch	Sft	42.44	544.59	m2	456.69	5,859.83		The rates include cost for fly shutters excluding that for doors
12-54-d-05	Supply and Fixing aluminium bronze/black. Premium 4" sect. Sliding door	Sft	42.44	579.18	m2	456.69	6,231.95		The rates include cost for fly shutters excluding that for doors
12-54-d-06	Supply and Fixing aluminium bronze/black. Premium 4" sect. Swing door single action (short handle)	Sft	42.44	628.58	m2	456.69	6,763.55		The rates include cost for fly shutters excluding that for doors
12-54-d-07	Supply and Fixing aluminium bronze/black. Premium 4" sect. Swing door single action (long handle)	Sft	42.44	693.16	m2	456.69	7,458.41		The rates include cost for fly shutters excluding that for doors
12-54-d-08	Supply and Fixing aluminium bronze/black. Premium 4" sect. Swing door double action (short handle)	Sft	42.44	727.39	m2	456.69	7,826.75		The rates include cost for fly shutters excluding that for doors
12-54-d-09	Supply and Fixing aluminium bronze/black. Premium 4" sect. Swing door double action (long handle)	Sft	42.44	791.97	m2	456.69	8,521.61		The rates include cost for fly shutters excluding that for doors

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-54-e-01	Supply and Fixing aluminium bronze/black. Other items : Fly screen shutter for Deluxe model	Sft	8.68	153.88	m2	93.40	1,655.75		The rates include cost for fly shutters excluding that for doors
12-54-e-02	Supply and Fixing aluminium bronze/black. Other items : Fly screen shutter for Premium model	Sft	8.68	153.88	m2	93.40	1,655.75		The rates include cost for fly shutters excluding that for doors
12-54-e-03	Supply and Fixing aluminium bronze/black. Other items : Fly screen shutter with separate outer frame	Sft	8.68	153.88	m2	93.40	1,655.75		The rates include cost for fly shutters excluding that for doors
12-55-a	Wall Panelling over 0.5" thick chipboard & wood frame (2"x0.75") 2'x2' grid : Sheesham Ply	Sft	59.54	158.76	m2	640.70	1,708.21		
12-55-b	Wall Panelling over 0.5" thick chipboard & wood frame (2"x0.75") 2'x2'grid : Lamination Sheet	Sft	44.82	159.16	m2	482.29	1,712.52		
12-55-c	Wall Panelling over 0.5" thick chipboard & wood frame (2"x0.75") 2'x2' grid : Commercial Ply	Sft	59.53	128.51	m2	640.54	1,382.75		
12-56-a	Supply and Fixing MS Sheet 16 guage(10x20 feet) box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	Rft	39.77	216.80	m	130.46	711.27		
12-56-b	Wood plastic composite door patio door leap delux (laker coated)	Rft	53.14	454.17	m2	571.82	4,886.88		
12-56-c	Wood plastic composite door patio door leap premium grade (UV coated)	Rft	53.14	495.66	m2	571.82	5,333.27		
12-56-d	Wood plastic composite door patio door with frame and beading deluxe grade (laker coated)	Sft	45.95	1,056.27	m2	494.47	11,365.42		
12-56-e	Wood plastic composite patio door with frame and beading premium grade(UV coated)	Sft	45.95	1,056.27	m2	494.47	11,365.42		
12-57-a	Wood plastic composite door Leaf only bukhara, flush or steppe type	Sft	45.95	1,450.28	m2	494.47	15,605.03		
12-57-b	Wood plastic composite door Leaf rock type single side	Sft	45.95	1,450.28	m2	494.47	15,605.03		
12-57-c	Wood plastic composite door rock type single type with frame and beading	Sft	45.95	1,450.28	m2	494.47	15,605.03		
12-58	Wood plastic composite door image type single side with frame and beading	Sft	45.95	1,450.28	m2	494.47	15,605.03		
12-59	Wood plastic composite door carving type single side with frame and beading	Sft	45.95	1,450.28	m2	494.47	15,605.03		
12-60-a	Composite windows deluxe grade (laker coated)	Sft	20.16	902.48	m2	216.91	9,710.71		
12-60-b	Composite windows premium grade (UV coated)	Sft	20.09	945.92	m2	216.15	10,178.13		
12-61-a	Wood Plastic Fly Screen Delux Grade	Sft	29.76	339.04	m2	320.22	3,648.03		
12-61-b	Wood Plastic Screen Premium Grade	Sft	29.76	357.91	m2	320.22	3,851.13		
12-61-c	Wood Plastic Screen Door Frame Only	Rft	44.64	387.31	m	146.46	1,270.71		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-61-d	Wood Plastic Screen Beading Smaller	Sft	44.64	84.57	m	146.46	277.46		
12-61-e	Wood Plastic Screen Beading larger	Sft	44.64	128.86	m	146.46	422.76		
12-62-a	Kitchen Floor Cabinet as per MES Design/Specification..	Sft	139.50	804.05	m2	1,501.02	8,651.53		
12-62-b	Kitchen Wall Cabinet as per MES Design/Specification.	Sft	111.60	623.24	m2	1,200.82	6,706.11		
12-62-c	Providing and Fixing Sink Cabinet as per MES Design/Specification.	Each	1,674.00	7,255.32	Each	1,674.00	7,255.32		
12-63	Supply and fixing UPVC Flush doors with 60mm wide frame 2-2.5mm wall thickness inclusive of all accessories and galvanized iron support in any available Plain colour	Sft	113.09	917.50	m2	1,216.83	9,872.26		
12-64	Supply and fixing UPVC Fancy doors with 60mm wide frame 2-2.5mm wall thickness inclusive of all accessories and galvanized iron support in any available Plain colour	Sft	135.41	1,099.54	m2	1,456.99	11,831.01		
12-65	Supply and fixing UPVC Fancy doors with 60mm wide frame 2-2.5mm wall thickness inclusive of all accessories and galvanized iron support in Wood texture.	Sft	135.41	1,440.76	m2	1,456.99	15,502.53		
12-66	Supply and fixing UPVC Partially glazed doors with 60mm wide frame 2-2.5mm wall thickness inclusive of all accessories and galvanized iron support in any available Plain colour	Sft	132.43	990.56	m2	1,424.97	10,658.47		
12-67	Supply and fixing UPVC Full glazed doors with 60mm wide frame 2-2.5mm wall thickness inclusive of all accessories and galvanized iron support in any available Plain colour	Sft	132.43	954.26	m2	1,424.97	10,267.88		
12-68	Supply and fixing UPVC full glazed sliding windows with 80mm wide frame 2-2.2mm wall thicknesses inclusive of all accessories and galvanized iron support in any available plain colour I/c fly screen shutter without glass pan.	Sft	78.86	652.40	m2	848.58	7,019.87		
12-69	Supply and fixing UPVC full glazed sliding windows with 80mm wide frame 2-2.2mm wall thicknesses inclusive of all accessories and galvanized iron support in any available plain colour without fly screen shutter and without glazing.	Sft	78.86	591.42	m2	848.58	6,363.68		
12-70	Supply and fixing UPVC full glazed openable windows with 60mm wide frame 2-2.2mm wall thicknesses inclusive of all accessories and galvanized iron support in any available plain colour without glass pans.	Sft	102.67	833.03	m2	1,104.75	8,963.38		
12-71	Supply and fixing UPVC full glazed Fixed windows with 80mm wide frame 2-2.2mm wall thicknesses inclusive of all accessories and galvanized iron support in any available plain colour without glass pans.	Sft	63.98	519.91	m2	688.47	5,594.25		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
12-72	Supply and fixing UPVC full glazed sliding windows with 80mm wide frame 2-2.2mm wall thicknesses inclusive of all accessories and galvanized iron support in wooden texture I/c fly screen shutter without glass pan.	Sft	80.35	928.32	m2	864.59	9,988.72		
12-73	Supply and fixing UPVC full glazed sliding windows with 80mm wide frame 2-2.2mm wall thicknesses inclusive of all accessories and galvanized iron support in wooden texture without fly screen shutter without glazing.	Sft	80.35	849.91	m2	864.59	9,145.05		
12-74	Supply and fixing UPVC full glazed openable windows with 60mm wide frame 2-2.2mm wall thicknesses inclusive of all accessories and galvanized iron support in wooden texture without glass panes	Sft	102.67	1,139.40	m2	1,104.75	12,259.94		
12-75	Supply and fixing UPVC full glazed fixed windows with 80mm wide frame 2-2.2mm wall thicknesses inclusive of all accessories and galvanized iron support in wooden texture without glass panes	Sft	63.98	795.79	m2	688.47	8,562.72		
12-76	Supply and fixing UPVC full glazed fixed lowvers windows with 80mm wide frame 2-2.2mm wall thicknesses inclusive of all accessories and galvanized iron support in any available plain colours without glass panes	Sft	137.64	1,050.95	m2	1,481.01	11,308.20		

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Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
13-01	Cleaning painted woodwork with oil & water	100 Sft	74.40	143.98	m2	8.01	15.49		
13-02	Oiling woodwork with boiled linseed oil	100 Sft	74.40	162.13	m2	8.01	17.44		
13-03	Brushing & scraping blisters of old paints from woodwork	100 Sft	186.00	186.00	m2	20.01	20.01		
13-04	Scraping, brushing and removing old paint, from metal surface	100 Sft	744.00	744.00	m2	80.05	80.05		
13-05-a-01	Painting old corrugated surfaces, pent roofing etc. with oil paint : First coat	100 Sft	368.28	746.41	m2	39.63	80.31		
13-05-a-02	Painting old corrugated surfaces, pent roofing etc. with oil paint : Each subsequent coat	100 Sft	279.00	577.27	m2	30.02	62.11		
13-05-b-01	Painting old surfaces : Sashes, fanlights, doors or windows : First coat	100 Sft	223.20	437.98	m2	24.02	47.13		
13-05-b-02	Painting old surfaces : Sashes, fanlights, doors or windows : Each subsequent coat	100 Sft	189.72	364.57	m2	20.41	39.23		
13-05-c-01	Painting old surfaces : Doors / windows any type First coat	100 Sft	368.28	746.41	m2	39.63	80.31		
13-05-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100 Sft	279.00	577.27	m2	30.02	62.11		
13-05-d-01	Painting old surfaces : Guard bars, gratings, railing & similar open work : First coat	100 Sft	223.20	437.98	m2	24.02	47.13		
13-05-d-02	Painting old surfaces : Guard bars, gratings, railing & similar work : Each subsequent coat	100 Sft	189.72	364.57	m2	20.41	39.23		
13-05-e-01	Painting old surfaces : Fillets, framing, skirting pipes, etc. less than 6" girth : First coat	100 Rft	189.72	379.81	m	6.22	12.46		
13-05-e-02	Painting old surfaces : Fillets, framing, skirting pipes, etc. less than 6" girth : Each subseq. coat	100 Rft	133.92	284.08	m	4.39	9.32		
13-05-f-01	Painting old surfaces : Small detached articles Not exceeding 1 sft : First coat	100 No.	837.00	1,541.82	100 No.	837.00	1,541.82		
13-05-f-02	Painting old surfaces : Small detached articles Not exceeding 1 sft : Each subsequent coat	100 No.	651.00	1,108.98	100 No.	651.00	1,108.98		
13-05-g-01	Painting old surfaces : Small detached articles 1sft-3sft area : First coat	100 No.	1,674.00	3,026.78	100 No.	1,674.00	3,026.78		
13-05-g-02	Painting old surfaces : Small detached articles 1sft-3sft area : Each subsequent coat	100 No.	930.00	1,738.28	100 No.	930.00	1,738.28		
13-06-a-01	Prepare & Paint new corrugated surface, pent roofing etc : Priming coat	100 Sft	416.64	958.11	m2	44.83	103.09		
13-06-a-02	Prepare & Paint new corrugated surface, pent roofing etc : Each subsequent coat of paint	100 Sft	215.76	677.38	m2	23.22	72.89		
13-06-b-01	Prepare & Paint new surface, sashes, doors & windows etc : Priming coat	100 Sft	249.24	587.43	m2	26.82	63.21		
13-06-b-02	Prepare & Paint new surface, sashes, doors & windows etc : Each subsequent coat of paint	100 Sft	133.92	414.04	m2	14.41	44.55		
13-06-c-01	Prepare & Paint new surface, doors & windows Priming coat	100 Sft	416.64	958.11	m2	44.83	103.09		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
13-06-c-02	Prepare & Paint new surface, doors & windows Each subsequent coat of paint	100 Sft	215.76	677.38	m2	23.22	72.89		
13-06-d-01	Prepare & Paint new surfaces of guard bars, railing & similar open work : Priming coat	100 Sft	249.24	556.58	m2	26.82	59.89		
13-06-d-02	Prepare & Paint new surfaces of guard bars, railing & similar work : Each subsequent coat	100 Sft	133.92	383.18	m2	14.41	41.23		
13-06-e-01	Prepare & Paint new surface of fillets, framing, skirtings etc : Priming coat	100 Rft	189.72	443.09	m	6.22	14.54		
13-06-e-02	Prepare & Paint new surface of fillets, framing, skirtings etc : Each subsequent coat of paint	100 Rft	89.28	295.46	m	2.93	9.69		
13-06-f-01	Prepare & Paint new surface of small detached articles upto 1 sft : Priming coat	100 No.	837.00	1,873.97	100 No.	837.00	1,873.97		
13-06-f-02	Prepare & Paint new surface of small detached articles upto 1 sft : Each subsequent coat	100 No.	420.36	1,257.68	100 No.	420.36	1,257.68		
13-06-g-01	Prepare & paint surf. of small detached articles 1sft - 3sft area : Priming coat	100 No.	1,674.00	3,685.63	100 No.	1,674.00	3,685.63		
13-06-g-02	Prepare & paint surf. of small detached articles 1sft - 3sft area : Subsequent coat of paint	100 No.	744.00	2,247.43	100 No.	744.00	2,247.43		
13-06-h	Extra for knotting & stopping to prime coat on new surface of wood	100 Sft	44.64	149.18	m2	4.80	16.05		
13-06-i	Providing and applying 3 coats of approved type of Plastic emulsion paint to Plastic surface as per manufucture specification.	100 Sft	1,116.00	4,084.96	m2	120.08	439.54		
13-07-a	Khanki mixture, applied hot to barrage gates First coat	2000 Sft	5,580.00	12,375.42	m2	30.02	66.58		
13-07-b	Khanki mixture, applied hot to barrage gates Second coat	2000 Sft	4,240.80	9,010.83	m2	22.82	48.48		
13-08-a	French polishing complete: On new work	100 Sft	3,720.00	4,804.64	m2	400.27	516.98		
13-08-b	French polishing complete: On old work	100 Sft	1,860.00	2,417.02	m2	200.14	260.07		
13-09-a	Varnishing wood work, including cleaning & preparing surface : First coat	100 Sft	223.20	762.62	m2	24.02	82.06		
13-09-b	Varnishing wood work, including cleaning & preparing surface : Second coat	100 Sft	111.60	520.62	m2	12.01	56.02		
13-09-c	Varnishing wood work, including cleaning & preparing surface : Third coat	100 Sft	111.60	445.12	m2	12.01	47.90		
13-10-a	Bitumen coating to plastered / cement concrete surface : 20 Ibs. per 100 sft.	100 Sft	111.60	1,049.87	m2	12.01	112.97		
13-10-b	Bitumen coating to plastered / cement concrete surface : 14 Ibs. per 100 sft.	100 Sft	669.60	1,350.89	m2	72.05	145.36		
13-10-c	Bitumen coating to plastered / cement concrete surface : 10 Ibs. per 100 sft.	100 Sft	446.40	956.24	m2	48.03	102.89		
13-11	Writing letters or figures	Each	6.70	8.05	Each	6.70	8.05		
13-12-a	Coaltar paint applied hot: First coat	100 Sft	122.76	820.90	m2	13.21	88.33		
13-12-b	Coaltar paint applied hot: Second coat	100 Sft	74.40	602.08	m2	8.01	64.78		

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Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
13-13-a	Solignum paint applied hot: First coat	100 Sft	245.52	786.99	m2	26.42	84.68		
13-13-b	Solignum paint applied hot: Second coat	100 Sft	126.48	1,010.99	m2	13.61	108.78		
13-14-a	Creosote paint applied hot: First coat	100 Sft	245.52	610.82	m2	26.42	65.72		
13-14-b	Creosote paint applied hot: Second coat	100 Sft	126.48	374.23	m2	13.61	40.27		
13-15	Burning off or rubbing down with pumice stone, old paint from wood work	100 Sft	465.00	861.59	m2	50.03	92.71		
13-16	Removing with caustic soda,old paint from wood work	100 Sft	186.00	240.45	m2	20.01	25.87		
13-17	Painting distance marks with white ground and black letterin on both faces	Each	33.48	87.63	Each	33.48	87.63		
13-18	Painting two feet wide gauges, reading to 1/10th of a foot.	100 RFT	7,485.37	8,939.95	m	245.58	293.31		
13-19	Painting sounding rods and other guages, reading to 1/10th of a foot	100 RFT	3,742.68	4,243.28	m	122.79	139.22		
13-20	Painting levelling staves	100 RFT	11,114.63	11,813.41	m	364.65	387.58		
13-21-a	Painting & lettering (2 coats) on both sides with syn. enamel paint : Mile/km posts	Each	279.00	413.61	Each	279.00	413.61		The ratio in the rate of 1st coat to 2nd coat is 60 % to 40 % in the labour as well as composite rate
13-21-b	Painting & lettering (2 coats) on both sides with syn. enamel paint : Furlong or 1/10 km posts	Each	34.93	51.79	Each	34.93	51.79		
13-21-c	Painting & lettering (2 coats) on both sides with syn. enamel paint : Sign posts	Each	368.28	502.89	Each	368.28	502.89		
13-22	Removing paint or varnish from wall	100 Sft	372.00	372.00	m2	40.03	40.03		
13-23-a	Scraing of Khanki paint from barrage gates	100 Sft	4.65	125.65	m2	0.50	13.52		
13-23-b	Scraping of Aluminium paint from barrage headworks	100 Sft	93.00	214.00	m2	10.01	23.03		
13-24	Painting letters with shade	letter	17.86	25.22	letter	17.86	25.22		
13-25	Scraping rust from old rails or girders	100 Sft	558.00	679.00	m2	60.04	73.06		
13-26	Chiselling old paint from brick work	100 Sft	744.00	865.00	m2	80.05	93.07		
13-27	Cleaning glasses with chalk and spirit etc	100 Sft	372.00	493.00	m2	40.03	53.05		
13-28	Cleaning and oiling rafter or rolled steel beams	100 Sft	186.00	198.64	m2	20.01	21.37		
13-29	Cleaning and painting punkha poles, including fixing hooks	Each	372.00	400.74	Each	372.00	400.74		
13-30-a	Preparing surface and painting with emulsion paint : First coat	100 Sft	446.40	1,025.99	m2	48.03	110.40		
13-30-b	Preparing surface and painting with emulsion paint : 2nd & each subsequent coat.	100 Sft	223.20	455.40	m2	24.02	49.00		
13-31	Pavement Marking using Reflective Chlorinated Rubber Paint with Glass Beads as per specification	100 Sft	744.00	3,470.98	m2	80.05	373.48		
13-33	Repainting of ceiling fan (all sizes & types) incl painting of blades, canopy etc with syn. enamel	Job	52.08	178.66	Job	52.08	178.66		
13-34	Repainting of iron poles with cross arms, with bitumen or other approved paint	Job	372.00	452.46	Job	372.00	452.46		

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Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
13-35-a	Repainting of pipes and specials of GI, MS or PVC conduit etc : Upto 1.5" i/d	100 RFT	226.83	505.32	m	7.44	16.58		
13-35-b	Repainting of pipes and specials of GI, MS or PVC conduit etc : From 1.5" to 2" i/d	100 RFT	340.24	833.65	m	11.16	27.35		
13-35-c	Repainting of pipes and specials of GI, MS or PVC conduit etc : From 2" to 4" i/d	100 RFT	453.66	1,047.15	m	14.88	34.36		
13-36	Repainting main switches & branch distribution boards of all sizes & types with approved paint	Job	55.80	114.03	Job	55.80	114.03		
13-37	Extra labour for painting, varnishing etc from 20' height & above, for every additional 10'	100/coat	66.96	66.96	m2	7.20	7.20		The height will be taken from the floor, road or ground underneath, as the case may be, on side towards which the work is to be done.
13-38-a	Preparing surface & painting with snowcem / weathershield paint : First coat	100/coat	558.00	1,004.01	m2	60.04	108.03		
13-38-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coats	100/coat	279.00	520.40	m2	30.02	55.99		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
14-01-a	Providing and Fixing glazed earthen ware WC European type excluding cost of seat & cover : White	Each	368.28	4,058.78	Each	368.28	4,058.78		
14-01-b	Providing and Fixing glazed earthen ware WC European type excluding cost of seat & cover : Coloured	Each	368.28	4,542.78	Each	368.28	4,542.78		
14-02-a	Providing and Fixing double seat & cover only : Bakelite	Each	7.44	476.32	Each	7.44	476.32		
14-02-b	Providing and Fixing double seat & cover only : Plastic	Each	7.44	592.27	Each	7.44	592.27		
14-03-a	Providing and Fixing glazed earthen ware WC squatting type with built-in foot rests : White	Each	334.80	1,363.30	Each	334.80	1,363.30		
14-03-b	Providing and Fixing glazed earthen ware WC squatting type with built-in foot rests : Coloured	Each	334.80	1,706.13	Each	334.80	1,706.13		
14-04	Providing and Fixing white glazed earthernware WC squatting type with separate foot rests	Each	334.80	1,248.35	Each	334.80	1,248.35		
14-05-a-01	Providing and Fixing glazed earthen ware WHB complete Size 22"x16" : White with pedestal	Each	446.40	2,057.72	Each	446.40	2,057.72		
14-05-a-02	Providing and Fixing glazed earthen ware WHB complete Size 22"x16" : Coloured with pedestal	Each	446.40	1,724.97	Each	446.40	1,724.97		
14-05-a-03	Providing and Fixing glazed earthen ware WHB complete Size 22"x16" : White without pedestal	Each	334.80	1,410.69	Each	334.80	1,410.69		
14-05-a-04	Providing and Fixing glazed earthen ware WHB complete Size 22"x16' : Coloured without pedestal	Each	334.80	1,471.19	Each	334.80	1,471.19		
14-05-b-01	Providing and Fixing glazed earthen ware WHB complete Size 25"x18" : White with pedestal	Each	446.40	3,034.79	Each	446.40	3,034.79		
14-05-b-02	Providing and Fixing glazed earthen ware WHB complete Size 25"x18" : Coloured with pedestal	Each	446.40	3,049.92	Each	446.40	3,049.92		
14-05-b-03	Providing and Fixing glazed earthen ware WHB complete Size 25"x18" : White without pedestal	Each	334.80	1,698.07	Each	334.80	1,698.07		
14-05-b-04	Providing and Fixing glazed earthen ware WHB complete Size 25"x18" : Coloured without pedestal	Each	334.80	1,879.57	Each	334.80	1,879.57		
14-06-a	Providing and Fixing stainless steel sink with drain board size 48"x24", including set of brackets, waste pipe etc	Each	446.40	4,743.92	Each	446.40	4,743.92		
14-06-b	Providing and fixing stainless steel sink with drain board size 18"x36" including set of brackets, waste pipe etc	Each	446.40	2,172.67	Each	446.40	2,172.67		
14-06-c	Providing and fixing stainless steel sink with drain board size 18"x48" including set of brackets, waste pipe etc	Each	446.40	1,839.92	Each	446.40	1,839.92		
14-06-d	Providing and fixing stainless steel sink with drain board size 20"x60" including set of brackets, waste pipe etc	Each	446.40	7,345.42	Each	446.40	7,345.42		
14-06-e	Providing and fixing stainless steel sink with drain board size 20"x72" including set of brackets, waste pipe etc	Each	446.40	8,434.42	Each	446.40	8,434.42		
14-07	Providing and Fixing terrazzo concrete sink 25"x18", with drain board of mosaic, including set of brackets etc	-	-	-	-	-	-		DELETED
14-08-a	Providing and Fixing glazed earthen ware sink including set of brackets, waste pipe etc : 25"x18"	-	-	-	-	-	-		DELETED

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
14-08-b	Providing and Fixing glazed earthen ware sink including set of brackets, waste pipe etc : 25"x18"	-	-	-	-	-	-		DELETED
14-09	Providing and Fixing white glazed earthernware flat back urinal	Each	446.40	1,765.30	Each	446.40	1,765.30		
14-10-a	Providing and Fixing glazed earthen ware low down flushing cistern 3 gallons capacity : White	Each	446.40	1,879.24	Each	446.40	1,879.24		
14-10-b	Providing and Fixing glazed earthen ware low down flushing cistern 3 gallons capacity : Coloured	Each	446.40	1,951.84	Each	446.40	1,951.84		
14-11	Providing and Fixing white enamelled CI low down flushing cistern (3 gallons capacity) including CP water connection	-	-	-	-	-	-		DELETED
14-12-a	Providing and Fixing cast iron high level flushing cistern, including high level flushing cistern including CP : 3 gallons	-	-	-	-	-	-		DELETED
14-12-b	Providing and Fixing cast iron high level flushing cistern, including high level flushing cistern including CP : 1 gallon	-	-	-	-	-	-		DELETED
14-13	Providing and Fixing CP soap dish.	Each	52.08	505.83	Each	52.08	505.83		
14-14-a	Providing and Fixing glazed earthen ware soap dish White	Each	52.08	278.95	Each	52.08	278.95		
14-14-b	Providing and Fixing glazed earthen ware soap dish Coloured	Each	52.08	475.58	Each	52.08	475.58		
14-15	Providing and Fixing CP toilet paper holder	Each	52.08	378.78	Each	52.08	378.78		
14-16-a	Providing and Fixing CP towel rail : 24" long, 3/4" dia	Each	52.08	505.83	Each	52.08	505.83		
14-16-b	Providing and Fixing CP towel rail : 20" long, 1/2" dia	Each	52.08	306.18	Each	52.08	306.18		
14-17	Providing and Fixing best quality 5mm mirror 22"x16" size	Each	139.50	774.75	Each	139.50	774.75		
14-18-a	Providing and Fixing best quality 5mm glass shelf 24"x5" With chromium plated brackets & railing	Each	59.52	634.27	Each	59.52	634.27		
14-18-b	Providing and Fixing best quality 5mm glass shelf 24"x5" Glass shelf only, w/o chromium plated brackets	Each	22.32	415.57	Each	22.32	415.57		
14-19-a	Providing and Fixing glazed earthen ware shelf 24"x5" with CP brackets & railing of : 24" length, 3/4" dia	Each	59.52	422.52	Each	59.52	422.52		
14-19-b	Providing and Fixing glazed earthen ware shelf 24"x5" with CP brackets & railing of : 20" length, 1/2" dia	Each	59.52	543.52	Each	59.52	543.52		
14-20-a	Providing and Fixing Plastic soap dish.	Each	52.08	191.23	Each	52.08	191.23		
14-20-b	Providing and Fixing Plastic toilet paper holder.	Each	52.08	185.18	Each	52.08	185.18		
14-20-c	Providing and Fixing Plastic towel rail.	Each	52.08	188.21	Each	52.08	188.21		
14-20-d	Providing and Fixing Plastic shelf 24"x5" with	Each	52.08	203.33	Each	52.08	203.33		
14-21-a	Providing and Fixing CP pillar-cock, heavy type : 3/4"	Each	52.08	672.21	Each	52.08	672.21		
14-21-b	Providing and Fixing CP pillar-cock, heavy type : 1/2"	Each	52.08	588.11	Each	52.08	588.11		
14-22-a	Providing and Fixing CP stop-cock, heavy type : 3/4"	Each	52.08	747.83	Each	52.08	747.83		
14-22-b	Providing and Fixing CP stop-cock, heavy type : 1/2"	Each	52.08	439.28	Each	52.08	439.28		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
14-23	Providing and Fixing underground stop-cock 1/2" with CP cover	Each	59.52	485.44	Each	59.52	485.44		
14-24-a	Providing and Fixing CP bib-cock, heavy type : 3/4"	Each	52.08	651.03	Each	52.08	651.03		
14-24-b	Providing and Fixing CP bib-cock, heavy type : 1/2"	Each	52.08	520.96	Each	52.08	520.96		
14-25	Providing and Fixing 1/2" CP tee stop cock	Each	52.08	747.83	Each	52.08	747.83		
14-26-a	Providing and Fixing CP shower rose : 1/2"x4"	Each	52.08	384.83	Each	52.08	384.83		
14-26-b	Providing and Fixing CP shower rose : 3/4"x6"	Each	52.08	505.83	Each	52.08	505.83		
14-27	Providing and Fixing CP mixing valve for WHB, sink or shower	Each	52.08	5,981.08	Each	52.08	5,981.08		
14-28-a	Providing and Fixing gun metal peet / gate valve (screwed) 1" dia	Each	59.52	1,148.52	Each	59.52	1,148.52		Reduce the composite rate by 10 % incase brase peet / gate valve are used.
14-28-b	Providing and Fixing gun metal peet / gate valve (screwed) 1.25" dia	Each	59.52	1,269.52	Each	59.52	1,269.52		
14-28-c	Providing and Fixing gun metal peet / gate valve (screwed) 1.75" dia	Each	59.52	1,844.27	Each	59.52	1,844.27		
14-28-d	Providing and Fixing gun metal peet / gate valve (screwed) 2" dia	Each	59.52	4,022.27	Each	59.52	4,022.27		
14-28-e	Providing and Fixing gun metal peet / gate valve (screwed) 3" dia	Each	59.52	3,447.52	Each	59.52	3,447.52		
14-29-a	Providing and Fixing CP or brass oxidized swan-neck cock 1/2" dia : Single way	Each	52.08	778.08	Each	52.08	778.08		
14-29-b	Providing and Fixing CP or brass oxidized swan-neck cock 1/2" dia : Double way	Each	59.52	2,165.52	Each	59.52	2,165.52		
14-29-c	Providing and Fixing CP or brass oxidized swan-neck cock 1/2" dia : Three way	Each	74.40	2,494.40	Each	74.40	2,494.40		
14-30-a	Providing and Fixing brass union 1/2" dia	Each	52.08	294.08	Each	52.08	294.08		
14-30-b	Providing and Fixing brass union 3/4" dia	Each	52.08	445.33	Each	52.08	445.33		
14-31-a	Providing and Fixing CI floor trap including CI grating & concrete chamber all round : 4"x2"	Each	111.60	371.75	Each	111.60	371.75		
14-31-b	Providing and Fixing CI floor trap including CI grating & concrete chamber all round : 4"x3"	Each	111.60	671.22	Each	111.60	671.22		
14-32-a	Providing and Fixing 'P' trap including GI grating & PCC chamber 4" of cast iron	Each	100.44	826.44	Each	100.44	826.44		
14-32-b	Providing and Fixing 'P' trap including GI grating & PCC chamber 4" glazed	Each	100.44	300.09	Each	100.44	300.09		
14-33	Providing and Fixing 4" gully trap with PCC, including masonry chamber 1'x1' and PVC grating 6"x6"	Each	167.40	580.82	Each	167.40	580.82		
14-34-a-01	Providing and fitting CI soil pipe with : Lead & yarn caulked joint : 4" dia.	Rft	34.02	628.00	m	111.63	2,060.36		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
14-34-a-02	Providing and fitting CI soil pipe with : Lead & yarn caulked joint : 2" dia.	Rft	17.01	332.62	m	55.81	1,091.27		
14-34-b-01	Providing and fitting CI soil pipe with : Cement caulked joint : 4" dia	Rft	34.02	591.70	m	111.63	1,941.26		
14-34-b-02	Providing and fitting CI soil pipe with : Cement caulked joint : 2" dia	Rft	17.01	282.61	m	55.81	927.19		
14-35-a	Providing and Fixing AC soil pipe with cement caulked joint including all specials : 1¬" i/d	Rft	8.51	93.75	m	27.91	307.59		
14-35-b	Providing and Fixing AC soil pipe with cement caulked joint including all specials : 3¬" i/d	Rft	10.21	182.31	m	33.49	598.12		
14-35-c	Providing and Fixing AC soil pipe with cement caulked joint including all specials : 4" i/d	Rft	17.01	229.77	m	55.81	753.83		
14-35-d	Providing and Fixing AC soil pipe with cement caulked joint including all specials : 6" i/d	Rft	27.22	358.96	m	89.30	1,177.69		
14-36-a	Providing and Fixing CI specials, such as tees, bends etc Lead caulked joint	Each	139.50	723.61	Each	139.50	723.61		Increase the composite rate by 3 %, in case of plug type.
14-36-b	Providing and Fixing CI specials, such as tees, bends etc Cement caulked joint	Each	139.50	559.37	Each	139.50	559.37		
14-37-a	Supply and Fixing CI manhole cover with frame etc complete 12" dia	Each	63.24	938.47	Each	63.24	938.47		
14-37-b	Supply and Fixing CI manhole cover with frame etc complete 18" dia	Each	63.24	1,878.24	Each	63.24	1,878.24		
14-37-c	Supply and Fixing CI manhole cover with frame etc complete 24" dia	Each	63.24	3,330.24	Each	63.24	3,330.24		
14-37-d	Providing & Fixing Steel manhole cover with frame 18"x18" full heavy duty	Each	279.00	2,565.90	Each	279.00	2,565.90		
14-38	Providing and Fixing RCC pipe 4" dia, including laying & jointing in trenches	Rft	91.87	247.53	m	301.40	812.12		
14-39-a	Providing and Fixing brass stop/bib cock : 1/2" dia	Each	52.08	177.52	Each	52.08	177.52		
14-39-b	Providing and Fixing brass stop/bib cock : 3/4" dia	Each	52.08	248.91	Each	52.08	248.91		
14-40	Hoisting & Placing in position precast RC latrine seat	Each	279.00	279.00	Each	279.00	279.00		
14-41-a	Providing and Fixing CP waste coupling : 1.25"	Each	59.52	310.80	Each	59.52	310.80		
14-41-b	Providing and Fixing CP waste coupling : 1.5"	Each	59.52	440.67	Each	59.52	440.67		
14-42-a	Providing and Fixing rubber plug with chain : 1.25"	Each	2.23	81.49	Each	2.23	81.49		
14-42-b	Providing and Fixing rubber plug with chain : 1.5"	Each	2.23	23.41	Each	2.23	23.41		
14-43-a	Providing and Fixing waste pipe of PVC : 1.25"	Each	52.08	115.61	Each	52.08	115.61		
14-43-b	Providing and Fixing waste pipe of PVC : 1.5"	Each	52.08	133.76	Each	52.08	133.76		
14-44-a	Providing and Fixing flushing bend of PVC : 1.25"	Each	37.20	103.75	Each	37.20	103.75		
14-44-b	Providing and Fixing flushing bend of PVC : 1.5"	Each	37.20	115.85	Each	37.20	115.85		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
14-45-a	Providing and Fixing CP bottle trough with waste pipe : 1.25" i/d	Each	59.52	1,148.52	Each	59.52	1,148.52		
14-45-b	Providing and Fixing CP bottle trough with waste pipe : 1.5" i/d	Each	59.52	1,390.52	Each	59.52	1,390.52		
14-46-a	Providing and Fixing angle iron brackets for : WHB and cistern	Each	59.52	219.85	Each	59.52	219.85		
14-46-b	Providing and Fixing angle iron brackets for : Sink	Each	59.52	220.45	Each	59.52	220.45		
14-47-a	Providing and Fixing 1/2" dia connection including check nuts etc Plastic rubber connection	Each	22.32	143.32	Each	22.32	143.32		
14-47-b	Providing and Fixing 1/2" dia connection including check nuts etc Copper connection	Each	22.32	185.67	Each	22.32	185.67		
14-47-c	Providing and Fixing 1/2" dia connection including check nuts etc CP connection	Each	22.32	179.62	Each	22.32	179.62		
14-48-a	Providing and Fixing brass ball float valve 1/2" dia	Each	52.08	274.11	Each	52.08	274.11		
14-48-b	Providing and Fixing brass ball float valve 3/4" dia	Each	52.08	320.10	Each	52.08	320.10		
14-48-c	Providing and Fixing brass ball float valve 1" dia	Each	52.08	512.69	Each	52.08	512.69		
14-48-d	Providing and Fixing brass ball float valve 1.25" dia	Each	52.08	577.22	Each	52.08	577.22		
14-48-e	Providing and Fixing brass ball float valve 1.5" dia	Each	52.08	844.63	Each	52.08	844.63		
14-48-f	Providing and Fixing brass ball float valve 2" dia	Each	52.08	1,110.83	Each	52.08	1,110.83		
14-49-a	Providing and Fixing 4" dia MS high pressure seamwelded pipe & specials complete : 2" dia	Rft	139.54	381.54	m	457.81	1,251.77		
14-49-b	Providing and Fixing 4" dia MS high pressure seamwelded pipe & specials complete : 1" dia	Rft	111.63	329.43	m	366.25	1,080.82		
14-50-a	Providing and Fixing Audco type valve : 4" dia	Each	558.00	12,083.25	Each	558.00	12,083.25		
14-50-b	Providing and Fixing Audco type valve : 2" dia	Each	223.20	4,155.70	Each	223.20	4,155.70		
14-50-c	Providing and Fixing Audco type valve : 1" dia	Each	167.40	2,315.15	Each	167.40	2,315.15		
14-51-a	Providing and Fixing pressure regulator : No. 103	Each	186.00	2,001.00	Each	186.00	2,001.00		
14-51-b	Providing and Fixing pressure regulator : No. 043	Each	186.00	1,154.00	Each	186.00	1,154.00		
14-51-c	Providing and Fixing pressure regulator : People type	Each	186.00	887.80	Each	186.00	887.80		
14-52-a	Providing and Fixing high pressure flange type valve : 4" dia	Each	558.00	12,053.00	Each	558.00	12,053.00		
14-52-b	Providing and Fixing high pressure flange type valve : 2" dia	Each	223.20	5,668.20	Each	223.20	5,668.20		
14-52-c	Providing and Fixing high pressure flange type valve : 1" dia	Each	111.60	2,289.60	Each	111.60	2,289.60		
14-53	Providing and Fixing nipple or bush 1/4" to 3/8" i/d	Each	22.32	43.49	Each	22.32	43.49		
14-54-a	Providing and Fixing eclipse cock : 1" dia	Each	111.60	982.80	Each	111.60	982.80		
14-54-b	Providing and Fixing eclipse cock : 3/4" dia	Each	111.60	953.76	Each	111.60	953.76		
14-55-a	Providing and Fixing GI pipe & including specials complete 2" dia (light)	Rft	42.87	237.00	m	140.65	777.57		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
14-55-b	Providing and Fixing GI pipe & including specials complete 1.5" dia (light)	Rft	42.87	196.04	m	140.65	643.19		
14-55-c	Providing and Fixing GI pipe & including specials complete 1.25" dia (light)	Rft	42.87	162.76	m	140.65	533.98		
14-55-d	Providing and Fixing GI pipe & including specials complete 1" dia (light)	Rft	25.18	115.79	m	82.61	379.90		
14-55-e	Providing and Fixing GI pipe & including specials complete 3/4" dia (light)	Rft	25.06	84.91	m	82.23	278.56		
14-55-f	Providing and Fixing GI pipe & including specials complete 1/2" dia (light)	Rft	21.44	63.19	m	70.33	207.32		
14-56-a	Providing and Fixing oxidized gas cock : 1" dia.	Each	18.60	521.96	Each	18.60	521.96		
14-56-b	Providing and Fixing oxidized gas cock : 3/4" dia.	Each	18.60	292.06	Each	18.60	292.06		
14-56-c	Providing and Fixing oxidized gas cock : 1/2" dia.	Each	18.60	258.79	Each	18.60	258.79		
14-57-a	Providing and Fixing brass gas cock : 1/2" dia	Each	3.72	177.96	Each	3.72	177.96		
14-57-b	Providing and Fixing brass gas cock : 3/4" dia	Each	3.72	335.26	Each	3.72	335.26		
14-58-a	Providing and Fixing 1/4" CP or oxidized gas cock Single way	Each	22.32	107.02	Each	22.32	107.02		
14-58-b	Providing and Fixing 1/4" CP or oxidized gas cock Two way	Each	37.20	182.40	Each	37.20	182.40		
14-58-c	Providing and Fixing 1/4" CP or oxidized gas cock Three way	Each	59.52	241.02	Each	59.52	241.02		
14-59-a	Providing and Fixing approved best quality light burners Single	Each	744.00	2,034.67	Each	744.00	2,034.67		
14-59-b	Providing and Fixing approved best quality light burners Double	Each	744.00	2,922.00	Each	744.00	2,922.00		
14-60-a	Providing and Fixing approved best quality gas room heaters Single pannel	Each	744.00	3,406.00	Each	744.00	3,406.00		
14-60-b	Providing and Fixing approved best quality gas room heaters Double pannel	Each	744.00	4,132.00	Each	744.00	4,132.00		
14-61-a	Providing and Fixing approved best quality cooking range with 2 burners & oven	-	-	-	-	-	-		DELETED
14-61-b	Providing and Fixing approved best quality cooking range with 2 burners, oven & rostary	-	-	-	-	-	-		DELETED
14-61-c	Providing and Fixing approved best quality cooking range with 3 burners, oven & hot case	Each	744.00	17,006.40	Each	744.00	17,006.40		
14-61-d	Providing and Fixing approved best quality cooking range with 3 burners, oven, hot case & roastary	Each	744.00	17,006.40	Each	744.00	17,006.40		
14-61-e	Providing and Fixing approved best quality cooking range with 5 burners, oven, hot case & roastary	Each	744.00	17,369.40	Each	744.00	17,369.40		
14-62-a	Providing and Fixing approved best quality gas water heaters 20 gallons capacity	Each	744.00	12,432.60	Each	744.00	12,432.60		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
14-62-b	Providing and Fixing approved best quality gas water heaters 30 gallons capacity	Each	744.00	19,499.00	Each	744.00	19,499.00		
14-62-c	Providing and Fixing approved best quality gas water heaters 50 gallons capacity	Each	744.00	21,888.75	Each	744.00	21,888.75		
14-63-a	Providing and Fixing gas cross burners : 6" Size	Each	93.00	355.17	Each	93.00	355.17		
14-63-b	Providing and Fixing gas cross burners : 9" Size	Each	93.00	849.25	Each	93.00	849.25		
14-63-c	Providing and Fixing gas cross burners : 12" Size	Each	93.00	909.75	Each	93.00	909.75		
14-64-a	Providing and Fixing gas nozzle star burner with injector 12" nozzle	Each	223.20	1,052.05	Each	223.20	1,052.05		
14-64-b	Providing and Fixing gas nozzle star burner with injector 18" nozzle	Each	223.20	1,493.70	Each	223.20	1,493.70		
14-64-c	Providing and Fixing gas nozzle star burner with injector 24" nozzle	Each	223.20	2,007.95	Each	223.20	2,007.95		
14-64-d	Providing and Fixing gas nozzle star burner with injector 32" nozzle	Each	223.20	2,431.45	Each	223.20	2,431.45		
14-65	Providing and Fixing flue pipe for gas room heater any type/make	Each	74.40	270.02	Each	74.40	270.02		
14-66	Providing and Fixing gas twin burners with stand complete Imperial make	Each	223.20	2,078.53	Each	223.20	2,078.53		
14-67	Providing and Fixing angle iron frame wall type brackets for gas room heater	Pair	93.00	365.25	Pair	93.00	365.25		
14-68-a	Providing and Fixing gas tandoor complete : 24" nozzle	Each	558.00	3,220.00	Each	558.00	3,220.00		
14-68-b	Providing and Fixing gas tandoor complete : 32" nozzle	Each	837.00	3,759.15	Each	837.00	3,759.15		
14-68-c	Providing and Fixing gas tandoor complete : 48" nozzle	Each	837.00	3,378.00	Each	837.00	3,378.00		
14-69-a-01	P/F Fibre Glass Water Tank 300 gallons	Each	1,116.00	17,273.50	Each	1,116.00	17,273.50		
14-69-a-02	P/F Fibre Glass Water Tank 400 gallons	Each	1,116.00	20,641.67	Each	1,116.00	20,641.67		
14-69-b-01	P/F Polyethylene Water Tank 200 gallons (Horizontal)	Each	1,116.00	13,199.83	Each	1,116.00	13,199.83		
14-69-b-02	Supplying and Fixing Polyethylene Water Tank 400 gallons (Vertical)	Each	2,232.00	21,060.88	Each	2,232.00	21,060.88		
14-69-b-03	P/F Polyethylene Water Tank 500 gallons (Vertical)	Each	2,232.00	27,615.62	Each	2,232.00	27,615.62		
14-69-b-04	P/F Polyethylene Water Tank 1000 gallons (Vertical)	Each	2,976.00	53,456.56	Each	2,976.00	53,456.56		
14-69-b-05	P/F Polyethylene Water Tank 1500 gallons (Vertical)	Each	4,464.00	79,739.01	Each	4,464.00	79,739.01		
14-70-a	Providing and Fixing of pipe type B nikasi system including testing in all respect 110 mm (using dadex, or eq)	Rft	34.02	358.36	m	111.63	1,175.73		
14-70-b	Providing and Fixing of pipe type B nikasi system including testing in all respect 75 mm (using dadex, or eq)	Rft	34.02	231.05	m	111.63	758.03		
14-71-a	Providing and Fixing of poly dex high pressure PPR(green including testing ect complete 25 mm(including all special etc)	Rft	21.44	105.87	m	70.33	347.34		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
14-71-b	Providing and Fixing of poly dex high pressure PPR(green including testing ect complete 20 mm(including all special etc)	Rft	21.44	96.19	m	70.33	315.58		
14-72-a	Providing of plumbing tape insulation on G.I pipe complete 1/2" dia	20 Rft	14.18	29.92	m	2.33	4.91		
14-72-b	Providing of plumbing tape insulation on G.I pipe complete 3/4" dia	20 Rft	14.18	37.79	m	2.33	6.20		
14-72-c	Providing of plumbing tape insulation on G.I pipe complete 1" dia	20 Rft	14.18	45.66	m	2.33	7.49		
14-72-d	Providing of plumbing tape insulation on G.I pipe complete 1.5" dia	20 Rft	14.18	53.53	m	2.33	8.78		
14-72-e	Providing of plumbing tape insulation on G.I pipe complete 2" dia	20 Rft	14.18	61.40	m	2.33	10.07		
14-72-f	Providing of plumbing tape insulation on G.I pipe complete 2.5" dia	20 Rft	14.18	69.27	m	2.33	11.36		
14-73-a	Providing of thermal insulation of high density (64kg/m3) fiber glass pipe insulation faced with aluminium foil for chilled/hot water piping complete 1/2" dia	20 Rft	37.20	369.95	m	6.10	60.69		
14-73-b	Providing of thermal insulation of high density (64kg/m3) fiber glass pipe insulation faced with aluminium foil for chilled/hot water piping complete 3/4" dia	20 Rft	37.20	393.24	m	6.10	64.51		
14-73-c	Providing of thermal insulation of high density (64kg/m3) fiber glass pipe insulation faced with aluminium foil for chilled/hot water piping complete 1" dia	20 Rft	37.20	469.77	m	6.10	77.06		
14-73-d	Providing of thermal insulation of high density (64kg/m3) fiber glass pipe insulation faced with aluminium foil for chilled/hot water piping complete 1.5" dia	20 Rft	37.20	513.03	m	6.10	84.16		
14-73-e	Providing of thermal insulation of high density (64kg/m3) fiber glass pipe insulation faced with aluminium foil for chilled/hot water piping complete 2" dia	20 Rft	37.20	529.67	m	6.10	86.89		
14-73-f	Providing of thermal insulation of high density (64kg/m3) fiber glass pipe insulation faced with aluminium foil for chilled/hot water piping complete 2.5" dia	20 Rft	37.20	609.53	m	6.10	99.99		
14-73-g	Providing of thermal insulation of high density (64kg/m3) fiber glass pipe insulation faced with aluminium foil for chilled/hot water piping complete 3" dia	20 Rft	37.20	696.04	m	6.10	114.18		
14-74-a	Providing and Fixing Gas water Geyser 30 gallons SG 35 DLX with imported Thermostat	Each	744.00	19,952.75	Each	744.00	19,952.75		
14-74-b	Providing and Fixing Gas water Geyser 35 gallons SG 35 DLX with imported Thermostat	Each	744.00	21,888.75	Each	744.00	21,888.75		
14-75-a	Providing & Fixing "Singer" Cooking Range Model 307 (3 Burners Black), Bigger size	Each	186.00	21,022.20	Each	186.00	21,022.20		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
14-75-b	Providing & Fixing "Singer" Cooking Range Model 308 (3 Burners Black), Smaller size	Each	186.00	19,062.00	Each	186.00	19,062.00		
14-76	Providing & Fixing "Singer" Cooking Range Model 310 (3 Burners White)	Each	186.00	21,663.50	Each	186.00	21,663.50		
14-77	Providing & Fixing "Singer" Cooking Range Model 312 (5 Burners), (Automatic)	Each	186.00	26,322.00	Each	186.00	26,322.00		
14-78	Supply and Fixing low level plastic flushing cistern.	Each	111.60	1,037.65	Each	111.60	1,037.65		
14-79-a	Supply and fixing of 0.5 HP Monoblock water pump 1.25"x1" single phase upto 72 ft head (Type SE) i/c all accessories.	Each	446.40	4,203.89	Each	446.40	4,203.89		
14-79-b	Supply and fixing of 1.0 HP Monoblock water pump 1.25"x1" single phase upto 90 ft head (Type SE) i/c all accessories.	Each	446.40	14,189.42	Each	446.40	14,189.42		
14-79-c	Supply and fixing of 1.0 HP Monoblock water pump 1.25"x1" single phase upto 88 ft head (Type DE-S2) i/c all accessories.	Each	446.40	14,189.42	Each	446.40	14,189.42		
14-79-d	Supply and fixing of 1.5 HP Monoblock water pump 1.25"x1" single phase upto 130 ft head (Type DE-S2) i/c all accessories.	Each	446.40	14,975.92	Each	446.40	14,975.92		
14-80-a	Supply and fixing of 2.0 HP Monoblock water pump 1.5"x1.25" 3 stage model DE-S3 (Deen Pump) single phase for 150 ft head with all accessories.	Each	446.40	17,975.25	Each	446.40	17,975.25		
14-80-b	Supply and fixing of 2.0 HP Monoblock water pump 1.5"x1.5" 4 stage model DE-S4 single phase for 190 ft head with all accessories.	Each	446.40	12,409.25	Each	446.40	12,409.25		
14-80-c	Supply and fixing of 2.0 HP Monoblock water pump 2"x2" size 1 stage SE model single phase for 65 ft head with all accessories and fittings.	Each	446.40	15,772.87	Each	446.40	15,772.87		
14-81-a	Supply and fixing of 3.0 HP Monoblock water pump 1.5"x1.5" size 5 stage DE-S5 model single phase for 220 ft head with all accessories	Each	446.40	23,904.37	Each	446.40	23,904.37		
14-81-b	Supply and fixing of 3.0 HP Monoblock water pump 1.5"x1.25" size 6 stage DE-S6 model single phase for 260 ft head with all accessories	Each	446.40	23,479.74	Each	446.40	23,479.74		
14-81-c	Supply and fixing of 4.0 HP Monoblock water pump 1.5"x1.25" size 7 stage DN-S7 model single phase for 300 ft head with all accessories	Each	446.40	26,785.34	Each	446.40	26,785.34		
14-81-d	Supply and fixing of 3.0 HP Monoblock water pump 2.5"x2" size 2 stage DE-S2 model single phase for 100 ft head with all accessories	Each	744.00	31,507.52	Each	744.00	31,507.52		
14-81-e	Supply and fixing of 4.0 HP Monoblock water pump 1.5"x2" size 3 stage DN-S3 model single phase for 130 ft head with all accessories	Each	446.40	25,842.79	Each	446.40	25,842.79		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
14-81-f	Supply and fixing of 4.0 HP Monoblock water pump 1.5"x2" size 4 stage DN-S4 model single phase for 160 ft head with all accessories	Each	744.00	27,300.54	Each	744.00	27,300.54		
14-81-g	Supply and fixing of 3.0 HP Monoblock water pump 3"x3" size 1 stage P.P model single phase for 60 ft head with all accessories	Each	446.40	33,628.23	Each	446.40	33,628.23		
14-81-h	Supply and fixing of 4.0 HP Monoblock water pump 3"x2.5" size 1stage P.P model single phase for 60 ft head with all accessories	Each	446.40	33,086.51	Each	446.40	33,086.51		
14-82-a	Supply and fixing of 1.0 HP Deep well water pump 1"x1" size 1stage Jet S-1 model single phase for 60 ft suction and upto 60 ft head with all accessories	Each	1,488.00	15,393.22	Each	1,488.00	15,393.22		
14-82-b	Supply and fixing of 2.0 HP Deep well water pump 1"x1" size 2 stage Jet S-2 model single phase for 80 ft suction and upto 80 ft head with all accessories	Each	1,488.00	19,628.22	Each	1,488.00	19,628.22		
14-82-c	Supply and fixing of 3.0 HP Deep well water pump 1"x1" size 3 stage Jet S-3 model single phase for 120 ft suction and upto 120 ft head with all accessories	Each	1,488.00	23,258.22	Each	1,488.00	23,258.22		
14-82-d	Supply and fixing of 4.0 HP Deep well water pump 1"x1" size 4 stage Jet S-4 model single phase for 160 ft suction and upto 160 ft head with all accessories	Each	1,488.00	25,980.72	Each	1,488.00	25,980.72		
14-83	Providing & Fixing Solar Geysers 35 gallons capacity (a product of Enercon, National Energy Conservation Centre Islamabad)	Each	1,116.00	33,060.00	Each	1,116.00	33,060.00		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-01-a-01	Supply and Erection MS conduit pipe for wiring purpose comp. On surface including clamps etc: 1/2" i/d	Rft	9.07	32.09	m	29.77	105.29		
15-01-a-02	Supply and Erection MS conduit pipe for wiring purpose comp. On surface including clamps etc: 3/4" i/d	Rft	9.07	39.62	m	29.77	129.98		
15-01-a-03	Supply and Erection MS conduit pipe for wiring purpose comp. On surface including clamps etc: 1" i/d	Rft	9.07	48.52	m	29.77	159.17		
15-01-a-04	Supply and Erection MS conduit pipe for wiring purpose comp. On surface including clamps etc: 1.25" i/d	Rft	9.07	55.33	m	29.77	181.54		
15-01-a-05	Supply and Erection MS conduit pipe for wiring purpose comp. On surface including clamps etc: 1.5" i/d	Rft	9.07	61.97	m	29.77	203.33		
15-01-a-06	Supply and Erection MS conduit pipe for wiring purpose comp. On surface including clamps etc: 2" i/d	Rft	9.07	83.02	m	29.77	272.39		
15-01-b-01	Supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc : 1/2" i/d	Rft	22.68	56.77	m	74.42	186.25		
15-01-b-02	Supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc : 3/4" i/d	Rft	22.68	64.30	m	74.42	210.94		
15-01-b-03	Supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc : 1" i/d	Rft	22.68	73.19	m	74.42	240.13		
15-01-b-04	Supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc : 1.25" i/d	Rft	22.68	80.01	m	74.42	262.50		
15-01-b-05	Supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc : 1.5" i/d	Rft	22.68	86.65	m	74.42	284.29		
15-01-b-06	Supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc : 2" i/d	Rft	22.68	103.69	m	74.42	340.20		
15-02-a-01	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 1/2" i/d	Rft	4.54	22.10	m	14.88	72.52		
15-02-a-02	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 3/4" i/d	Rft	4.54	23.02	m	14.88	75.51		
15-02-a-03	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 1" i/d	Rft	4.54	27.73	m	14.88	90.99		
15-02-a-04	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 1.25" i/d	Rft	6.70	32.81	m	21.97	107.66		
15-02-a-05	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 1.5" i/d	Rft	9.07	42.14	m	29.77	138.26		
15-02-a-06	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 2" i/d	Rft	5.78	37.04	m	18.98	121.51		
15-02-a-07	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 3" i/d	Rft	6.92	64.25	m	22.70	210.78		
15-02-a-08	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 4" i/d	Rft	8.93	76.44	m	29.29	250.78		
15-02-b-01	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1/2" i/d	Rft	13.61	31.18	m	44.65	102.29		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d	Rft	13.61	43.16	m	44.65	141.59		
15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d	Rft	13.61	48.49	m	44.65	159.10		
15-02-b-04	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1.25" i/d	Rft	13.61	51.22	m	44.65	168.04		
15-02-b-05	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1.5" i/d	Rft	18.15	63.12	m	59.54	207.10		
15-02-b-06	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 2" i/d	Rft	22.68	66.51	m	74.42	218.20		
15-02-b-07	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3" i/d	Rft	27.22	95.61	m	89.30	313.69		
15-02-b-08	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 4" i/d	Rft	34.02	113.93	m	111.63	373.78		
15-03-a	Supply and Erection GI flexible pipe for wiring purpose complete 1/2" i/d	Rft	5.28	29.48	m	17.32	96.72		
15-03-b	Supply and Erection GI flexible pipe for wiring purpose complete 3/4" i/d	Rft	5.21	39.09	m	17.09	128.24		
15-03-c	Supply and Erection GI flexible pipe for wiring purpose complete 1" i/d	Rft	8.93	39.18	m	29.29	128.54		
15-03-d	Supply and Erection GI flexible pipe for wiring purpose complete 1.25" i/d	Rft	9.67	52.02	m	31.73	170.68		
15-03-e	Supply and Erection GI flexible pipe for wiring purpose complete 1.5" i/d	Rft	9.67	58.07	m	31.73	190.52		
15-03-f	Supply and Erection GI flexible pipe for wiring purpose complete 2" i/d	Rft	15.88	76.38	m	52.09	250.58		
15-03-g	Supply and Erection GI flexible pipe for wiring purpose complete 3" i/d	Rft	16.37	301.93	m	53.70	990.58		
15-04-a	Supply and Erection Sahl wood strip batten for wiring complete 1/2"	Rft	2.34	6.59	m	7.69	21.61		Additional width required to accommodate wire will be provided by erection of additional strips.
15-04-b	Supply and Erection Sahl wood strip batten for wiring complete 3/4"	Rft	2.34	10.22	m	7.69	33.52		
15-04-c	Supply and Erection Sahl wood strip batten for wiring complete 1"	Rft	2.34	16.99	m	7.69	55.74		
15-05-a	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 3/0.029"	Rft	3.16	9.62	m	10.37	31.57		
15-05-b	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 3/0.036"	Rft	3.18	11.15	m	10.42	36.57		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-05-c	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.029"	Rft	2.98	15.69	m	9.76	51.47		
15-05-d	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.036"	Rft	2.98	22.58	m	9.76	74.09		
15-05-e	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.044"	Rft	7.44	36.44	m	24.42	119.56		
15-05-f	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.064"	Rft	11.16	85.64	m	36.61	280.97		
15-05-g	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 19/0.064"	Rft	18.60	173.31	m	61.04	568.60		
15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"	Rft	5.21	11.44	m	17.09	37.52		
15-06-b	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.036"	Rft	5.21	14.18	m	17.09	46.53		
15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"	Rft	5.95	19.35	m	19.53	63.49		
15-06-d	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.036"	Rft	5.95	27.85	m	19.53	91.36		
15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"	Rft	9.67	39.81	m	31.73	130.61		
15-06-f	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.064"	Rft	14.88	65.70	m	48.83	215.57		
15-07-a	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 7/0.064"	Rft	14.88	72.96	m	48.83	239.38		
15-07-b	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 19/0.052"	Rft	25.30	144.94	m	82.99	475.53		
15-07-c	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 19/0.064"	Rft	25.30	122.10	m	82.99	400.58		
15-07-d	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 19/0.083"	Rft	37.21	230.81	m	122.08	757.25		
15-07-e	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 37/0.072"	Rft	93.03	359.23	m	305.21	1,178.57		
15-07-f	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 37/0.083"	Rft	93.03	407.63	m	305.21	1,337.37		
15-07-g	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 37/0.103"	Rft	93.03	673.83	m	305.21	2,210.73		
15-08-a	Supply and Erection twin core PVC insulated & sheathed copper conductor 250/440 V grade cable : 3/0.029"	Rft	3.72	14.91	m	12.20	48.93		
15-08-b	Supply and Erection twin core PVC insulated & sheathed copper conductor 250/440 V grade cable : 3/0.036"	Rft	3.72	19.45	m	12.20	63.81		
15-08-c	Supply and Erection twin core PVC insulated & sheathed copper conductor 250/440 V grade cable : 7/0.029"	Rft	5.21	28.20	m	17.09	92.51		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-08-d	Supply and Erection twin core PVC insulated & sheathed copper conductor 250/440 V grade cable : 7/0.036"	Rft	5.21	45.14	m	17.09	148.09		
15-08-e	Supply and Erection twin core PVC insulated & sheathed copper conductor 250/440 V grade cable : 7/0.044"	Rft	5.21	56.03	m	17.09	183.82		
15-08-f	Supply and Erection twin core PVC insulated & sheathed copper conductor 250/440 V grade cable : 7/0.064"	Rft	5.21	99.59	m	17.09	326.73		
15-09-a	Supply and Erection MS sheet box of 16 SWG, 4"deep with 3/16" thick bakelite sheet top etc. complete : 4"x4"	Each	55.80	110.25	Each	55.80	110.25		
15-09-b	Supply and Erection MS sheet box of 16 SWG, 4"deep with 3/16" thick bakelite sheet top etc. complete : 7"x4"	Each	74.40	147.00	Each	74.40	147.00		
15-09-c	Supply and Erection MS sheet box of 16 SWG, 4"deep with 3/16" thick bakelite sheet top etc. complete : 9"x4"	Each	93.00	187.38	Each	93.00	187.38		
15-09-d	Supply and Erection MS sheet box of 16 SWG, 4"deep with 3/16" thick bakelite sheet top etc. complete : 8"x10"	Each	111.60	311.25	Each	111.60	311.25		
15-09-e	Supply and Erection MS sheet box of 16 SWG, 4"deep with 3/16" thick bakelite sheet top etc. complete : 10"x12"	Each	133.92	395.28	Each	133.92	395.28		
15-09-f	Supply and Erection MS sheet box of 16 SWG, 4"deep with 3/16" thick bakelite sheet top etc. complete : 12"x14"	Each	156.24	555.54	Each	156.24	555.54		
15-10-a	Supply and Erection Sahl wood board, 1.75" deep : 3"x3" dia	-	-	-	-	-	-		DELETED
15-10-b	Supply and Erection Sahl wood board, 1.75" deep : 4"x4"	-	-	-	-	-	-		DELETED
15-10-c	Supply and Erection Sahl wood board, 1.75" deep : 7"x4"	-	-	-	-	-	-		DELETED
15-10-d	Supply and Erection Sahl wood board, 1.75" deep : 8"x10"	-	-	-	-	-	-		DELETED
15-10-e	Supply and Erection Sahl wood board, 1.75" deep : 10"x12"	-	-	-	-	-	-		DELETED
15-10-f	Supply and Erection Sahl wood board, 1.75" deep : 12"x14"	Each	37.20	138.84	Each	37.20	138.84		
15-11-a-01	Supply and Erection of iron/aluminium clad, 500V main switch Double pole : 15/20 Amp.	Each	334.80	697.80	Each	334.80	697.80		Reduce the labour and composite rates by 20 % in case, base frame is already installed.
15-11-a-02	Supply and Erection of iron/aluminium clad, 500V main switch Double pole : 30/35 Amp.	Each	334.80	697.80	Each	334.80	697.80		
15-11-a-03	Supply and Erection iron/aluminium clad 500 volts main switch Double Pole : 60/65 Amp	Each	334.80	1,496.40	Each	334.80	1,496.40		
15-11-a-04	Supply and Erection iron/aluminium clad 500 volts main switch Double Pole : 100 Amp	Each	334.80	2,875.80	Each	334.80	2,875.80		
15-11-b-01	Supply and Erection of iron/aluminium clad, 500V main switch Triple pole with neutral link : 15/20 Amp.	Each	334.80	697.80	Each	334.80	697.80		
15-11-b-02	Supply and Erection of iron/aluminium clad, 500V main switch Triple pole with neutral link : 30/35 Amp.	Each	334.80	1,569.00	Each	334.80	1,569.00		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-11-b-03	Supply and Erection of iron/aluminium clad, 500V main switch Triple pole with neutral link : 60/65 Amp.	Each	446.40	2,116.20	Each	446.40	2,116.20		
15-11-b-04	Supply and Erection of iron/aluminium clad, 500V main switch Triple pole with neutral link : 100 Amp.	Each	558.00	3,171.60	Each	558.00	3,171.60		
15-12-a	Supply and Erection or iron/aluminium clad, 500V main switch with triple pole, complete : 60 Amp.	Each	186.00	3,211.00	Each	186.00	3,211.00		Reduce the labour and composite rates by 20 % in case, base frame is already installed.
15-12-b	Supply and Erection or iron/aluminium clad, 500V main switch with triple pole, complete : 100 Amp.	Each	186.00	3,755.50	Each	186.00	3,755.50		
15-12-c	Supply and Erection or iron/aluminium clad, 500V main switch with triple pole, complete : 200 Amp.	Each	297.60	5,440.10	Each	297.60	5,440.10		
15-12-d	Supply and Erection or iron/aluminium clad, 500V main switch with triple pole, complete : 300 Amp.	Each	297.60	7,134.10	Each	297.60	7,134.10		
15-12-e	Supply and Erection or iron/aluminium clad, 500V main switch with triple pole, complete : 500 Amp.	Each	297.60	9,977.60	Each	297.60	9,977.60		
15-13	Supply and Erection plain pendent lamp holder, complete with bakelite lamp holder & flexible twin wire of 2m	Each	7.44	220.25	Each	7.44	220.25		Reduce the labour and composite rates by 20 % in case, base frame is already installed.
15-14	Supply and Erection 9" long swan neck plain brass/steel/brass oxidised bracket lamp holder, complete	Each	13.95	64.77	Each	13.95	64.77		
15-15	Supply and Erection wall/pole type bracket with double cover water tight reflector, flexible wire & brass holder	Each	29.76	66.06	Each	29.76	66.06		
15-16	Supply and Erection call bell 220/250V, fixed on Sahl wood board 7"x4"	Each	18.60	98.46	Each	18.60	98.46		
15-17	Supply and Erection bell push or bed switch, with 5m. twin flexible wire 23/0.0076"	Each	5.58	169.48	Each	5.58	169.48		
15-18-a	Supply and Erection switches 10/15 Amp : Open type	Each	11.16	59.56	Each	11.16	59.56		
15-18-b	Supply and Erection switches 10/15 Amp : Recessed type	Each	11.16	107.96	Each	11.16	107.96		
15-19-a	Supply and Erection 3 pin 10/15 Amp. wall socket : Open type	Each	18.60	85.15	Each	18.60	85.15		
15-19-b	Supply and Erection 3 pin 10/15 Amp. wall socket : Recessed	Each	18.60	142.63	Each	18.60	142.63		
15-20-a	Supply and Erection 3 pin switch & plug combined recessed type : 5 Amp	Each	18.60	157.75	Each	18.60	157.75		
15-20-b	Supply and Erection 3 pin switch & plug combined recessed type : 10/15 Amp	Each	18.60	177.11	Each	18.60	177.11		
15-21	Supply and Erection 3 pin 10/15 Amp. wall socket with shoe open type	Each	18.60	103.30	Each	18.60	103.30		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-22-a	Supply and Erection button holder/angle holder Bakelite large size	Each	9.30	39.55	Each	9.30	39.55		
15-22-b	Supply and Erection button holder/angle holder Brass	Each	9.30	63.75	Each	9.30	63.75		
15-23-a	Supply and Erection porcelain fuses (china made) with plastic sheet base on angle iron board : 10/15 Amp.	Each	18.60	91.20	Each	18.60	91.20		
15-23-b	Supply and Erection porcelain fuses (china made) with plastic sheet base on angle iron board : 30 Amp.	Each	18.60	91.20	Each	18.60	91.20		
15-23-c	Supply and Erection porcelain fuses (china made) with plastic sheet base on angle iron board : 60 Amp.	Each	18.60	221.88	Each	18.60	221.88		
15-23-d	Supply and Erection porcelain fuses (china made) with plastic sheet base on angle iron baord : 100 Amp.	Each	18.60	279.96	Each	18.60	279.96		
15-23-e	Supply and Erection porcelain fuses (china made) with plastic sheet base on angle iron board : 200 Amp.	Each	18.60	381.60	Each	18.60	381.60		
15-24-a	Supply and Erection tube light, including rod, choke etc complete Double rod (2x40 watts) with 2 chokes & 2 starters	Set	74.40	1,886.38	Set	74.40	1,886.38		
15-24-b	Supply and Erection tube light, including rod, choke etc complete Single rod (40 watts) with 1 choke & 1 starter	Set	55.80	999.60	Set	55.80	999.60		
15-24-c	Supply and Erection tube light, including rod, choke etc complete Round tube (10 watt) 1 choke + 1 starter w/o cover	Each	40.92	246.62	Each	40.92	246.62		
15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans	Each	18.60	110.56	Each	18.60	110.56		
15-26-a	Supply and Erection circuit breaker (imported) on sahl wood board complete : 2/5/15 Amp.	Each	55.80	488.98	Each	55.80	488.98		
15-26-b	Supply and Erection circuit breaker (imported) on sahl wood board complete : 20/25/30 Amp.	Each	55.80	658.38	Each	55.80	658.38		
15-27	Supply and Erection stay for house service pipe, erected with straining screws and 7/14 SWG stay wire	Rft	6.70	137.68	m	21.97	451.71		
15-28	Supply and Erection of house service pipe Henley or pole, type 2" dia. erected to install insulated wire etc	Rft	8.93	213.65	m	29.29	700.96		
15-29	Supply and Erection shackle/pin insulator, medium size	Each	18.60	469.33	Each	18.60	469.33		
15-30	Supply and Erection bare copper conductor wire, No. 2 to 16 SWG, including GI binding wire No. 16 SWG	kg	9.30	900.67	kg	9.30	900.67		
15-31	Supply and Erection GI wire of sizes, including binding wire No. 16 SWG for support of rubber wire, pole to pole	kg	9.30	136.35	kg	9.30	136.35		
15-32-a	Wiring overhead line in 2 single core, PVC insulated cable with GI wire #8 SWG : 3/0.029"	Rft	5.21	55.02	m	17.09	180.52		
15-32-b	Wiring overhead line in 2 single core, PVC insulated cable with GI wire #8 SWG : 7/0.029"	Rft	5.21	67.52	m	17.09	221.53		
15-32-c	Wiring overhead line in 2 single core, PVC insulated cable with GI wire #8 SWG : 7/0.036"	Rft	5.21	81.31	m	17.09	266.76		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-32-d	Wiring overhead line in 2 single core, PVC insulated cable with GI wire #8 SWG : 7/0.044"	Rft	8.93	103.82	m	29.29	340.61		
15-33	Supply and Erection street light pole bracket 1.25" GI pipe 2m. long, complete with 2 pole clamps	Each	167.40	778.45	Each	167.40	778.45		
15-34	Supply and Fixing dust & weather proof street light fitting with reflector, 400W mercury vapour lamp etc comp.	Each	297.60	6,831.60	Each	297.60	6,831.60		
15-35-a	Supply and Erection pole mounted street light complete for fitting 125/250 W mercury lamp : GEC make	Each	297.60	2,023.06	Each	297.60	2,023.06		
15-35-b	Supply and Erection pole mounted street light complete for fitting 125/250 W mercury lamp : Philips make	Each	297.60	3,594.85	Each	297.60	3,594.85		
15-36-a	Supply and Fixing 125 W mercury vapour lamp with choke	Each	74.40	697.55	Each	74.40	697.55		
15-36-b	Supply and Fixing 250 W mercury vapour lamp with choke	Each	74.40	2,216.10	Each	74.40	2,216.10		
15-36-c	Supply and Fixing 400 W mercury vapour lamp with choke	Each	74.40	4,648.20	Each	74.40	4,648.20		
15-37	Supply and Fixing mercury sodium lamp 360 Sunlux 400 W complete with choke	Each	74.40	1,707.90	Each	74.40	1,707.90		
15-38	Supply and Fixing mercury blended lamp 160 W	Each	74.40	382.95	Each	74.40	382.95		
15-39	Supply and Erection MS angle lattice structure pole 36' long 14"sq at base & 8"sq. at top for elec. distribution	Each	4,464.00	20,194.00	Each	4,464.00	20,194.00		a) Increase/Reduce composite rate of addition/reduction in height of pole above ground level b) The item does not cover cost of excavation, which is payable separately.
15-40-a-01	Supply and Fixing GI tubular street light pole, 8' of 5" dia, 7' 4" dia, 5' of 3" dia, Single arm of 5' of 1.5" dia	Each	1,116.00	33,834.40	Each	1,116.00	33,834.40		The item does not cover cost of excavation, which is payable separately.
15-40-a-02	Supply and Fixing GI tubular street light pole, 8' of 5" dia, 7' 4" dia, 5' of 3" dia, Double arm of 5' of 1.5" dia	Each	1,116.00	37,666.07	Each	1,116.00	37,666.07		
15-40-b-01	Supply and Fixing GI tubular street light pole, 8' of 4" dia, 7' 3" dia, 5' of 2" dia, Single arm of 5' of 1.5" dia	Each	1,116.00	44,321.07	Each	1,116.00	44,321.07		
15-40-b-02	Supply and Fixing GI tubular street light pole, 8' of 4" dia, 7' 3" dia, 5' of 2" dia, Double arm of 5' of 1.5" dia	Each	1,116.00	21,734.40	Each	1,116.00	21,734.40		
15-40-b-03	Providing street light poles of 40 ft height without arms including fixing complete.	Each	167.40	26,962.85	each	167.40	26,962.85		
15-41	Earthing of iron clad/aluminium switches etc with GI wire #8 SWG in GI pipe 0.5" dia	Job	1,488.00	4,782.09	Job	1,488.00	4,782.10		The item does not cover cost of excavation, which is payable separately.
15-42	Supply and Erection 2'x2'x1/8" copper plate including rivetting to copper tape & placing in mixture of salt and charcol etc	Each	372.00	6,998.77	Each	372.00	6,998.77		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-43-a	Supply and Erection copper tape, including copper stapple & copper nails/Screw etc : Size 1.5"x1/8"	Rft	5.21	156.49	m	17.09	513.40		
15-43-b	Supply and Erection copper tape, including copper stapple & copper nails etc : Size 2"x1/8"	Rft	5.21	244.24	m	17.09	801.31		
15-44	Supply and Erection 1" dia & 1m long lightening conductor copper rod with 5 spikes ball & base etc.	Job	930.00	3,350.00	Job	930.00	3,350.00		
15-45	Wiring of light/fan/call-bell point in 3/0.029 PVC insulated & sheathed cable on sahl wood strip	Each	22.32	724.46	Each	22.32	724.46		
15-46	Wiring of 2/3-pin 5-Amp plug point in 3/0.029 PVC insulated & sheathed cable on sahl wood	Each	22.32	522.50	Each	22.32	522.50		
15-47-a	Wiring of main & sub-main in 2 single core PVC insulated & sheathed cable : 3/0.029	Rft	4.65	31.02	m	15.26	101.78		
15-47-b	Wiring of main & sub-main in 2 single core PVC insulated & sheathed cable : 7/0.029	Rft	4.65	54.62	m	15.26	179.19		
15-47-c	Wiring of main & sub-main in 2 single core PVC insulated & sheathed cable : 7/0.044	Rft	7.44	116.61	m	24.41	382.56		
15-47-d	Wiring of main & sub-main in 2 single core PVC insulated & sheathed cable : 7/0.064	Rft	13.39	209.68	m	43.94	687.92		
15-48-a	Wiring of sub main/earthing in 1 single core PVC insulated & sheathed cable : 3/0.029	Rft	3.16	14.05	m	10.37	46.10		
15-48-b	Wiring of sub main/earthing in 1 single core PVC insulated & sheathed cable : 7/0.029	Rft	2.98	20.12	m	9.76	65.99		
15-48-c	Wiring of sub main/earthing in 1 single core PVC insulated & sheathed cable : 7/0.044	Rft	2.98	39.50	m	9.76	129.60		
15-48-d	Wiring of sub main/earthing in 1 single core PVC insulated & sheathed cable : 7/0.064	Rft	5.21	87.21	m	17.09	286.14		
15-49	Wiring of light point in 3/0.029 PVC insulated sheathed cable on sahl wood strip batten	Each	35.71	1,199.43	Each	35.71	1,199.43		
15-50	Wiring of light/fan/call-bell point in 3/0.029 PVC insulated bare cable in PVC pipe recessed	Each	33.48	1,005.07	Each	33.48	1,005.07		
15-51	Wiring of 2/3-pin 5-Amp. plug point in 3/0.029 PVC insulated bare cable in PVC pipe recessed	Each	16.37	530.02	Each	16.37	530.02		
15-52	Wiring of light point in 3/0.029 PVC insulated bare cable in PVC pipe recessed in wall comp.	Each	50.59	1,801.10	Each	50.59	1,801.10		
15-53	Special earthing of iron/metal clad switches etc with copper wire No. 8 SWG in GI pipe 1/2" dia	Each	595.20	10,033.99	Each	595.20	10,033.99		
15-54	Supply and Erection enclosed switch of bakelite DP (China) 15/30 Amp. fixed on wooden board complete	Each	37.20	347.11	Each	37.20	347.11		
15-55-a	Supply and erection of fancy wall type bracket with brass holder & fancy shade : Single	Each	29.76	453.26	Each	29.76	453.26		
15-55-b	Supply and erection of fancy wall type bracket with brass holder & fancy shade : Double	Each	29.76	755.76	Each	29.76	755.76		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-56-a	Supply and Erection white round globe with holder, gallery & 100 Watt bulb complete : 6" dia.	Each	37.20	308.24	Each	37.20	308.24		
15-56-b	Supply and Erection white round globe with holder, gallery & 100 Watt bulb complete : 8" dia.	Each	37.20	320.34	Each	37.20	320.34		
15-56-c	Supply and Erection white round globe with holder, gallery & 100 Watt bulb complete : 10" dia.	Each	37.20	417.14	Each	37.20	417.14		
15-57-a	Supply and Erection white flat globe with holder, gallery & 100 W bulb complete : 8" dia	Each	37.20	320.34	Each	37.20	320.34		
15-57-b	Supply and Erection white flat globe with holder, gallery & 100 W bulb complete : 10" dia	Each	37.20	417.14	Each	37.20	417.14		
15-57-c	Supply and Erection white flat globe with holder, gallery & 100 W bulb complete : 12" dia	Each	37.20	477.64	Each	37.20	477.64		
15-58	Supply and Erection white round globe 6" dia with angle type bakelite gallery, holder & 60-W bulb complete	Each	37.20	714.80	Each	37.20	714.80		
15-59	Supply and Erection 1' long strip light fitting comp. with cover of opalescent perspex in plain finish 10-Watt	Each	74.40	776.20	Each	74.40	776.20		
15-60	Supply and Erection double fluorescent tube light fitting 2 No. 4' long, 40-W with 2 chokes & starters complete	Each	93.00	964.20	Each	93.00	964.20		
15-61-a	Supply and Erection fluorescent tube light fitting including 4' rod, choke, starter, flexible wire etc : Single	Each	74.40	945.60	Each	74.40	945.60		
15-61-b	Supply and Erection fluorescent tube light fitting including 4' rod, choke, starter, flexible wire etc : Double	Each	74.40	1,090.80	Each	74.40	1,090.80		
15-62	Supply and Erection porch-light fitting round/square type with gallery, holder & 40 W bulb	Each	55.80	600.30	Each	55.80	600.30		
15-63-a	Supply and Erection gate-light fitting complete with holder & 160-Watt mercury blended lamp: Small	Each	74.40	1,272.30	Each	74.40	1,272.30		
15-63-b	Supply and Erection gate-light fitting complete with holder & 160-Watt mercury blended lamp: Medium	Each	74.40	1,272.30	Each	74.40	1,272.30		
15-63-c	Supply and Erection gate-light fitting complete with holder & 160-Watt mercury blended lamp: Large	Each	74.40	1,453.80	Each	74.40	1,453.80		
15-64-a	Supply and Erection garden-light fitting with holder and 160 W mercury blended lamp & choke : 18" dia	Each	186.00	2,448.70	Each	186.00	2,448.70		The rate does not include cost of GI pipe and excavation and are to be paid separatively
15-64-b	Supply and Erection garden-light fitting with holder and 160 W mercury blended lamp & choke : 19" dia	Each	186.00	1,601.70	Each	186.00	1,601.70		
15-64-c	Supply and Erection garden-light fitting with holder and 160 W mercury blended lamp & choke : 22" dia	Each	186.00	2,146.20	Each	186.00	2,146.20		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-65-a	Supply and Erection garden-light fitting with porcelain holder 125 W mercury vapour lamp & choke : 18" dia	Each	186.00	2,031.25	Each	186.00	2,031.25		The rate does not include cost of GI pipe and excavation and are to be paid separatively
15-65-b	Supply and Erection garden-light fitting with porcelain holder 125 W mercury vapour lamp & choke : 19" dia	Each	186.00	3,108.15	Each	186.00	3,108.15		
15-65-c	Supply and Erection garden-light fitting with porcelain holder 125 W mercury vapour lamp & choke : 22" dia	Each	186.00	3,180.75	Each	186.00	3,180.75		
15-66-a	Supply and Erection flood-light fitting with holder, complete 14" dia with 500-W lamp	Each	186.00	2,485.00	Each	186.00	2,485.00		
15-66-b	Supply and Erection flood-light fitting with holder, complete 19«" dia with 1000-W lamp	Each	186.00	4,045.90	Each	186.00	4,045.90		
15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	Each	111.60	184.20	Each	111.60	184.20		
15-68-a	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator : 36" sweep	Each	93.00	2,755.00	Each	93.00	2,755.00		Asia, Breeze, Climax, Millat, National & Pak fans are the approved makes.
15-68-b	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator : 48" sweep	Each	93.00	2,916.33	Each	93.00	2,916.33		
15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator : 56" sweep	Each	93.00	3,017.17	Each	93.00	3,017.17		
15-69-a	Supply and Erection best quality exhaust fan complete with shutter & regulator : 12"sweep	Each	74.40	1,768.40	Each	74.40	1,768.40		Asia, Breeze, Climax, Millat, National & Pak fans are the approved makes.
15-69-b	Supply and Erection best quality exhaust fan complete with shutter & regulator : 16"sweep	Each	74.40	2,010.40	Each	74.40	2,010.40		
15-69-c	Supply and Erection best quality exhaust fan complete with shutter & regulator : 18"sweep	Each	74.40	2,252.40	Each	74.40	2,252.40		
15-70-a	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 30 Amp.	Each	297.60	3,032.20	Each	297.60	3,032.20		
15-70-b	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 60 Amp.	Each	297.60	4,360.78	Each	297.60	4,360.78		
15-70-c	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 100 Amp.	Each	353.40	5,798.40	Each	353.40	5,798.40		
15-71-a	Supply and Erection single phase imported auto circuit breaker 6 Amp.	Each	55.80	394.60	Each	55.80	394.60		
15-71-b	Supply and Erection single phase imported auto circuit breaker 15 Amp.	Each	55.80	539.80	Each	55.80	539.80		
15-71-c	Supply and Erection single phase imported auto circuit breaker 20 Amp.	Each	55.80	584.57	Each	55.80	584.57		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-71-d	Supply and Erection single phase imported auto circuit breaker 30 Amp.	Each	55.80	781.80	Each	55.80	781.80		
15-72-a	Supply and Erection of bus bars for 500 volts 3 phase AC S/W 4 copper bars 40 Amp with bar size 1 1/2" X 1/8"	Each	744.00	6,515.70	Each	744.00	6,515.70		
15-72-b	Supply and Erection of bus bars 500 volts 3 phase AC supply with 4 copper bars - 100 Amp with bar size1 1 1/2" X 1/8"	Each	744.00	6,533.85	Each	744.00	6,533.85		
15-72-c	Supply and Erection of bus bars 500 volts 3 phase AC supply with 4 copper bars - 200 Amp with bar size 2"X 1/8"	Each	1,302.00	7,352.00	Each	1,302.00	7,352.00		
15-72-d	Supply and Erection of bus bars 500 volts 3 phase AC supply with 4 copper bars - 300 Amp with bar zise 2" X 3/16"	Each	1,581.00	7,649.15	Each	1,581.00	7,649.15		
15-72-e	Supply and Erection of bus bars 500 volts 3 phase AC supply with 4 copper bars - 500 Amp with zise 2" X 1/4"	Each	1,860.00	8,188.30	Each	1,860.00	8,188.30		
15-73-a	Supply and Erection of bracket of channel 3" X 1 1/2" X 1/4" section 2' long for 2 lines	Each	141.36	413.17	Each	141.36	413.17		
15-73-b	Supply and Erection of bracket of MS channel 3" X 1 1/2" X 1/4" Section:- 4' long for 4 lines	Each	178.56	667.45	Each	178.56	667.45		
15-74	Supply and Erection of anchor rod honley type for poles i/e clamps & 7/13 SWG stay wire straning screws PCC 1:3:6	Rft	5.67	85.17	m	18.60	279.43		
15-75-a	Supply and Erection cubical type factory fabricated floor/wall mounting steel main board comp. : On surface	SFT	1,860.00	4,401.00	m2	20,013.60	47,354.76		
15-75-b	Supply and Erection cubical type factory fabricated floor/wall mounting steel main board comp. : Recessed	SFT	2,157.60	4,698.60	m2	23,215.78	50,556.94		
15-76-a	Flouresent tube lights fitting 2.5x2.5 feet square type suitable for fixing in recess or direct on complete with 4 Nos 2 ft 20 watts tubes, chokes, starters, holders complete in all respect in steel body.	Each	186.00	3,386.45	Each	186.00	3,386.45		
15-76-b	Supply and Fixing of fluoresent tube fitting rectanglular box types housing made of 22 SWG stave enamelled steel sheet having spring load inner frame attachement with acrylic or polythene complete with 2 No 4 ft 40 watts	each	186.00	2,775.40	Each	186.00	2,775.40		
15-77-a	Supply and Fixing electric AC exhuast/fresh air circulation(double way) 220/230 single phase plastic frame body and blade complete 8"x8"	each	260.40	2,107.41	Each	260.40	2,107.41		
15-77-b	Supply and Fixing electric AC exhuast/fresh air circulation(double way) 220/230 single phase plastic frame body and blade complete 10"x10"	each	260.40	2,236.30	Each	260.40	2,236.30		
15-77-c	Supply and fixing electric AC exhaust/fresh air circulation(Double way) 220/230 single phase plastic frame body and blade complete 12"x12"	each	96.72	2,326.62	Each	96.72	2,326.62		

Chapter # 15 ELECTRIC INSTALLATIONS

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
15-78	Supply and Fixing bracket fan pak made complete	each	148.80	3,052.80	Each	148.80	3,052.80		
15-79-a	Supply and Fixing PVC conduit for surface wiring (dura duct) 1/2" including all charges for nail screws etc	Rft	6.80	12.25	m	22.33	40.19		
15-79-b	PVC conduit for surface wiring (dura duct) 1" including all charges for nail screws etc complete	Rft	6.80	13.82	m	22.33	45.35		
15-79-c	PVC conduit for surface wiring (dura duct) 1.5" including all charges for nail screws etc complete	Rft	6.80	21.93	m	22.33	71.95		
15-79-d	PVC conduit for surface wiring (dura duct) 2" including all charges for nail screws etc complete	Rft	6.80	28.58	m	22.33	93.78		
15-80	Supply and Fixing dimmer switch complete	each	74.40	253.88	Each	74.40	253.88		
15-81	Supply and Fixing 20 Amp power plug	each	74.40	169.18	Each	74.40	169.18		
15-82	Supply and Fixing Asia porcelin power plug 30 Amp	each	74.40	189.35	Each	74.40	189.35		
15-83	Supply and fixing light plug 10 Amp	each	74.40	124.82	Each	74.40	124.82		
15-84	Supply and fitting of capacitor 2.2 uf for ceiling fans	each	37.20	91.65	Each	37.20	91.65		
15-85	Supply and fitting of ball bearing of size 6201, 6202 or 6203 for ceiling fans	each	46.50	244.13	Each	46.50	244.13		
15-86	Supply and erection of cut out, bakelite open type	each	8.18	69.89	Each	8.18	69.89		
15-87	Supply and erection of cut out bakelite Recessed type cut out	each	8.18	73.93	Each	8.18	73.93		
15-88	Supply and erection of kit kat 500 volts 15/20 Amp	-	-	-	-	-	-		DELETED
15-89	Supply and erection of kit kat 500 volts 30/35 Amp	-	-	-	-	-	-		DELETED
15-90	Supply and erection of kit kat 500 volts 60/65 Amp	-	-	-	-	-	-		DELETED
15-91	Supply and erection of kit kat 500 volts 100 Amp	-	-	-	-	-	-		DELETED
15-92	Supply and erection of kit kat 500 volts 200 Amp	-	-	-	-	-	-		DELETED
15-93	Supply and erection of kit kat 500 volts 300 Amp	-	-	-	-	-	-		DELETED
15-94	Supply and erection of kit kat 500 volts 400 Amp	-	-	-	-	-	-		DELETED
15-95-a	Providing & Fixing Honda Generator EP 2500ex, 2.2 KVA Petrol driven.	-	-	-	-	-	-		DELETED
15-95-b	Providing & Fixing Honda Generator EP 2500ex, 2.2 KVA Petrol-cum-Gas driven	-	-	-	-	-	-		DELETED
15-95-c	Providing & Fixing Honda Generator EP 2800ex, 3.1 KVA Petrol-cum-Gas driven.	-	-	-	-	-	-		DELETED
15-95-d	Providing & Fixing Honda Generator EP 2800ex, 3.1 KVA Petrol driven.	-	-	-	-	-	-		DELETED

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
16-01	Providing and Laying sub-base course of brick on edge 4.5" thick including compaction to required camber & grade	100 Cft	2,890.44	13,170.60	m3	1,020.75	4,651.16		The Item has been Deleted
16-02	Providing and Laying sub-base course of brick aggregate, including compaction to required camber, grade & density	100 Cft	1,116.00	3,369.52	m3	394.11	1,189.94		
16-03-a	Granular Sub Base Course using Pit Run Gravel	100 Cft	567.92	2,674.65	m3	200.56	944.55		
16-03-b	Granular Sub Base Using Crushed Stone Aggregate	100 Cft	344.72	4,787.93	m3	121.74	1,690.84		
16-04-a	Aggregate Base Course	100 Cft	344.72	5,370.13	m3	121.74	1,896.45		
16-04-b	Water Bound Macadam Base Course	100 Cft	344.72	5,427.56	m3	121.74	1,916.73		
16-05	Providing and Laying road edging of 3" wide & 9" deep brick on end, complete	100 Rft	1,116.00	4,020.00	m	36.61	131.89		
16-06	Bitumenous Prime Coat	100 Sft	8.64	1,229.54	m2	0.93	132.30		
16-07	Bitumenous Tack Coat	100 Sft	25.92	475.62	m2	2.79	51.18		
16-08-a	Single bitumenous Surface Treatment	100 Sft	17.60	1,855.90	m2	1.89	199.70		
16-08-b	Double bitumenous Surface Treatment	100 Sft	26.78	3,862.32	m2	2.88	415.59		
16-08-c	Triple bitumenous Surface Treatment	100 Sft	44.27	4,684.96	m2	4.76	504.10		
16-09-a	Resurfacing of road complete with per 100sft : 22 Ibs. bitumen, 2.5"cft bajri/crush aggregate	100 Sft	46.50	1,181.30	m2	5.00	127.11		
16-09-b	Resurfacing of road complete with per 100sft : 20 Ibs. bitumen, 2"cft bajri/crush aggregate	100 Sft	63.30	1,095.49	m2	6.81	117.87		
16-10	Scarifying/Dismantling old road surface, including removal of debris within one chain (NHA specified)	100 Sft	186.00	186.00	m2	20.01	20.01		
16-11-a	Dense Graded Hot Bitmac (Mobile Asphalt Mixer) 1" Thick	100 Sft	193.44	2,711.46	m2	20.81	291.75		
16-11-b	Dense Graded Hot Bitmac (Mobile Asphalt Mixer) 1.5" Thick	100 Sft	277.14	3,968.20	m2	29.82	426.98		
16-11-c	Dense Graded Hot Bitmac (Mobile Asphalt Mixer) 2" Thick	100 Sft	360.84	5,256.45	m2	38.83	565.59		
16-12-a	Asphaltic Base Course (Asphalt Batch Plant Hot Mixed)	100 Cft	421.34	44,441.54	m3	148.80	15,694.40		The Rate of Item No 16-12-a and b include a Lead of 10 Km. The Lead More than 10 Km is to be paid separately for the loaded trip from the nearest asphalt plant under item no 16-12-c.
16-12-b	Asphaltic Wearing Course (Asphalt Batch Plant Hot Mixed)	100 Cft	421.34	50,583.34	m3	148.79	17,863.36		
16-12-c	Carriage of asphalt concrete from asphalt batch plant to the site of work by dump trucks.	Mile/Ton	0.00	6.43	km/Ton	0.00	3.99		
16-13	Providing RCC railing on bridges (3 feet high)	-	-	-	-	-	-		DELETED

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
16-14	Providing and fixing GI pipe railing (3 feet high)	100 Rft/3ro	5,516.76	76,054.75	m/3rows	180.95	2,494.60		
16-15-a	P&E at site : RCC km stone	Each	1,227.60	2,806.73	Each	1,227.60	2,806.73		The rate is for complete item of work according to standard design including cement concrete foundation block and painting letters etc.
16-15-b	P&E at site : RCC 1/10th km stone.	Each	293.88	513.85	Each	293.88	513.85		
16-15-c	P&E at site : RCC boundry pillar.	Each	182.28	887.20	Each	182.28	887.20		
16-16-a	Road signs (not exceeding 1 m2) without reflection sheet & lettering : Supply and Fixing at site with PCC 1:3:6 upto max 3' depth	100 Sft	9,797.74	72,172.77	m2	1,054.24	7,765.79		The cost of pedestal, PCC and excavation is included in the rate.
16-16-b	Road signs (not exceeding 1 m2) without reflection sheet & lettering : Supply to the C&W store/site of work	100 Sft	8,241.47	63,885.73	m2	886.78	6,874.10		
16-17-a	Road sign (any size) double pedestal 4"x2"x0.25" 11' long without reflection sheet & lettering: Supply and Fixing at site with PCC 1:3:6 max 3' depth	100 Sft	14,168.59	109,541.11	m2	1,524.54	11,786.62		The cost of pedestal, PCC and excavation is included in the rate.
16-17-b	Road sign (any size) double pedestal 4"x2"x0.25" 11' long without reflection sheet & lettering: Supply to the C&W store/site of work	100 Sft	12,163.02	94,025.61	m2	1,308.74	10,117.16		
16-18-a	Supply and Fixing reflective sheet on MS/aluminium road signs etc including lettering : Diamond grade	100 Sft	1,382.40	61,882.40	m2	148.75	6,658.55		
16-18-b	Supply and Fixing reflective sheet on MS/aluminium road signs etc including lettering : High intensity grade	100 Sft	1,382.40	49,782.40	m2	148.75	5,356.59		
16-18-c	Supply and Fixing reflective sheet on MS/aluminium road signs etc including lettering : Engineering grade	100 Sft	1,382.40	7,432.40	m2	148.75	799.73		
16-19-a-01	Supply and Fixing aluminium alloy road studs as per specs Large, strip 146x30mm, 171 beads: Uni-direction	Each	33.48	674.78	Each	33.48	674.78		
16-19-a-02	Supply and Fixing aluminium alloy road studs as per specs Large, strip 146x30mm, 171 beads: Bi-direction	Each	33.48	892.58	Each	33.48	892.58		
16-19-b-01	Supply and Fixing aluminium alloy road studs as per specs Medium, strip 114x18mm, 74 beads: Uni-direction	Each	33.48	450.93	Each	33.48	450.93		
16-19-b-02	Supply and Fixing aluminium alloy road studs as per specs Medium, strip 114x18mm, 74 beads: Bi-direction	Each	33.48	577.98	Each	33.48	577.98		
16-19-c-01	Supply and Fixing aluminium alloy road studs as per specs Small, strip 75x14mm, 43 beads: Uni-directional	Each	33.48	335.98	Each	33.48	335.98		
16-19-c-02	Supply and Fixing aluminium alloy road studs as per specs Small, strip 75x14mm, 43 beads: Bi-directional	Each	33.48	420.68	Each	33.48	420.68		
16-19-c-03	Supply & Fixing Cat Eye single as specified	Each	33.48	311.78	Each	33.48	311.78		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
16-20	Providing and Fixing gantry of structural steel sections as per design / drawings including foundation complete	Cwt	1,322.83	6,098.90	kg	25.93	119.54		The cost of RCC base for the foundation is not included in the rate which is payable separately.
16-21	Providing and Laying dry brick pavement/soling in streets etc including prep, water, compaction & sand cushion	100 Cft	1,488.00	12,375.12	m3	525.48	4,370.24		The nominal thickness of bricks shall be taken for the purpose of measurement and payment.
16-22	Supply & spreading 1"-1.5" guage shingle on road surface including compaction	100 Cft	5.58	1,591.11	m3	1.97	561.90		For different thicknesses, rate is to be calculated on pro-rate basis.
16-23-a	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia: 460mm	100 Rft	11,334.84	60,879.98	m	371.88	1,997.37		
16-23-b	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia: 610mm	100 Rft	14,172.75	92,748.75	m	464.99	3,042.94		
16-23-c	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia: 760mm	100 Rft	17,007.77	131,370.75	m	558.00	4,310.07		
16-23-d	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia: 910mm	100 Rft	19,840.25	173,498.14	m	650.93	5,692.19		
16-23-e	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia: 1070mm	100 Rft	22,675.59	252,589.80	m	743.95	8,287.07		
16-23-f	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia: 1220mm	100 Rft	25,514.73	304,780.34	m	837.10	9,999.35		
16-23-g	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia: 1520mm	100 Rft	28,345.96	436,147.59	m	929.99	14,309.30		
16-24	Granular Material in Bed to RCC Pipe Culvert	100 Cft	347.60	3,054.54	m3	122.75	1,078.70		
16-25-a	Confirmatory Boring including SPT's, samples, lab test bore-hole logs & Report : Alluvial Soils	100 Rft	90,768.00	211,768.00	m	2,977.95	6,947.77		a) The bore hole dia shall not be less than 200mm and the method of execution of pre-construction boring shall be done with casing and appropriate to soil encountered.
16-25-b	Confirmatory Boring including SPT's, samples, lab test, bore-hole logs, report : in Gravelly Soil	100 Rft	90,768.00	284,368.00	m	2,977.95	9,329.66		b) Preparation and submission of bore-logs based on soil classification with SPT's values as per BS-1377 is included in the rate.

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
16-26-a	Pile Load Testing : Max Load up to 240 tonne	Job	0.00	401,022.41	Job	0.00	401,022.41		Rates includes all material, equipment, instruments and temporary work required to construct anchor pile, load test and load settlement readings and preparation of graphs of the test pile, Less Cost of Test Pile.
16-26-b	Pile Load Testing : Max Load 240 - 300 tonne	Job	0.00	437,322.41	Job	0.00	437,322.41		
16-26-c	Pile Load Testing : Max Load 300 - 360 tonne	Job	0.00	473,622.41	Job	0.00	473,622.41		
16-26-d	Pile Load Testing : Max Load 360 - 600 tonne	Job	0.00	485,722.41	Job	0.00	485,722.41		
16-27-a	Boring for Cast-in-place RCC Piles in Alluvial Soils : Dia up to 760mm	100 Rft	0.00	121,000.00	m	0.00	3,969.82		
16-27-b	Boring for Cast-in-place RCC Piles in Alluvial Soils : Dia 760 - 1220 mm	100 Rft	0.00	133,100.00	m	0.00	4,366.80		
16-27-c	Boring for Cast-in-place RCC Piles in Alluvial Soils : Dia 1220 - 2000 mm	100 Cft	0.00	169,400.00	m	0.00	5,557.74		
16-28-a	Boring for Cast-in-place RCC Piles in Gravelly Soils : Dia up to 660mm	100 Rft	0.00	193,600.00	m	0.00	6,351.71		
16-28-b	Boring for Cast-in-place RCC Piles in Gravelly Soils : Dia 660 - 910 mm	100 Rft	0.00	217,800.00	m	0.00	7,145.67		
16-29	Supply fabricate & install welded MS lining in piles of thickness as per specs/drwg	Cwt	450.12	7,765.08	kg	8.82	152.20		
16-30-a	Supply and Fixing Neoprene Bearing Pad as per specs & design	Cubic Inch	3.12	23.09	cm3	0.19	1.41		
16-30-b	Supply and Fixing Steel Bearing Pads as per specs & design	Cwt	1,133.86	9,739.71	kg	22.22	190.90		
16-34	Supply and Fixing spirally wound sheath of 50mm dia. for pre-stressing of cables in precast conc. girders	100 Rft	680.31	3,874.71	m	22.32	127.12		
16-35	Supply and Fixing stressing anchorages for high tensile steel wire cables in precast girders	Set	111.60	898.10	Set	111.60	898.10		
16-36	Launching girders in place, including lifting & handli any number of time including temporary works comp	Ft	283.53	357.28	m	930.22	1,172.18		
16-37	Stressing Cable of High Tensile Steel Wire Strands	Each	669.60	1,274.60	Each	669.60	1,274.60		
16-38	Inject Cement Grout in Sheath Pipe after stressing	100 Rft	566.91	2,737.71	m	18.60	89.82		
16-39	Cut off projecting wire ends of cables & make good anchorage recess with 1:2:4 cem. conc.	Each	109.00	190.22	Each	109.00	190.22		
16-40	Supply and place in position MS expansion joint assemblies as specified & as per drawing	Cwt	1,133.86	5,909.92	kg	22.22	115.83		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
16-41	Supply and place in position galvanised steel 3" dia drain scuppers in deck slab as per specs/drwg	Each	111.60	366.06	Each	111.60	366.06		
16-42	Providing and Fixing rain water outlet of AC pipe	Each	55.80	533.17	Each	55.80	533.17		
16-43	Supply and Fixing polystrene fill in expansion joints & under diaphragms at transoms.	100 Cft	2,814.55	2,981.53	m3	993.95	1,052.92		
16-44	Providing and Laying expansion joint of neoprene strip 4"x1/4" and plastic bitumen	100 Rft	3,742.32	15,250.87	m	122.78	500.36		
16-46	Repair to cracks to reinforced or plain cement concrete work by grouting with cement gun in (1:2) cement sand mortar including cutting the chase of required size.	100 Rft	1,705.00	2,585.27	m	55.94	84.82		
16-47	Dismantling bitumen carpet of any description from existing roads surface including its removal and disposal within 3 chains lead as desired.	100 Sft	372.00	372.00	m2	40.03	40.03		
16-48	Removing the existing worn out bitumanious surface having pot holes and ruts in patches of regular shape brushing and re-carpeting with 1" thick (consolidated) asphalt macadam as per specifications.	100 Sft	901.85	4,561.49	m2	97.04	490.82		
16-49	Providing and Laying 1" thick(consolidated) asphalt macadam with liquid asphalt (cut backs) of any approved grade with premixed sand seal coat, as specified.	100 Sft	622.85	4,282.49	m2	67.02	460.80		
16-50	Removing the existing worn out bitumanious surface pot holes and ruts in patches of regular shape brushing and re-carpeting with 2" thick(consolidated) asphalt macadam as per specificaiton complete	100 Sft	913.38	6,028.37	m2	98.28	648.65		
16-51	Providing and Laying 2" thick (consolidated) asphalt macadam with liquid asphalt(cut backs) of approved grade with precoated bajri seal coat as specified.	100 Sft	634.38	5,749.37	m2	68.26	618.63		
16-52	Removing of existing worn out bitumanious surface pot holes and ruts in patches and re-carpeting with 3" thick(consolidated) asphalt macadam as per specifiedcomplete including disposal of excavated stuff within one chain	100 Sft	1,165.23	8,647.10	m2	125.38	930.43		
16-53	Providing and Laying 3" thick (consolidated) asphalt macadam with liquid asphalt(cut backs) of approved grade with precoated bajri seal coat as specified.	100 Sft	886.23	8,368.10	m2	95.36	900.41		
16-54	Surface dressing with bituman 80/100 or any other approved grade on a primary coat of liquid asphalt (cut backs) of any approved grade primer at 22lbs&bituman at 35lbs with 5cft of 1/2 standard size bajri per %sft of road surface complete with rolling.	100 Sft	25.26	2,626.46	m2	2.72	282.61		
16-55	Providing and Laying PVC pipe (b) 8" dia in foot path of bridge for utilities.	10 Rft	37.20	3,739.80	m	12.20	1,226.97		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
16-56	Providing and filling sand behind abutment of bridges, culverts.	100 Cft	863.04	3,041.04	m3	304.78	1,073.93		
16-57	Formation of shoulder with permeable material Passing less than 7 % from 200 seive and P.I less than 4 as specified.	1000 Cft	1,235.04	23,862.04	m3	43.62	842.68		
16-58-a	Cold Milling of asphalt concrete 0-70 mm	100 Sft	55.80	1,286.97	m2	6.00	138.48		
16-58-b	Cold Milling of asphalt concrete 0-50 mm	100 Sft	37.20	893.28	m2	4.00	96.12		
16-58-c	Cold Milling of asphalt concrete 0-30 mm	100 Sft	22.32	503.30	m2	2.40	54.15		
16-59	Seal Coat / Pad Coat	100 Sft	145.08	997.31	m2	15.61	107.31		
16-60	Providing and Laying Asphalt concrete in pot holes/ deep patching upto 30 cm including ramming completel	100 Cft	2,232.00	17,379.38	m3	788.22	6,137.48		
16-61	Grooving in existing BT road of size 4x4 cm @ 2 meter c/c.	100 Sft	223.20	223.20	m2	24.02	24.02		
16-62	Leveling dressing and compaction with power roller of existing base coarse layer after asphalt scarification.	100 Sft	474.30	897.80	m2	51.03	96.60		
16-63-a	Providing and fixing kerb stone (12"x18"x6") in cement sand mortar 1:3 in center media or round about as specified.	100 Rft	1,488.00	17,755.12	m	48.82	582.52		
16-63-b	Providing and fixing kerb stone (12"x14"x6") in cement sand mortar 1:3 in center media or round about as specified.	100 Rft	1,488.00	15,819.12	m	48.82	519.00		
16-63-c	Providing and fixing kerb stone (12"x12"x6") in cement sand mortar 1:3 in center media or round about as specified.	100 Rft	1,488.00	15,335.12	m	48.82	503.12		
16-64	Bailing out water by Mechanical mean.	100 Cft	7.44	31.64	m3	2.63	11.17		
16-65-a	Pavement marking in reflective thermoplast paint with glass beads for line 15 cm width.	100 Rft	204.60	3,326.40	m	6.71	109.13		
16-65-b	Pavement marking in reflective thermoplast paint with glass beads for line 20 cm width.	100 Rft	204.60	4,387.81	m	6.71	143.96		
16-66-a	Pavement marking in non-reflective thermoplast paint for line 15 cm width.	100 Rft	204.60	1,874.40	m	6.71	61.50		
16-66-b	Pavement marking in non-reflective thermoplast paint for line 20 cm width.	100 Rft	204.60	2,442.13	m	6.71	80.12		
16-67-a	Pavement marking in reflective chlorinated rubber paint with glass beads for line 15 cm width.	100 Rft	204.60	1,293.60	m	6.71	42.44		
16-67-b	Pavement marking in reflective chlorinated rubber paint with glass beads for line 20 cm width.	100 Rft	204.60	1,663.86	m	6.71	54.59		
16-68-a	Pavement marking in reflective chlorinated rubber paint for line 15 cm width.	100 Rft	204.60	1,003.20	m	6.71	32.91		
16-68-b	Pavement marking in reflective chlorinated rubber paint for line 20 cm width.	100 Rft	204.60	1,274.72	m	6.71	41.82		
16-69	Providing & laying stone soling in water logged area including granular filling & compaction complete.	100 Cft	744.00	5,312.96	m3	262.74	1,876.26		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
16-70	Tucking and chipping of road surface before hot surface dressing over existing road.	100 Sft	186.00	186.00	m2	20.01	20.01		
16-71	Leveling course on existing surface of road.	100 Cft	367.91	37,533.31	m3	129.93	13,254.78		
16-72-a	Jack Anchorage For 20 to 24 Wires 0.5" Strand (Comprising Trumpet, Stressing Block & Wedges Complete)	Each	111.60	11,606.60	Each	111.60	11,606.60		
16-72-b	Jack Anchorage For 16 to 19 Wires 0.5" Strand (Comprising Trumpet, Stressing Block & Wedges Complete)	Each	111.60	9,791.60	Each	111.60	9,791.60		
16-72-c	Jack Anchorage For 10 to 12 Wires 0.5" Strand (Comprising Trumpet, Stressing Block & Wedges Complete)	Each	111.60	7,976.60	Each	111.60	7,976.60		
16-72-d	Jack Anchorage For 13 to 15 Wires 0.5" Strand (Comprising Trumpet, Stressing Block & Wedges Complete)	Each	111.60	8,581.60	Each	111.60	8,581.60		
16-72-e	Jack Anchorage For 8 to 9 Wires 0.5" Strand (Comprising Trumpet, Stressing Block & Wedges Complete)	Each	111.60	5,556.60	Each	111.60	5,556.60		
16-72-f	Jack Anchorage For 5 to 7 Wires 0.5" Strand (Comprising Trumpet, Stressing Block & Wedges Complete)	Each	111.60	4,951.60	Each	111.60	4,951.60		
16-72-g	Jack Anchorage For upto 4 Wires 0.5" Strand (Comprising Trumpet, Stressing Block & Wedges Complete)	Each	111.60	3,499.60	Each	111.60	3,499.60		
16-73-a	Un-galvanized Sheath for 20 to 24 Wires 0.5" Strand Cable	Rft	6.80	127.80	m	22.31	419.29		
16-73-b	Un-galvanized Sheath for 16 to 19 Wires 0.5" Strand Cable	Rft	6.80	110.86	m	22.31	363.71		
16-73-c	Un-galvanized Sheath for 13 to 15 Wires 0.5" Strand Cable	Rft	6.80	96.34	m	22.31	316.08		
16-73-d	Un-galvanized Sheath for 10 to 12 Wires 0.5" Strand Cable	Rft	6.80	81.82	m	22.31	268.44		
16-73-e	Un-galvanized Sheath for 8 to 9 Wires 0.5" Strand Cable	Rft	6.80	79.40	m	22.31	260.50		
16-73-f	Un-galvanized Sheath for 5 to 7 Wires 0.5" Strand Cable	Rft	6.80	70.93	m	22.31	232.71		
16-73-g	Un-galvanized Sheath for upto 4 Wires 0.5" Strand Cable	Rft	6.80	57.62	m	22.31	189.04		
16-73-h	Stressing and Grouting for Cables upto 24/0.5" (Single End Stressing).	Each	837.00	2,531.00	Each	837.00	2,531.00		
16-73-i	Stressing and Grouting for Cables ranging from 13/0.5" to 24/.05" (Single End Stressing).	Each	558.00	2,252.00	Each	558.00	2,252.00		
16-73-j	Stressing and Grouting for Cable below 13/0.5" (Single End Stressing).	Each	399.90	2,093.90	Each	399.90	2,093.90		
16-74-a	Supply of High Tensile Pre-stressed concrete steel wire strand Grade 270K 0.5" dia. Packed in standard reeless/weldless coils of two 2000 kgs approximately binded and wraped in Hessian Cloth.	Tonne	0.00	145,200.00	ton	0.00	147,530.03		
16-74-b	Supply of P.C Steel wire Dia 7 mm and 8 mm. Packed in reeless coils of 600 kgs to 800kgs properly binded.	tonne	0.00	174,240.00	ton	0.00	177,036.03		
16-74-c	Supply of P.C Steel wire Dia 4 mm and 5 mm. Packed in reeless coils of 600 kgs to 800kgs properly binded.	Tonne	0.00	137,940.00	ton	0.00	140,153.52		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
16-75-a	Galvanized Sheath for 20 to 24 Wires 0.5" Strand Cable	Rft	6.80	170.15	m	22.31	558.24		
16-75-b	Galvanized Sheath for 16 to 19 Wires 0.5" Strand Cable	Rft	6.80	145.95	m	22.31	478.84		
16-75-c	Galvanized Sheath for 13 to 15 Wires 0.5" Strand Cable	Rft	6.80	127.80	m	22.31	419.29		
16-75-d	Galvanized Sheath for 10 to 12 Wires 0.5" Strand Cable	Rft	6.80	103.60	m	22.31	339.90		
16-75-e	Galvanized Sheath for 8 to 9 Wires 0.5" Strand Cable	Rft	6.80	91.50	m	22.31	300.20		
16-75-f	Galvanized Sheath for 5 to 7 Wires 0.5" Strand Cable	Rft	6.80	79.40	m	22.31	260.50		
16-75-g	Galvanized Sheath for upto 4 Wires 0.5" Strand Cable	Rft	6.80	69.72	m	22.31	228.74		
16-76-a	Precast Reinfored Concrete Kerb New Jersy Barrier for Median (Double Face)	8 Rft	0.00	14,925.83	m	0.00	6,121.16		
16-76-b	Precast Reinforced Concrete Kerb New Jersy Barrier for Bridge (Single Face)	8 Rft	0.00	10,391.46	m	0.00	4,261.59		
16-77	Repair to pot holes including cleaning, brushing, removal of loose material and filling of the same with clean stone of size 0.75" to 1.5" with hot bitumen manual compaction with rammer (water bound 3% biutmen)	100 Sft	1,223.88	4,169.21	m2	131.69	448.61		
16-78-a	Metal Guard Rail as per NHA (604a)	Rft	26.41	765.48	m	86.65	2,511.42	0	
16-78-b	Metal Guard Rail End Pieces as per NHA (604b)	Each	33.48	1,836.86	Each	33.48	1,836.86	0	
16-78-c	Steel Post of Metal Guard Rail as per NHA (604d)	Each	111.60	7,264.15	Each	111.60	7,264.15	0	

Chapter # 17 LINING OF CANALS

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
17-01-a	Formation, dressing and preparing sub-grade in bed	100 Sft	401.76	401.76	m2	43.23	43.23		
17-01-b	Formation, dressing and preparing sub-grade On slope	100 Sft	558.00	558.00	m2	60.04	60.04		
17-02	Stabilized layer of cement, sand mortar 1:30 2" thick on slope	100 Sft	1,116.00	1,768.19	m2	120.08	190.26		
17-03-a	1/2" thick plaster of cement, sand motar 1:10 in bed	100 Sft	803.52	1,071.90	m2	86.46	115.34		
17-03-b	1/2" thick plaster of cement, sand motar 1:10 On slope	100 Sft	1,023.00	1,291.38	m2	110.07	138.95		
17-04-a	1«" thick plaster of cement, sand mortar 1:6 in bed	100 Sft	1,023.00	2,136.32	m2	110.07	229.87		
17-04-b	1«" thick plaster of cement, sand mortar 1:6 On slope	100 Sft	1,302.00	2,415.32	m2	140.10	259.89		
17-05-a	3/8" thick plaster of cement, sand mortar 1:3 in bed	100 Sft	803.52	1,227.38	m2	86.46	132.07		
17-05-b	3/8" thick plaster of cement, sand mortar 1:3 On slope	100 Sft	1,023.00	1,446.86	m2	110.07	155.68		
17-06-a	Lining with Brick tiles 12"x6"x2", in c/s mortar 1:6 over a layer of 1/8" thick c/s mortar 1:6 (in bed)	100 Cft	3,999.00	24,014.58	m3	1,412.23	8,480.68		The rates covers laying tiles including mortar item 17.01 to 17.05 are payable separately.
17-06-b	Lining with Brick tiles 12"x6"x2", in c/s mortar 1:6 over a layer of 1/8" thick c/s mortar 1:6 (On slope)	100 Cft	4,557.00	24,572.58	m3	1,609.29	8,677.73		
17-07-a	Lining with Brick tiles 12"x6"x2", in c/s mortar 1:3 over a layer of 1/8" thick c/s mortar 1:3 (in bed)	100 Cft	3,999.00	25,276.86	m3	1,412.23	8,926.45		ditto
17-07-b	Lining with Brick tiles 12"x6"x2", in c/s mortar 1:3 over a layer of 1/8" thick c/s mortar 1:3 (On slope)	100 Cft	4,557.00	25,834.86	m3	1,609.29	9,123.50		
17-08-a	Lining with bricks 9"x4.5"x3" (First Class) in c/s mort. 1:6 ove a layer of 1/8" thick c/s mortar 1:6 (in bed)	100 Cft	3,999.00	16,149.58	m3	1,412.23	5,703.18		ditto
17-08-b	Lining with bricks 9"x4.5"x3" (First Class), in c/s mort. 1:6 over a layer of 1/8" thick c/s mortar 1:6 (On slope)	100 Cft	4,557.00	16,707.58	m3	1,609.29	5,900.23		
17-09-a	Lining with bricks 9"x4.5"x3" (First Class), in c/s mort. 1:3 over a layer of 1/8" thick c/s mortar 1:3 (in bed)	100 Cft	3,999.00	17,411.85	m3	1,412.23	6,148.94		ditto
17-09-b	Lining with bricks 9"x4.5"x3" (First Class), in c/s mort. 1:3 over a layer of 1/8" thick c/s mortar 1:3 (On slope)	100 Cft	4,557.00	17,969.85	m3	1,609.29	6,346.00		
17-10-a-01	4" thick PCC lining, using washed screened & graded/curshed stone aggregate : in bed : Ratio 1:2:4	100 Cft	3,162.00	16,162.97	m3	1,116.65	5,707.90		
17-10-a-02	4" thick PCC lining, using washed screened & graded/curshed stone aggregate : in bed : Ratio 1:3:6	100 Cft	3,162.00	13,933.42	m3	1,116.65	4,920.55		
17-10-a-03	4" thick PCC lining, using washed screened & graded/curshed stone aggregate : in bed : Ratio 1:4:8	100 Cft	3,162.00	12,026.46	m3	1,116.65	4,247.11		
17-10-b-01	4" thick PCC lining, using washed screened & graded/curshed stone aggregate : On slope : Ratio 1:2:4	100 Cft	3,720.00	16,720.97	m3	1,313.71	5,904.96		
17-10-b-02	4" thick PCC lining, using washed screened & graded/curshed stone aggregate : On slope : Ratio 1:3:6	100 Cft	3,720.00	14,491.42	m3	1,313.71	5,117.60		
17-10-b-03	4" thick PCC lining, using washed screened & graded/curshed stone aggregate : On slope : Ratio 1:4:8	100 Cft	3,720.00	12,584.46	m3	1,313.71	4,444.16		

Chapter # 17 LINING OF CANALS

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
17-11-a	Providing and Laying segments in Precast lining (Parabola type) Type A	Rft	150.66	595.86	m	494.29	1,954.91		
17-11-b	Providing and Laying segments in Precast lining (Parabola type) Type B	Rft	100.44	292.37	m	329.53	959.22		
17-11-c	Providing and Laying PCC segments in Precast lining (Parabola type) Type C	Rft	81.84	215.75	m	268.50	707.83		
17-11-d	Providing and Laying PCC segments in Precast lining (Parabola type) Type D	Rft	81.84	186.54	m	268.50	612.00		
17-11-e	Providing and Laying PCC segments in Precast lining (Parabola type) Type SPL D	Rft	75.64	157.11	m	248.16	515.46		
17-11-f	Providing and Laying PCC segments in Precast lining (Parabola type) Type E	Rft	75.64	141.54	m	248.16	464.39		

Chapter # 18 SHEET PILING

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
18-01	Cutting Ransome & Larson piles.	Each	186.00	186.00	Cut	186.00	186.00		
18-02	Cutting universal piles	Each	200.88	200.88	Cut	200.88	200.88		
18-03-a	Driving steel piles to depth of: Upto 15'	Rft	55.01	55.01	m	180.47	180.47		a) The rates includes laying and removing of track and also carriage way of piles to machine, average distance of 100 ft.
18-03-b	Driving steel piles to depth of: More than 15' to 25'	Rft	73.15	73.15	m	240.00	240.00		b) The rates are for the trackle ganges only supplied by the contractor. Mechincal staff on machine will be supplied by the Govt;
18-03-c	Driving steel piles to depth of: More than 25' to 30'	Rft	76.21	76.21	m	250.05	250.05		c) T-piles and adjustable junction piles will be counted as two piles.
18-04	Dolleying piles upto 5'	Each	148.80	148.80	Each	148.80	148.80		
18-05	Drilling holes in piles by hand	Each	22.32	22.32	Each	22.32	22.32		
18-06	Raising and lowering machine	Each	6,513.72	6,513.72	Each	6,513.72	6,513.72		
18-07-a	Turning Machine : 90	Job	3,720.00	3,720.00	Job	3,720.00	3,720.00		
18-07-b	Turning Machine : 135	Job	4,650.00	4,650.00	Job	4,650.00	4,650.00		
18-07-c	Turning Machine : 180	Job	5,952.00	5,952.00	Job	5,952.00	5,952.00		
18-08	Travelling machine (light)	50 meter	5,803.20	5,803.20	50 m	5,803.20	5,803.20		
18-09	Loading and unloading piles	tonne	137.64	137.64	tonne	137.64	137.64		To be done by hand carts or ramps, including cost of ropes.
18-10	Carriage of piling machine under different conditions	50 meter	3,069.00	3,069.00	50 m	3,069.00	3,069.00		
18-11	Erecting piling machines	Each	19,790.40	19,790.40	Each	19,790.40	19,790.40		
18-12	Dismantling piling machine	Each	19,790.40	19,790.40	Each	19,790.40	19,790.40		

Chapter # 19 PROTECTION AND DIVERSION WORKS

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
19-01	Cutting pilchi, frash or sarkanda including carriage within 1.5 km.	100 Cft	706.80	706.80	m3	249.60	249.60		
19-02	Weaving matresses	100 Sft	1,339.20	1,339.20	m2	144.10	144.10		
19-03-a	Supply & fill used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : in dry	Each	30.13	38.60	Each	30.13	38.60		The rate dones not include supply of sand or earth for filling of bags, which shall be paid extra.
19-03-b	Supply & fill used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : Under water	Each	37.57	46.04	Each	37.57	46.04		
19-03-c	Supply & fill used cotton bags 1.25 cft capacity with sand or earth, sewing & stacking : in dry	Each	30.13	80.55	each	30.13	80.55		
19-03-d	Supply & fill used cotton bags 1.25 cft capacity with sand or earth, sewing & stacking : Under Water	Each	37.57	87.99	each	37.57	87.99		
19-04-a	Supply & fill new synthetic fibre/plastic bags 4-5cft capacity with sand or earth,sewing, stacking : in dry	Each	120.53	137.47	Each	120.53	137.47		ditto
19-04-b	Supply & fill new synthetic fibre/plastic bags 4-5cft capacity with sand or earth,sewing, stacking : Under water	Each	150.29	167.23	Each	150.29	167.23		
19-04-c	Supply & fill used cotton bags 4-5 cft capacity with sand or earth, sewing & stacking : in dry	Each	120.53	253.63	Each	120.53	253.63		
19-04-d	Supply & fill used cotton bags 4-5 cft capacity with sand or earth, sewing & stacking : Under Water	Each	150.29	283.39	Each	150.29	283.39		
19-05-a	Carriage of synthetic fibre/plastic bags 1.25 cft capacity filled with sand / earth : 1st 50 m	100 No.	152.52	152.52	100 No.	152.52	152.52		
19-05-b	Carriage of synthetic fibre/plastic bags 1.25 cft capacity filled with sand / earth : 2nd & 3rd 50 m	100No/50m	115.32	115.32	100No/50	115.32	115.32		
19-05-c	Carriage of synthetic fibre/plastic bags 1.25 cft capacity filled with sand / earth : 4th and subsequent 50 m	100No/50m	12.65	12.65	100No/50	12.65	12.65		
19-06-a	Carriage of new synthetic fibre/plastic bags 4-5 cft capacity filled with sand/earth : 1st 50 m	100 No.	610.08	610.08	100 No.	610.08	610.08		
19-06-b	Carriage of new synthetic fibre/plastic bags 4-5 cft capacity filled with sand/earth : 2nd & 3rd 50 m	100No/50m	461.28	461.28	100No/50	461.28	461.28		
19-06-c	Carriage of new synthetic fibre/plastic bags 4-5 cft capacity filled with sand/earth : 4th & subsequent 50 m	100No/50m	50.59	50.59	100No/50	50.59	50.59		
19-07-a	Rolling matresses to river edge & floating, after unrolling with area : Upto 200 m2	100 Sft	409.20	409.20	m2	44.03	44.03		
19-07-b	Rolling matresses to river edge & floating, after unrolling with area : Over 200 to 250 m2	100 Sft	651.00	651.00	m2	70.05	70.05		
19-07-c	Rolling matresses to river edge & floating, after unrolling with area : Over 250 m2	100 Sft	777.48	777.48	m2	83.66	83.66		
19-08	Sewing empty cement bags in sheets	100 No.	539.40	704.57	100 No.	539.40	704.57		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
19-09	Making compact round pilchi, frash or sarkanda round bundles of specified size for the work	100 Cft	725.40	725.40	m3	256.17	256.17		Measured in the shape of compact round bundles and of size specified for the work before filling at site.
19-10	Launching the bundles mentioned in Item 19-09 above & placing in position	100 Cft	446.40	446.40	m3	157.64	157.64		
19-11-a	Supply within 150m (500 feet) : Boulders 9" and above	100 Cft	1,346.64	1,346.64	m3	475.56	475.56		
19-11-b	Supply within 150m (500 feet) : Over size shingle 3" to 9"	100 Cft	900.24	900.24	m3	317.92	317.92		
19-11-c	Supply within 150m (500 feet): Mixed graded shingle	100 Cft	1,063.92	1,063.92	m3	375.72	375.72		
19-12	Supplying munj or patha trungers (6" mesh to hold 3 cft) stones/boulders	Each	93.00	133.52	Each	93.00	133.52		
19-13-a-01	Provide & weave GI wire netting for wire crates 6"x9" mesh : 15 SWG wire	100 Sft	837.00	1,330.68	m2	90.06	143.18		
19-13-a-02	Provide & weave GI wire netting for wire crates 6"x9" mesh : 10 SWG wire	100 Sft	837.00	2,437.76	m2	90.06	262.30		
19-13-a-03	Provide & weave GI wire netting for wire crates 6"x9" mesh : 8 SWG wire	100 Sft	837.00	2,730.65	m2	90.06	293.82		
19-13-b-01	Provide & weave GI wire netting for wire crates 6"x6" mesh : 15 SWG wire	100 Sft	1,004.40	1,384.53	m2	108.07	148.98		
19-13-b-02	Provide & weave GI wire netting for wire crates 6"x6" mesh : 10 SWG wire	100 Sft	1,004.40	2,272.36	m2	108.07	244.51		
19-13-b-03	Provide & weave GI wire netting for wire crates 6"x6" mesh : 8 SWG wire	100 Sft	1,004.40	3,475.22	m2	108.07	373.93		
19-13-c-01	Provide & weave GI wire netting for wire crates 4"x4" mesh : 15 SWG wire	100 Sft	1,116.00	1,687.43	m2	120.08	181.57		
19-13-c-02	Provide & weave GI wire netting for wire crates 4"x4" mesh : 10 SWG wire	100 Sft	1,116.00	3,017.94	m2	120.08	324.73		
19-13-c-03	Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire	100 Sft	1,116.00	3,955.87	m2	120.08	425.65		
19-14	Providing and Laying shingle on top of bund, including handling of materials within 100 m.	100 Cft	372.00	1,582.00	m3	131.37	558.68		
19-15-a	Supply & dump at site, without boat, including handling within 100m : Stone	100 Cft	744.00	4,676.50	m3	262.74	1,651.49		
19-15-a-01	Supply & dump at site, without boat, including handling within 100m : boulders	100 Cft	744.00	2,740.50	m3	262.74	967.80		
19-15-b	Supply & dump at site, without boat, including handling within 100m : Shingle or spawls	100 Cft	744.00	1,954.00	m3	262.74	690.05		
19-15-c	Supply & dump at site, without boat, including handling within 100m : Brick bats	100 Cft	558.00	4,067.00	m3	197.06	1,436.25		
19-16-a	Supplying and dumping by boat, including loading within 100m lead : Stone or boulder	100 Cft	2,852.00	4,848.50	m3	1,007.18	1,712.23		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
19-16-b	Supplying and dumping by boat, including loading within 100m lead : Shingle or spawls	100 Cft	2,852.00	4,062.00	m3	1,007.18	1,434.48		
19-16-c	Supplying and dumping by boat, including loading within 100m lead : Brick bats	-	-	-	-	-	-		DELETED
19-17-a	Provide & fill brick bats in crates, excluding cost of crates : without hand packing.	-	-	-	-	-	-		DELETED
19-17-b	Provide & fill brick bats in crates, excluding cost of crates : with hand packing.	-	-	-	-	-	-		DELETED
19-18-a	Supply & fill bricks in wire crates including sewing crates, excl cost of crates : Stone or boulder	100 Cft	803.52	2,800.02	m3	283.76	988.82		
19-18-b	Supply & fill bricks in wire crates including sewing crates, excl cost of crates : Shingle or spawls	-	-	-	-	-	-		DELETED
19-19	Extra for anchoring boat for dumping by boats or tipping crates	100 Cft	74.40	74.40	m3	26.27	26.27		
19-20	Extra for tipping crates (in addition to achoring boats)	100 Cft	744.00	744.00	m3	262.74	262.74		
19-21	Pilchi revetment, including carriage upto 1.5 km	100 Sft	372.00	2,037.77	m2	40.03	219.26		
19-22	Surface protection with pilchi matresses including carriage upto 1.5 km.	100 Sft	0.00	43.56	m2	0.00	4.69		
19-23	Pilchi, sarkanda or frash pitching on slopes, incl supply within 1.5 km, pegging & tying with wire	100 Sft	744.00	7,589.13	m2	80.05	816.59		
19-24-a	P&E groynes, vertical wooden stakes 7"-12" dia Upto 1.5 m high, single row of stakes at 0.3m	100 Sft	744.00	6,991.48	m2	80.05	752.28		
19-24-b	P&E groynes, vertical wooden stakes 7"-12" dia Upto 3 m high, double row of stakes at 0.6m	100 Sft	1,302.00	8,420.68	m2	140.10	906.07		
19-25	Providing and Laying stone pithcing/filling, dry hand packed in pitching & aprons	100 Cft	1,116.00	4,746.00	m3	394.11	1,676.04		
19-26	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	100 Cft	1,116.00	4,746.00	m3	394.11	1,676.04		
19-27	Providing and Laying stone pitching with hammer dressed stones on surface, laid in courses	100 Cft	2,604.00	6,960.00	m3	919.59	2,457.90		
19-28-a	Providing and Laying stone pitching for top layer only : On slope	100 Cft	3,348.00	7,704.00	m3	1,182.34	2,720.64		
19-28-b	Providing and Laying stone pitching for top layer only : On level	100 Cft	2,604.00	6,960.00	m3	919.59	2,457.90		
19-29-a	Providing and Laying stone or spawl filling : On slope	100 Cft	558.00	4,551.00	m3	197.06	1,607.17		
19-29-b	Providing and Laying stone or spawl filling : On level	100 Cft	465.00	4,458.00	m3	164.21	1,574.33		
19-30-a	Providing and Laying grouted stone pitching, in 1:8 c/s mortar Top layer on slope	100 Cft	4,092.00	10,456.00	m3	1,445.08	3,692.51		
19-30-b	Providing and Laying grouted stone pitching, in 1:8 c/s mortar Top layer on level	100 Cft	3,348.00	9,712.00	m3	1,182.34	3,429.76		
19-30-c	Providing and Laying grouted stone pitching, in 1:8 c/s mortar Stone pitching/filling on slope or on level	100 Cft	2,790.00	9,154.00	m3	985.28	3,232.71		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
19-31-a	Grouting stone pitching or apron etc, in : Cement, sand mortar (1:3)	100 Sft	1,581.00	5,192.85	m2	170.12	558.75		
19-31-b	Grouting stone pitching or apron etc, in : Cement, sand mortar (1:8)	100 Sft	1,581.00	3,545.65	m2	170.12	381.51		
19-32	Sand grouting in stone apron, with high pressure hose	100 Sft	558.00	1,483.65	m2	60.04	159.64		
19-33	Grouting stone filling or pitching with bajri	100 Cft	465.00	1,445.10	m3	164.21	510.33		
19-34	Remove stone & repitching hand packed, on slopes or level, making good damaged portion	100 Cft	2,604.00	2,604.00	m3	919.59	919.59		
19-35	Collect & stack boulders from nullah beds or loose shale etc within 100m lead	100 Cft	1,116.00	1,116.00	m3	394.11	394.11		
19-36	Levelling and dressing stone filling under blocks and grouting with shingle	100 Cft	558.00	921.00	m3	197.06	325.25		
19-37	Grouting jharies between blocks with bajri	100 Cft	930.00	1,910.10	m3	328.43	674.55		
19-38-a	Breaking stone into spawls and stacking	100 Cft	558.00	558.00	m3	197.06	197.06		
19-38-b	Stone pitching with hammer dressed stone on surface laid in courses including carriage of material with in 91.50 (300 feet) meters.	100 Cft	3,534.00	7,890.00	m3	1,248.02	2,786.33		
19-38-c	Stone pitching hand packed with surface levelled off to the correct section with hammer dressed stone and voids filled in 1:8 cement mortar in floors of bridges and along banks and in aprons etc including 91.50 meter lead.	100 Cft	4,092.00	10,427.80	m3	1,445.08	3,682.55		
19-38-d	Removing stone and repitching, hand packed on slopes after making good damage slope.	100 Cft	1,488.00	1,488.00	m3	525.48	525.48		
19-38-e	Collecting and stacking boulders from nullah beds or loose shale from any other site, within 91.50 (300 feet) meter lead	100 Cft	744.00	744.00	m3	262.74	262.74		
19-38-f-01	Stone pitching for top layer only on slop	-	-	-	-	-	-		DELETED
19-38-f-02	Stone pitching for top layer only on Bed	-	-	-	-	-	-		DELETED
19-38-g-01	Laying stone or spawl filling. a)on level	100 Cft	465.00	4,458.00	m3	164.21	1,574.33		
19-38-g-02	Laying stone or spawl filling. a)on slop	100 Cft	558.00	4,551.00	m3	197.06	1,607.17		
19-39-a	Fix floating spurs, with material from canal plantation within 1 km : Upto 2' FS depth	Each	18.60	18.60	Each	18.60	18.60		
19-39-b	Fix floating spurs, with material from canal plantation within 1 km : Over 2' to 3' FS depth	Each	26.41	26.41	Each	26.41	26.41		
19-39-c	Fix floating spurs, with material from canal plantation within 1 km : Over 3' to 4' FS depth	Each	37.20	37.20	Each	37.20	37.20		
19-39-d	Fix floating spurs, with material from canal plantation within 1 km : Exceeding 4' depth	Each	74.40	74.40	Each	74.40	74.40		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
19-40-a-01	Stake & bush from canal plantation etc : Pegs 3.5' long, 3"-6" dia: Unsharpened within 1km	100 No.	1,212.72	1,503.12	100 No.	1,212.72	1,503.12		Royalty to be paid to the forest Department or cost to the private owner, as the case may be, if and when required.
19-40-a-02	Stake & bush from canal plantation etc : Pegs 3.5' long, 3"-6" dia: Sharpening one end	100 No.	558.00	558.00	100 No.	558.00	558.00		
19-40-a-03	Stake & bush from canal plantation etc : Pegs 3.5' long, 3"-6" dia: Driving 1' below ground	100 No.	465.00	465.00	100 No.	465.00	465.00		
19-40-a-04	Stake & bush from canal plantation etc : Pegs 3.5' long, 3"-6" dia: Tying with munj, patha ban	100 Rft	186.00	208.38	100 Rft	186.00	208.38		
19-40-a-05	Stake & bush from canal plantation etc : Pegs 3.5' long, 3"-6" dia: Wattle+intertwine brushwood	100 Rft	1,302.00	1,737.60	100 Rft	1,302.00	1,737.60		
19-40-b-01	Stake & bush from canal plantation etc : Pegs 4' long, 3"-6" dia: Unsharpened within 1km	100 No.	1,398.72	1,834.32	100 No.	1,398.72	1,834.32		
19-40-b-02	Stake & bush from canal plantation etc : Pegs 4' long, 3"-6" dia: Sharpening one end	100 No.	558.00	558.00	100 No.	558.00	558.00		
19-40-b-03	Stake & bush from canal plantation etc : Pegs 4' long, 3"-6" dia: Driving 1.25' below ground	100 No.	651.00	651.00	100 No.	651.00	651.00		
19-40-b-04	Stake & bush from canal plantation etc : Pegs 4' long, 3"-6" dia: Tying with munj, patha ban	100 Rft	186.00	208.38	100 Rft	186.00	208.38		
19-40-b-05	Stake & bush from canal plantation etc : Pegs 4' long, 3"-6" dia: Wattle+intertwine brushwood	100 Rft	1,581.00	2,016.60	100 Rft	1,581.00	2,016.60		ditto
19-40-c-01	Stake & bush from canal plantation etc : Pegs 5' long, 3"-6" dia: Unsharpened within 1km	100 No.	1,674.00	1,964.40	100 No.	1,674.00	1,964.40		
19-40-c-02	Stake & bush from canal plantation etc : Pegs 5' long, 3"-6" dia: Sharpening one end	100 No.	595.20	595.20	100 No.	595.20	595.20		
19-40-c-03	Stake & bush from canal plantation etc : Pegs 5' long, 3"-6" dia: Driving 1.5' below ground	100 No.	494.76	494.76	100 No.	494.76	494.76		
19-40-c-04	Stake & bush from canal plantation etc : Pegs 5' long, 3"-6" dia: Tying with munj, patha ban	100 Rft	186.00	208.38	100 Rft	186.00	208.38		
19-40-c-05	Stake & bush from canal plantation etc : Pegs 5' long, 3"-6" dia: Wattle+intertwine brushwood	100 Rft	1,934.40	2,370.00	100 Rft	1,934.40	2,370.00		Royalty to be paid to the forest Department or cost to the private owner, as the case may be, if and when required.
19-40-d-01	Stake & bush from canal plantation etc : Pegs 6' long, 3"-6" dia: Unsharpened within 1km	100 No.	2,046.00	2,336.40	100 No.	2,046.00	2,336.40		
19-40-d-02	Stake & bush from canal plantation etc : Pegs 6' long, 3"-6" dia: Sharpening one end	100 No.	691.92	691.92	100 No.	691.92	691.92		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
19-40-d-03	Stake & bush from canal plantation etc : Pegs 6' long, 3"-6" dia: Driving 1.75' below ground	100 No.	582.92	582.92	100 No.	582.92	582.92		
19-40-d-04	Stake & bush from canal plantation etc : Pegs 6' long, 3"-6" dia: Tying with munj, patha ban	100 Rft	186.00	208.38	100 Rft	186.00	208.38		
19-40-d-05	Stake & bush from canal plantation etc : Pegs 6' long, 3"-6" dia: Wattle+intertwine brushwood	100 Rft	2,418.00	2,853.60	100 Rft	2,418.00	2,853.60		ditto
19-40-e-01	Stake & bush from canal plantation etc : Pegs 8' long, 4"-8" dia: Unsharpened within 1km	100 No.	4,278.00	4,568.40	100 No.	4,278.00	4,568.40		
19-40-e-02	Stake & bush from canal plantation etc : Pegs 8' long, 4"-8" dia: Sharpening one end	100 No.	870.48	870.48	100 No.	870.48	870.48		
19-40-e-03	Stake & bush from canal plantation etc : Pegs 8' long, 4"-8" dia: Driving 2' below ground	100 No.	644.68	644.68	100 No.	644.68	644.68		
19-40-e-04	Stake & bush from canal plantation etc : Pegs 8' long, 4"-8" dia: Tying with munj, patha ban	100 Rft	186.00	212.86	100 Rft	186.00	212.86		
19-40-e-05	Stake & bush from canal plantation etc : Pegs 8' long, 4"-8" dia: Wattle+intertwine brushwood	100 Rft	2,790.00	3,225.60	100 Rft	2,790.00	3,225.60		ditto
19-41-a-01	Stake, market bamboo, bush from any source 8'-10' long, 2.5"-5" dia : Supply bamboo	100 No.	0.00	21,780.00	100 No.	0.00	21,780.00		ditto
19-41-a-02	Stake, market bamboo, bush from any source 8'-10' long, 2.5"-5" dia : Sharpen one end	100 No.	744.00	744.00	100 No.	744.00	744.00		
19-41-a-03	Stake, market bamboo, bush from any source 8'-10' long, 2.5"-5" dia : Driving bamboo 2.5'	100 No.	744.00	744.00	100 No.	744.00	744.00		
19-41-a-04	Stake, market bamboo, bush from any source 8'-10' long, 2.5"-5" dia : Tying bamboo with wire	100 Rft	372.00	398.86	100 Rft	372.00	398.86		
19-41-a-05	Stake, market bamboo, bush from any source 8'-10' long, 2.5"-5" dia : Wattle & intertwine	100 Rft	3,534.00	4,230.96	100 Rft	3,534.00	4,230.96		Royalty to be paid to the forest Department or cost to the private owner, as the case may be, if and when required.
19-41-b-01	Stake, market bamboo, bush from any source 10'-12' long, 2.5"-5" dia : Supply bamboo	100 No.	0.00	26,136.00	100 No.	0.00	26,136.00		
19-41-b-02	Stake, market bamboo, bush from any source 10'-12' long, 2.5"-5" dia : Sharpen one end	100 No.	870.48	870.48	100 No.	870.48	870.48		
19-41-b-03	Stake, market bamboo, bush from any source 10'-12' long, 2.5"-5" dia : Driving bamboo 2.75'	100 No.	781.20	781.20	100 No.	781.20	781.20		
19-41-b-04	Stake, market bamboo, bush from any source 10'-12' long, 2.5"-5" dia : Tying bamboo with wire	100 Rft	186.00	2,148.38	100 Rft	186.00	2,148.38		
19-41-b-05	Stake, market bamboo, bush from any source 10'-12' long, 2.5"-5" dia : Wattle & intertwine	100 Rft	4,389.60	5,260.80	100 Rft	4,389.60	5,260.80		ditto
19-41-c-01	Stake, market bamboo, bush from any source 12'-14' long, 2.5"-5" dia : Supply bamboo	100 No.	0.00	30,492.00	100 No.	0.00	30,492.00		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
19-41-c-02	Stake, market bamboo, bush from any source 12'-14' long, 2.5"-5" dia : Sharpen one end	100 No.	982.08	982.08	100 No.	982.08	982.08		
19-41-c-03	Stake, market bamboo, bush from any source 12'-14' long, 2.5"-5" dia : Driving bamboo 3.5'	100 No.	867.88	867.88	100 No.	867.88	867.88		
19-41-c-04	Stake, market bamboo, bush from any source 12'-14' long, 2.5"-5" dia : Tying bamboo with wire	100 Rft	186.00	2,148.38	100 Rft	186.00	2,148.38		
19-41-c-05	Stake, market bamboo, bush from any source 12'-14' long, 2.5"-5" dia : Wattle & intertwine	100 Rft	5,122.44	6,342.12	100 Rft	5,122.44	6,342.12		ditto
19-41-d-01	Stake, market bamboo, bush from any source 14'-16' long, 2.5"-5" dia : Supply bamboo	100 No.	0.00	34,848.00	100 No.	0.00	34,848.00		
19-41-d-02	Stake, market bamboo, bush from any source 14'-16' long, 2.5"-5" dia : Sharpen one end	100 No.	1,116.00	1,116.00	100 No.	1,116.00	1,116.00		
19-41-d-03	Stake, market bamboo, bush from any source 14'-16' long, 2.5"-5" dia : Driving bamboo 4'	100 No.	967.20	967.20	100 No.	967.20	967.20		
19-41-d-04	Stake, market bamboo, bush from any source 14'-16' long, 2.5"-5" dia : Tying bamboo with wire	100 Rft	186.00	2,148.38	100 Rft	186.00	2,148.38		
19-41-d-05	Stake, market bamboo, bush from any source 14'-16' long, 2.5"-5" dia : Wattle & intertwine	100 Rft	5,208.00	6,601.92	100 Rft	5,208.00	6,601.92		Royalty to be paid to the forest Department or cost to the private owner, as the case may be, if and when required.
19-41-e-01	Stake, market bamboo, bush from any source 16'-20' long, 2.5"-5" dia : Supply bamboo	100 No.	0.00	43,560.00	100 No.	0.00	43,560.00		
19-41-e-02	Stake, market bamboo, bush from any source 16'-20' long, 2.5"-5" dia : Sharpen one end	100 No.	1,309.44	1,309.44	100 No.	1,309.44	1,309.44		
19-41-e-03	Stake, market bamboo, bush from any source 16'-20' long, 2.5"-5" dia : Driving bamboo 4'	100 No.	1,165.48	1,165.48	100 No.	1,165.48	1,165.48		
19-41-e-04	Stake, market bamboo, bush from any source 16'-20' long, 2.5"-5" dia : Tying bamboo with wire	100 Rft	186.00	2,148.38	100 Rft	186.00	2,148.38		
19-41-e-05	Stake, market bamboo, bush from any source 16'-20' long, 2.5"-5" dia : Wattle & intertwine	100 Rft	5,580.00	7,148.16	100 Rft	5,580.00	7,148.16		ditto
19-42	Cut & supply brushwood from canal plantation or from any other source, within 1.5 km.	100 Cft	372.06	677.28	m3	131.39	239.18		ditto
19-43	Filling brush wood only, thoroughly packed	100 Cft	185.40	185.40	m3	65.47	65.47		Measured in compacted and packed shape before filling.
19-44	Covering road 10' to 12' wide, with 3" sarkanda or jungle, upto 50m lead	100 Rft	222.46	222.46	50 m	364.83	364.83		
19-45	Gachi pitching 1' thick	100 Sft	2,420.07	2,420.07	m2	260.40	260.40		
19-46	Gachi pitching done with silt clearance and berm dressing	100 Sft	2,046.69	2,046.69	m2	220.22	220.22		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
19-47	Filter granular backfill behind retaining wall (stone/boulder filling upto one meter to prevent choking of weep holes).	100 Cft	744.00	3,121.65	m3	262.74	1,102.40		

Chapter # 20 OUTLETS

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
20-01-a	Earthwork for Outlets : Exc/Refill/Ram/Puddle Upto 50 cusecs channel discharge	Job	930.00	930.00	Job	930.00	930.00		Includes consolidation of earth after refilling
20-01-b	Earthwork for outlets : Exc/Refill/Ram/Puddle 51-100 cusecs channel discharge	Job	1,227.60	1,227.60	Job	1,227.60	1,227.60		
20-01-c	Earthwork for outlets : Exc/Refill/Ram/Puddle 101-200 cusecs channel discharge	Job	1,860.00	1,860.00	Job	1,860.00	1,860.00		
20-01-d	Earthwork for outlets : Exc/Refill/Ram/Puddle 201-350 cusecs channel discharge	Job	2,511.00	2,511.00	Job	2,511.00	2,511.00		
20-01-e	Earthwork for Outlets : Ex/Refill/Ram/Puddle Over 350 cusecs channel discharge	Job	3,720.00	3,720.00	Job	3,720.00	3,720.00		
20-02-a	Dismantling outlets: Old types such as KGO's orfices, etc	Each	930.00	930.00	Each	930.00	930.00		The rates are for total dismantlement and remaoval of material. The rates do not include earthwork for which rates are given in item No 20-01 above.
20-02-b	Dismantling outlets: APM or OF, 'H' upto 2.0 ft.	Each	1,395.00	1,395.00	Each	1,395.00	1,395.00		
20-02-c	Dismantling outlets: APM or OF, 'H' from 2.1-3.0ft	Each	1,860.00	1,860.00	Each	1,860.00	1,860.00		
20-02-d	Dismantling outlets: APM or OF, 'H' above 3.0 ft	Each	2,325.00	2,325.00	Each	2,325.00	2,325.00		
20-02-e	Dismantling outlets: Tail cluster bifurcation	Each	1,395.00	1,395.00	Each	1,395.00	1,395.00		
20-02-f	Dismantling outlets: Tail cluster trifurcation	Each	1,860.00	1,860.00	Each	1,860.00	1,860.00		
20-02-g	Dismantling outlets: Tail cluster quardification	Each	2,325.00	2,325.00	Each	2,325.00	2,325.00		
20-03	Making temporary APM brick block & fixing at site	Each	368.28	665.34	Each	368.28	665.34		
20-04	Dismantling walls, taking out temporary APM brick block, fixing iron block & rebuilding walls	Job	930.00	930.00	Job	930.00	930.00		
20-05	Dismantling walls & fitting iron block of OF outlet	Each	930.00	930.00	Each	930.00	930.00		
20-06-a	Constructing, watching & removing bund for outlet built in running water : Upto 3' depth	Each	1,860.00	1,860.00	Each	1,860.00	1,860.00		
20-06-b	Constructing, watching & removing bund for outlet built in running water : Over 3' depth	Each	2,511.00	2,511.00	Each	2,511.00	2,511.00		
20-07	Adjusting "B" of tail cluster by dismantling and rebuilding throat walls	Each	576.60	994.05	Each	576.60	994.05		
20-08	Adjusting "Y" of an APM outlet, including dismantling and rebuilding	Each	1,116.00	1,782.71	Each	1,116.00	1,782.71		
20-09-a	Extra labour in fixing APM and OF outlet blocks Depth exceeding 5.0'	Each	1,116.00	1,241.84	Each	1,116.00	1,241.84		
20-09-b	Extra labour in fixing APM and OF outlet blocks Depth more than 4.0' to 5.0'	Each	837.00	962.84	Each	837.00	962.84		
20-09-c	Extra labour in fixing APM and OF outlet blocks Depth more than 3.0' to 4.0'	Each	669.60	795.44	Each	669.60	795.44		

Chapter # 20 OUTLETS

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
20-09-d	Extra labour in fixing APM and OF outlet blocks Depth more than 2.0' to 3.0'	Each	558.00	657.83	Each	558.00	657.83		
20-09-e	Extra labour in fixing APM and OF outlet blocks Depth upto 2.0'	Each	446.40	520.21	Each	446.40	520.21		
20-10	Repairing damaged reducing collar of hume pipe outlets	Each	368.28	532.24	Each	368.28	532.23		
20-11	Laying iron pipes for outlets.	Rft	29.85	29.85	m	97.94	97.94		
20-12	Water allowance for constructing outlets or culverts, when canal water not flowing	Each	465.00	465.00	Each	465.00	465.00		At the discretion of the Engineer-in-Charge depending upon the distance and the source of supply.
20-13	Hoisting and placing RC slab or stone in position on outlets or WC culverts	Each	390.60	390.60	Each	390.60	390.60		
20-14-a	Fixing pipe outlet, including backfilling of earth & puddling : Portion under bank	Rft	77.46	87.98	m	254.14	288.65		
20-14-b	Fixing pipe outlet, including backfilling of earth & puddling : Portion under road, beyond bank	Rft	35.73	46.24	m	117.21	151.72		
20-15-a	Removing pipe outlet,refilling earth & puddling Portion under bank	Rft	62.04	62.04	m	203.54	203.54		
20-15-b	Removing pipe outlet,refilling earth & puddling Portion under road, beyond	Rft	23.25	23.25	m	76.28	76.28		
20-16-a	Changing pipe outlets by removing one pipe & replacing : Portion under bank	Rft	90.05	100.57	m	295.44	329.95		
20-16-b	Changing pipe outlets by removing one pipe & replacing : Portion under road, beyond	Rft	44.91	55.43	m	147.35	181.86		

Chapter # 21 SINKING OF WELLS

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
21-01-a-01	Excavate well in dry & dispose of soil within 50m in ordinary soil or sand : Upto 1.5 m depth	100 Cft	275.99	275.99	m3	97.46	97.46		
21-01-a-02	Excavate well in dry & dispose of soil within 50m in ordinary soil or sand : 1.5 to 3 m depth	100 Cft	288.63	288.63	m3	101.93	101.93		
21-01-a-03	Excavate well in dry & dispose of soil within 50m in ordinary soil or sand : 3 to 4.5 m depth	100 Cft	325.50	325.50	m3	114.95	114.95		
21-01-a-04	Excavate well in dry & dispose of soil within 50m in ordinary soil or sand : 4.5 to 6 m depth	100 Cft	371.85	371.85	m3	131.32	131.32		
21-01-b-01	Excavate well in dry & dispose of soil within 50m in hard soil : Upto 1.5 m depth	100 Cft	337.08	337.08	m3	119.04	119.04		
21-01-b-02	Excavate well in dry & dispose of soil within 50m in hard soil : Above 1.5 to 3 m depth	100 Cft	351.83	351.83	m3	124.25	124.25		
21-01-b-03	Excavate well in dry & dispose of soil within 50m in hard soil : Above 3 to 4.5 m depth	100 Cft	384.49	384.49	m3	135.78	135.78		
21-01-b-04	Excavate well in dry & dispose of soil within 50m in hard soil : Above 4.5 to 6 m depth	100 Cft	432.94	432.94	m3	152.89	152.89		
21-01-c-01	Excavate well in dry & dispose of soil within 50m in hard strata like shingle : Upto 1.5 m depth	100 Cft	725.78	725.78	m3	256.31	256.31		
21-01-c-02	Excavate well in dry & dispose of soil within 50m in hard strata like shingle :1.5 to 3 m depth	100 Cft	752.12	752.12	m3	265.61	265.61		
21-01-c-03	Excavate well in dry & dispose of soil within 50m in hard strata like shingle : 3 to 4.5 m depth	100 Cft	783.72	783.72	m3	276.77	276.77		
21-01-c-04	Excavate well in dry & dispose of soil within 50m in hard strata like shingle : 4.5 to 6 m depth	100 Cft	841.66	841.66	m3	297.23	297.23		
21-02-a-01	Dry sinking of well & disposal of soil within 50m in ordinary soil : 3 to 4.5 m depth	100 Cft	1,488.43	1,488.43	m3	525.64	525.64		
21-02-a-02	Dry sinking of well & disposal of soil within 50m in ordinary soil : 4.5 to 6 m depth	100 Cft	1,860.28	1,860.28	m3	656.95	656.95		
21-02-a-03	Dry sinking of well & disposal of soil within 50m in ordinary soil : 6 to 7.5 m depth	100 Cft	2,232.12	2,232.12	m3	788.27	788.27		
21-02-a-04	Dry sinking of well & disposal of soil within 50m in ordinary soil : 7.5 to 9 m depth	100 Cft	2,603.97	2,603.97	m3	919.58	919.58		
21-02-a-05	Dry sinking of well & disposal of soil within 50m in ordinary soil : 9 to 10.5 m depth	100 Cft	2,975.81	2,975.81	m3	1,050.90	1,050.90		
21-02-a-06	Dry sinking of well & disposal of soil within 50m in ordinary soil : 10.5 to 12 m depth	100 Cft	3,347.66	3,347.66	m3	1,182.22	1,182.22		
21-02-a-07	Dry sinking of well & disposal of soil within 50m in ordinary soil : 12 to 13.5 m depth	100 Cft	3,720.56	3,720.56	m3	1,313.90	1,313.90		
21-02-a-08	Dry sinking of well & disposal of soil within 50m in ordinary soil : Exceeding 13.5 m depth	100 Cft	4,092.40	4,092.40	m3	1,445.22	1,445.22		
21-02-b-01	Dry sinking of well & disposal of soil within 50m in hard soil : 3 to 4.5 m depth	100 Cft	2,045.68	2,045.68	m3	722.42	722.42		

Chapter # 21 SINKING OF WELLS

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
21-02-b-02	Dry sinking of well & disposal of soil within 50m in hard soil : 4.5 to 6 m depth	100 Cft	2,417.52	2,417.52	m3	853.74	853.74		
21-02-b-03	Dry sinking of well & disposal of soil within 50m in hard soil : 6 to 7.5 m depth	100 Cft	2,790.42	2,790.42	m3	985.43	985.43		
21-02-b-04	Dry sinking of well & disposal of soil within 50m in hard soil : 7.5 to 9 m depth	100 Cft	3,162.26	3,162.26	m3	1,116.74	1,116.74		
21-02-b-05	Dry sinking of well & disposal of soil within 50m in hard soil : 9 to 10.5 m depth	100 Cft	3,534.11	3,534.11	m3	1,248.06	1,248.06		
21-02-b-06	Dry sinking of well & disposal of soil within 50m in hard soil : 10.5 to 12 m depth	100 Cft	3,905.95	3,905.95	m3	1,379.38	1,379.38		
21-02-b-07	Dry sinking of well & disposal of soil within 50m in hard soil : 12 to 13.5 m depth	100 Cft	4,277.80	4,277.80	m3	1,510.69	1,510.69		
21-02-b-08	Dry sinking of well & disposal of soil within 50m in hard soil : Exceeding 13.5 m depth	100 Cft	4,649.64	4,649.64	m3	1,642.01	1,642.01		
21-02-c-01	Dry sinking of well & disposal of soil within 50m in hard strata like shingle : 3 to 4.5 m depth	100 Cft	2,789.37	2,789.37	m3	985.06	985.06		
21-02-c-02	Dry sinking of well & disposal of soil within 50m in hard strata like shingle : 4.5 to 6 m depth	100 Cft	3,162.26	3,162.26	m3	1,116.74	1,116.74		
21-02-c-03	Dry sinking of well & disposal of soil within 50m in hard strata like shingle : 6 to 7.5 m depth	100 Cft	3,534.11	3,534.11	m3	1,248.06	1,248.06		
21-02-c-04	Dry sinking of well & disposal of soil within 50m in hard strata like shingle : 7.5 to 9 m depth	100 Cft	3,905.95	3,905.95	m3	1,379.38	1,379.38		
21-02-c-05	Dry sinking of well & disposal of soil within 50m in hard strata like shingle : 9 to 10.5 m depth	100 Cft	4,277.80	4,277.80	m3	1,510.69	1,510.69		
21-02-c-06	Dry sinking of well & disposal of soil within 50m in hard strata like shingle : 10.5 to 12 m depth	100 Cft	4,649.64	4,649.64	m3	1,642.01	1,642.01		
21-02-c-07	Dry sinking of well & disposal of soil within 50m in hard strata like shingle : 12 to 13.5 m depth	100 Cft	5,022.54	5,022.54	m3	1,773.70	1,773.70		
21-02-c-08	Dry sinking of well & disposal of soil within 50m in hard strata like shingle : Over 13.5 m depth	100 Cft	5,394.39	5,394.39	m3	1,905.01	1,905.01		
21-03-a-01	Wet sinking of well for depths below spring level Upto 1.5 m depth	100 Cft	1,996.87	1,996.87	m3	705.19	705.19		The outer dimensions of the curb shall from basis of payment.
21-03-a-02	Wet sinking of well for depths below spring level Above 1.5 to 3 m depth	100 Cft	3,967.40	3,967.40	m3	1,401.08	1,401.08		
21-03-a-03	Wet sinking of well for depths below spring level Above 3 to 4.5 m depth	100 Cft	6,105.77	6,105.77	m3	2,156.24	2,156.24		
21-03-a-04	Wet sinking of well for depths below spring level Above 4.5 to 6 m depth	100 Cft	8,265.22	8,265.22	m3	2,918.84	2,918.84		
21-03-a-05	Wet sinking of well for depths below spring level Above 6 to 7.5 m depth	100 Cft	10,896.22	10,896.22	m3	3,847.97	3,847.97		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
21-03-a-06	Wet sinking of well for depths below spring level Above 7.5 to 9 m depth	100 Cft	13,922.60	13,922.60	m3	4,916.72	4,916.72		
21-03-a-07	Wet sinking of well for depths below spring level Above 9 to 10.5 m depth	100 Cft	16,886.83	16,886.83	m3	5,963.53	5,963.53		
21-03-a-08	Wet sinking of well for depths below spring level Above 10.5 to 12 m depth	100 Cft	20,881.27	20,881.27	m3	7,374.16	7,374.16		
21-03-a-09	Wet sinking of well for depths below spring level Above 12 to 13.5 m depth	100 Cft	24,796.00	24,796.00	m3	8,756.63	8,756.63		
21-03-a-10	Wet sinking of well for depths below spring level Exceeding 13.5 m depth	100 Cft	29,834.34	29,834.34	m3	10,535.91	10,535.91		
21-03-b-01	Wet sinking of well for depths below spring level in cohesive soil : Upto 1.5 m depth	100 Cft	2,569.56	2,569.56	m3	907.43	907.43		
21-03-b-02	Wet sinking of well for depths below spring level in cohesive soil : 1.5 to 3 m depth	100 Cft	4,960.74	4,960.74	m3	1,751.87	1,751.87		
21-03-b-03	Wet sinking of well for depths below spring level in cohesive soil : Above 3 to 4.5 m depth	100 Cft	7,487.82	7,487.82	m3	2,644.30	2,644.30		
21-03-b-04	Wet sinking of well for depths below spring level in cohesive soil : Above 4.5 to 6 m depth	100 Cft	9,920.44	9,920.44	m3	3,503.37	3,503.37		
21-03-b-05	Wet sinking of well for depths below spring level in cohesive soil : Above 6 to 7.5 m depth	100 Cft	13,682.08	13,682.08	m3	4,831.79	4,831.79		
21-03-b-06	Wet sinking of well for depths below spring level in cohesive soil : Above 7.5 to 9 m depth	100 Cft	17,253.05	17,253.05	m3	6,092.86	6,092.86		
21-03-b-07	Wet sinking of well for depths below spring level in cohesive soil : Above 9 to 10.5 m depth	100 Cft	21,162.17	21,162.17	m3	7,473.36	7,473.36		
21-03-b-08	Wet sinking of well for depths below spring level in cohesive soil : Above 10.5 to 12 m depth	100 Cft	26,456.13	26,456.13	m3	9,342.90	9,342.90		
21-03-b-09	Wet sinking of well for depths below spring level in cohesive soil : Above 12 to 13.5 m depth	100 Cft	30,996.22	30,996.22	m3	10,946.22	10,946.22		
21-03-b-10	Wet sinking of well for depths below spring level in cohesive soil : Exceeding 13.5 m depth	100 Cft	37,081.63	37,081.63	m3	13,095.27	13,095.27		
21-03-c-01	Wet sinking of well for depths below spring level in shingle/gravel etc : Upto 1.5 m depth	100 Cft	5,158.08	5,158.08	m3	1,821.56	1,821.56		
21-03-c-02	Wet sinking of well for depths below spring level in shingle/gravel etc : 1.5 to 3 m depth	100 Cft	12,282.48	12,282.48	m3	4,337.52	4,337.52		
21-03-c-03	Wet sinking of well for depths below spring level in shingle/gravel etc : 3 to 4.5 m depth	100 Cft	16,747.78	16,747.78	m3	5,914.43	5,914.43		
21-03-c-04	Wet sinking of well for depths below spring level in shingle/gravel etc : 4.5 to 6 m depth	100 Cft	23,190.99	23,190.99	m3	8,189.83	8,189.83		
21-03-c-05	Wet sinking of well for depths below spring level in shingle/gravel etc : 6 to 7.5 m depth	100 Cft	34,853.73	34,853.73	m3	12,308.49	12,308.49		
21-03-c-06	Wet sinking of well for depths below spring level in shingle/gravel etc : 7.5 to 9 m depth	100 Cft	45,094.04	45,094.04	m3	15,924.83	15,924.83		

Chapter # 21 SINKING OF WELLS

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
21-03-c-07	Wet sinking of well for depths below spring level in shingle/gravel etc : 9 to 10.5 m depth	100 Cft	56,556.29	56,556.28	m3	19,972.68	19,972.68		
21-03-c-08	Wet sinking of well for depths below spring level in shingle/gravel etc : 10.5 to 12 m depth	100 Cft	73,262.97	73,262.97	m3	25,872.60	25,872.60		
21-03-c-09	Wet sinking of well for depths below spring level in shingle/gravel etc : 12 to 13.5 m depth	100 Cft	92,115.06	92,115.07	m3	32,530.16	32,530.16		
21-03-c-10	Wet sinking of well for depths below spring level in shingle/gravel etc : Exceeding 13.5 m depth	100 Cft	117,206.72	117,206.72	m3	41,391.20	41,391.20		
21-04	Making & fixing in position, kikar wood well curb	100 Cft	122,976.44	259,101.44	m3	43,428.75	91,500.88		
21-05	Laying well curb in position only	Each	744.00	744.00	Each	744.00	744.00		
21-06-a	Providing & laying RCC well curb in position, using coarse sand : Ratio 1:1.5:3	100 Cft	9,868.12	25,553.32	m3	3,484.90	9,024.08		a) If concrete mixer is supplied by government, all charges including depreciation will be recoverd from the contractor.
21-06-b	Providing & laying RCC well curb in position, using coarse sand : Ratio 1:2:4	100 Cft	9,868.12	23,455.08	m3	3,484.90	8,283.09		b) The rate does not include cost of steel reinforcement and its labour for bending/binding, which is payable separately.
21-07	Providing and fixing structural steel for cutting edge	Ton	18,600.00	149,731.78	tonne	18,306.12	147,366.03		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
22-01-a-01	Tega formed of pacca bricks on end, laid in and over c/s mortar : 3" thick : Ratio 1:3	100 Rft	744.45	2,825.48	m	24.42	92.70		
22-01-a-02	Tega formed of pacca bricks on end, laid in and over c/s mortar : 3" thick : Ratio 1:5	100 Rft	744.45	2,575.66	m	24.42	84.50		
22-01-b-01	Tega formed of pacca bricks on end, laid in and over c/s mortar : 4.5" thick : Ratio 1:3	100 Rft	818.63	3,296.31	m	26.86	108.15		
22-01-b-02	Tega formed of pacca bricks on end, laid in and over c/s mortar : 4.5" thick : Ratio 1:5	100 Rft	818.63	3,154.53	m	26.86	103.50		
22-02-a	Pacca flat brick 3" thick, laid in reimbursement, in c/s mortar, on sides of drains etc : Ratio 1:3	100 Sft	1,023.38	4,380.21	m2	110.12	471.31		
22-02-b	Pacca flat brick 3" thick, laid in reimbursement, in c/s mortar, on sides of drains etc : Ratio 1:5	100 Sft	1,023.38	4,127.12	m2	110.12	444.08		
22-02-c	Pacca flat brick 3" thick, laid in reimbursement, in c/s mortar, on sides of drains etc : Ratio 1:6	100 Sft	1,023.38	4,054.25	m2	110.12	436.24		
22-03-a	Pacca brick on edge, laid in reimbursement, in c/s mortar, on sides of drains etc : Ratio 1:3	100 Sft	1,145.97	6,170.91	m2	123.31	663.99		
22-03-b	Pacca brick on edge, laid in reimbursement, in c/s mortar, on sides of drains etc : Ratio 1:5	100 Sft	1,145.97	5,799.26	m2	123.31	624.00		
22-03-c	Pacca brick on edge, laid in reimbursement, in c/s mortar, on sides of drains etc : Ratio 1:6	100 Sft	1,145.97	5,688.25	m2	123.31	612.06		
22-04-a	Pacca flat brick, Herring bond pitching in c/s mortar laid to line, grade, slope etc : Ratio 1:3	100 Sft	960.15	4,740.36	m2	103.31	510.06		
22-04-b	Pacca flat brick, Herring bond pitching in c/s mortar laid to line, grade, slope etc : Ratio 1:5	100 Sft	960.15	4,455.38	m2	103.31	479.40		
22-04-c	Pacca flat brick, Herring bond pitching in c/s mortar laid to line, grade, slope etc : Ratio 1:6	100 Sft	960.15	4,392.43	m2	103.31	472.63		
22-05-a	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type I	100 Rft	954.47	6,041.43	m	31.31	198.21		The rate does not include cost of excavation, which is to be paid separately.
22-05-b	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type II	100 Rft	2,426.56	14,211.93	m	79.61	466.27		
22-05-c	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type III	100 Rft	3,084.62	18,014.77	m	101.20	591.04		
22-05-d	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type IV	100 Rft	3,323.02	21,733.58	m	109.02	713.04		
22-05-e	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type V	100 Rft	4,456.56	28,998.65	m	146.21	951.40		
22-05-f	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type VI	100 Rft	5,036.76	33,029.64	m	165.25	1,083.65		
22-05-g	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type VII	100 Rft	5,113.88	34,738.28	m	167.78	1,139.71		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
22-05-h	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type VIII	100 Rft	7,702.34	51,835.54	m	252.70	1,700.64		
22-05-i	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type IX	100 Rft	8,781.50	58,015.35	m	288.11	1,903.39		
22-05-j	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type X	100 Rft	9,473.75	70,121.38	m	310.82	2,300.57		
22-05-k	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type XI	100 Rft	10,355.78	74,059.74	m	339.76	2,429.78		
22-05-l	Construct Punjab standard drains, of cement concrete 1:1.5:3, complete : Type XII	100 Rft	10,585.70	75,924.91	m	347.30	2,490.97		
22-06-a	Laying RC hume pipes in position including jointing 6" to 12" dia	100 Rft	5,581.82	5,967.17	m	183.13	195.77		
22-06-b	Laying RC hume pipes in position including jointing 12" to 24" dia	100 Rft	8,377.26	9,158.47	m	274.84	300.47		
22-06-c	Laying RC hume pipes in position including jointing 24" to 36" dia	100 Rft	11,183.45	12,363.26	m	366.91	405.62		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
23-01-a	Providing and Laying RCC pipe, moulded with cement concrete 1:1.5:3, including cost of reinforcement, testing etc : 4" dia:	Rft	65.21	170.83	m	213.95	560.48		
23-01-b	Providing and Laying RCC pipe, moulded with cement concrete 1:1.5:3, including cost of reinforcement, testing etc : 6" dia:	Rft	73.72	190.96	m	241.86	626.50		
23-01-c	Providing and Laying RCC pipe, moulded with cement concrete 1:1.5:3, including cost of reinforcement, testing etc : 9" dia:	Rft	82.23	241.29	m	269.77	791.64		
23-02-a	Providing and Laying non-reinforced concrete pipe, moulded with cement concrete 1:1.5:3 complete : 4" internal diameter	Rft	56.71	117.21	m	186.05	384.54		
23-02-b	Providing and Laying non-reinforced concrete pipe, moulded with cement concrete 1:1.5:3 complete : 6" i/d	Rft	73.72	174.15	m	241.86	571.36		
23-02-c	Providing and Laying non-reinforced concrete pipe, moulded with cement concrete : 9" i/d wall thickness 1".	Rft	107.74	228.74	m	353.49	750.47		
23-03-a-01	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 12" i/d, Wall B	Rft	184.30	490.17	m	604.65	1,608.18		
23-03-a-02	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 15" i/d, Wall B	Rft	226.83	575.15	m	744.19	1,886.96		
23-03-a-03	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 18" i/d, Wall B	Rft	276.45	712.66	m	906.99	2,338.12		
23-03-a-04	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 21" i/d, Wall B	Rft	336.42	897.86	m	1,103.73	2,945.72		
23-03-a-05	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 24" i/d, Wall B	Rft	368.60	1,057.54	m	1,209.31	3,469.60		
23-03-a-06	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 27" i/d, Wall B	Rft	496.08	1,703.05	m	1,627.55	5,587.44		
23-03-a-07	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 30" i/d, Wall B	Rft	552.90	1,593.79	m	1,813.96	5,228.98		
23-03-a-08	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 33" i/d, Wall B	Rft	602.52	1,820.99	m	1,976.76	5,974.36		
23-03-a-09	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 36" i/d, Wall B	Rft	658.77	2,056.23	m	2,161.32	6,746.16		
23-03-a-10	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 42" i/d, Wall B	Rft	850.61	2,987.72	m	2,790.71	9,802.24		
23-03-a-11	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 48" i/d, Wall B	Rft	978.21	3,585.98	m	3,209.34	11,765.03		
23-03-a-12	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 54" i/d, Wall B	Rft	1,275.91	4,697.19	m	4,186.07	15,410.73		
23-03-a-13	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 60" i/d, Wall B	Rft	1,757.93	5,630.46	m	5,767.48	18,472.63		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
23-03-a-14	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 66" i/d, Wall B	Rft	2,413.18	8,100.18	m	7,917.26	26,575.40		
23-03-a-15	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 72" i/d, Wall B	Rft	3,281.94	10,826.29	m	10,767.51	35,519.32		
23-03-b-01	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 12" i/d, Wall B	Rft	184.30	486.07	m	604.65	1,594.73		
23-03-b-02	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 15" i/d, Wall B	Rft	226.83	570.71	m	744.19	1,872.41		
23-03-b-03	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 18" i/d, Wall B	Rft	276.45	711.57	m	906.99	2,334.53		
23-03-b-04	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 21" i/d, Wall B	Rft	335.99	932.52	m	1,102.34	3,059.46		
23-03-b-05	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 24" i/d, Wall B	Rft	368.60	1,042.33	m	1,209.31	3,419.70		
23-03-b-06	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 27" i/d, Wall B	Rft	496.25	1,534.91	m	1,628.10	5,035.79		
23-03-b-07	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 30" i/d, Wall B	Rft	552.90	1,754.38	m	1,813.96	5,755.83		
23-03-b-08	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 33" i/d, Wall B	Rft	602.52	1,963.77	m	1,976.76	6,442.80		
23-03-b-09	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 36" i/d, Wall B	Rft	659.17	2,273.31	m	2,162.62	7,458.35		
23-03-b-10	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 42" i/d, Wall B	Rft	850.61	3,363.05	m	2,790.71	11,033.64		
23-03-b-11	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 48" i/d, Wall B	Rft	978.66	4,101.67	m	3,210.83	13,456.93		
23-03-b-12	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 54" i/d, Wall B	Rft	1,275.91	5,154.93	m	4,186.07	16,912.51		
23-03-b-13	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 60" i/d, Wall B	Rft	1,757.93	7,051.68	m	5,767.48	23,135.42		
23-03-b-14	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 66" i/d, Wall B	Rft	2,402.97	9,299.97	m	7,883.77	30,511.73		
23-03-b-15	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class III : 72" i/d, Wall B	Rft	3,281.94	12,001.10	m	10,767.51	39,373.69		
23-03-c-01	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 12" i/d, Wall B	Rft	184.30	562.70	m	604.65	1,846.14		
23-03-c-02	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 15" i/d, Wall B	Rft	226.83	708.49	m	744.19	2,324.46		
23-03-c-03	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 18" i/d, Wall B	Rft	276.45	884.99	m	906.99	2,903.53		
23-03-c-04	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 21" i/d, Wall B	Rft	335.99	1,117.80	m	1,102.34	3,667.31		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
23-03-c-05	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 24" i/d, Wall B	Rft	368.60	1,253.75	m	1,209.31	4,113.35		
23-03-c-06	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 27" i/d, Wall B	Rft	496.02	1,822.42	m	1,627.36	5,979.07		
23-03-c-07	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 30" i/d, Wall B	Rft	552.90	1,958.07	m	1,813.96	6,424.11		
23-03-c-08	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 33" i/d, Wall B	Rft	602.52	2,493.14	m	1,976.76	8,179.60		
23-03-c-09	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 36" i/d, Wall B	Rft	658.49	2,805.34	m	2,160.39	9,203.87		
23-03-c-10	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 42" i/d, Wall B	Rft	850.61	3,840.21	m	2,790.71	12,599.10		
23-03-c-11	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 48" i/d, Wall B	Rft	978.66	4,113.57	m	3,210.83	13,495.95		
23-03-c-12	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 54" i/d, Wall B	Rft	1,275.91	6,349.93	m	4,186.07	20,833.10		
23-03-c-13	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 60" i/d, Wall B	Rft	1,757.93	7,013.50	m	5,767.48	23,010.17		
23-03-c-14	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 66" i/d, Wall B	Rft	2,402.97	11,114.97	m	7,883.77	36,466.44		
23-03-c-15	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class IV : 72" i/d, Wall B	Rft	3,281.94	14,251.07	m	10,767.51	46,755.48		
23-04-a	Lowering of sub-soil water table by tubewells Upto 1 ft below SSWL	Rft	0.00	147.56	m	0.00	484.12		a) This rate shall be payable, in addition to the item of excavation below SSWL for sewer and manholes under chapter 3 earthwork
23-04-b	Lowering of sub-soil water table by tubewells 0 - 2 ft below SSWL	Rft	0.00	313.57	m	0.00	1,028.76		b) The grant of these rates shall be subject to Superintending Engineer's approval.
23-04-c	Lowering of sub-soil water table by tubewell 0 - 3 ft below SSWL	Rft	0.00	494.33	m	0.00	1,621.82		c) The rate includes cost of providing pumps, POL and all operation charges at the site of work, etc
23-04-d	Lowering of sub-soil water table by tubewells 0 - 4 ft below SSWL	Rft	0.00	686.16	m	0.00	2,251.18		
23-04-e	Lowering of sub-soil water table by tubewells 0 - 5 ft below SSWL	Rft	0.00	900.12	m	0.00	2,953.16		
23-04-f	Lowering of sub-soil water table by tubewells 0 - 6 ft below SSWL	Rft	0.00	1,121.46	m	0.00	3,679.34		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
23-04-g	Lowering of sub-soil water table by tubewells 0 - 7 ft below SSWL	Rft	0.00	1,328.05	m	0.00	4,357.12		
23-04-h	Lowering of sub-soil water table by tubewells 0 - 8 ft below SSWL	Rft	0.00	1,519.88	m	0.00	4,986.48		
23-04-i	Lowering of sub-soil water table by tubewells 0 - 9 ft below SSWL	Rft	0.00	1,726.46	m	0.00	5,664.25		
23-04-j	Lowering of sub-soil water table by tubewells 0 - 10 ft below SSWL	Rft	0.00	2,036.34	m	0.00	6,680.91		
23-04-k	Lowering of sub-soil water table by tubewells 0 - 11 ft below SSWL	Rft	0.00	2,154.39	m	0.00	7,068.21		
23-04-l	Lowering of sub-soil water table by tubewells 0 - 12 ft below SSWL	Rft	0.00	2,360.98	m	0.00	7,745.98		
23-05-a	Constructing gully grating chamber complete With CI gully trap,weighing 81 lbs. frame hinged	Each	1,053.13	5,315.13	Each	1,053.13	5,315.13		Pipe connection to be paid separately.
23-05-b	Constructing gully grating chamber complete Concrete gully trap	Each	1,053.13	3,766.55	Each	1,053.13	3,766.55		
23-06	Fixing manhole frame and cover in RCC slab, including carriage to site	Set	781.20	781.20	Set	781.20	781.20		
23-07	Providing and Fixing 3" thick RCC manhole cover, 22" dia with tee shaped CI frame of 20" clear i/d complete	Set	1,754.24	4,891.25	Set	1,754.24	4,891.25		
23-08-a	RCC manhole cover 22" dia with: Tee shaped CI frame, 22" i/d complete	Set	2,439.20	15,497.54	Set	2,439.20	15,497.54		
23-08-b	RCC manhole cover 22" dia with: 3"x3"x1/4" angle iron frame, 22" i/d complete	Set	2,437.34	14,040.32	Set	2,437.34	14,040.32		
23-09-a	Providing and Fixing CI ventilating shaft of 9" i/d, painted with bitumenous paint complete : 18 ft. long	100 Kg	223.20	12,952.40	100 Kg	223.20	12,952.40		
23-09-b	Providing and Fixing CI ventilating shaft of 9" i/d, painted with bitumenous paint complete : 24 ft. long	100 Kg	297.60	13,026.80	100 Kg	297.60	13,026.80		
23-09-c	Providing and Fixing CI ventilating shaft of 9" i/d, painted with bitumenous paint complete : 30 ft. long	100 Kg	372.00	13,101.20	100 Kg	372.00	13,101.20		
23-09-d	Providing and Fixing CI ventilating shaft of 9" i/d, painted with bitumenous paint complete : 36 ft. long	100 Kg	446.40	13,175.60	100 Kg	446.40	13,175.60		
23-10	Septic Tank (int.Size: 7'x2'x5') complete	Each	1,860.00	14,024.00	Each	1,860.00	14,024.00		
23-11	Soakage Pit (6'dia x 15' deep) complete	Each	1,860.00	14,332.24	Each	1,860.00	14,332.24		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-01	Mobilization of plant, equipment and camping arrangements etc & demobilization after completion	Job	0.00	24,200.00	Job	0.00	24,200.00		
24-02-a-01	Tubewell boring in all soils except shingle/rock From ground upto 100' below ground : 3" i/d	Rft	66.98	124.97	m	219.75	410.01		
24-02-a-02	Tubewell boring in all soils except shingle/rock From ground upto 100' below ground : 4" i/d	Rft	99.79	186.78	m	327.41	612.80		
24-02-a-03	Tubewell boring in all soils except shingle/rock From ground upto 100' below ground : 5" i/d	Rft	150.40	276.53	m	493.43	907.26		
24-02-a-04	Tubewell boring in all soils except shingle/rock From ground upto 100' below ground : 6" i/d	Rft	226.06	402.65	m	741.66	1,321.01		
24-02-a-05	Tubewell boring in all soils except shingle/rock From ground upto 100' below ground : 8" i/d	Rft	339.09	577.48	m	1,112.50	1,894.63		
24-02-a-06	Tubewell boring in all soils except shingle/rock From ground upto 100' below ground : 10" i/d	Rft	508.63	806.63	m	1,668.74	2,646.41		
24-02-a-07	Tubewell boring in all soils except shingle/rock From ground upto 100' below ground : 12" i/d	Rft	635.79	993.38	m	2,085.93	3,259.13		
24-02-a-08	Tubewell boring in all soils except shingle/rock From ground upto 100' below ground : 15" i/d	Rft	794.75	1,205.98	m	2,607.45	3,956.63		
24-02-a-09	Tubewell boring in all soils except shingle/rock From ground upto 100' below ground : 18" i/d	Rft	993.44	1,445.80	m	3,259.33	4,743.43		
24-02-b-01	Tubewell boring in all soils except shingle/rock From 100' to 200' below ground : 5" i/d	Rft	256.20	470.63	m	840.56	1,544.07		
24-02-b-02	Tubewell boring in all soils except shingle/rock From 100' to 200' below ground : 6" i/d	Rft	361.70	760.22	m	1,186.67	2,494.17		
24-02-b-03	Tubewell boring in all soils except shingle/rock From 100' to 200' below ground : 8" i/d	Rft	440.82	750.73	m	1,446.25	2,463.02		
24-02-b-04	Tubewell boring in all soils except shingle/rock From 100' to 200' below ground : 10" i/d	Rft	474.26	831.85	m	1,555.98	2,729.18		
24-02-b-05	Tubewell boring in all soils except shingle/rock From 100' to 200' below ground : 12" i/d	Rft	675.79	1,087.02	m	2,217.16	3,566.34		
24-02-b-06	Tubewell boring in all soils except shingle/rock From 100' to 200' below ground : 15" i/d	Rft	913.95	1,386.86	m	2,998.52	4,550.08		
24-02-b-07	Tubewell boring in all soils except shingle/rock From 100' to 200' below ground : 18" i/d	Rft	1,142.43	1,662.64	m	3,748.15	5,454.86		
24-02-c-01	Tubewell boring in all soils except shingle/rock From 200' to 300' below ground : 5" i/d	Rft	345.94	635.42	m	1,134.96	2,084.70		
24-02-c-02	Tubewell boring in all soils except shingle/rock From 200' to 300' below ground : 6" i/d	Rft	452.19	805.36	m	1,483.55	2,642.27		
24-02-c-03	Tubewell boring in all soils except shingle/rock From 200' to 300' below ground : 8" i/d	Rft	437.77	825.16	m	1,436.27	2,707.23		
24-02-c-04	Tubewell boring in all soils except shingle/rock From 200' to 300' below ground : 10" i/d	Rft	732.43	1,161.54	m	2,402.99	3,810.83		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-02-c-05	Tubewell boring in all soils except shingle/rock From 200' to 300' below ground : 12" i/d	Rft	877.39	1,370.87	m	2,878.58	4,497.59		
24-02-c-06	Tubewell boring in all soils except shingle/rock From 200' to 300' below ground : 15" i/d	Rft	1,005.34	1,525.55	m	3,298.37	5,005.08		
24-02-c-07	Tubewell boring in all soils except shingle/rock From 200' to 300' below ground : 18" i/d	Rft	1,258.61	1,830.84	m	4,129.30	6,006.68		
24-02-d-01	Tubewell boring in all soils except shingle/rock From 300' to 400' below ground : 8" i/d	Rft	661.22	1,126.09	m	2,169.36	3,694.52		
24-02-d-02	Tubewell boring in all soils except shingle/rock From 300' to 400' below ground : 10" i/d	Rft	878.92	1,393.85	m	2,883.59	4,573.00		
24-02-d-03	Tubewell boring in all soils except shingle/rock From 300' to 400' below ground : 12" i/d	Rft	1,052.87	1,645.04	m	3,454.29	5,397.11		
24-02-d-04	Tubewell boring in all soils except shingle/rock From 300' to 400' below ground : 15" i/d	Rft	1,206.94	1,831.18	m	3,959.76	6,007.82		
24-02-d-05	Tubewell boring in all soils except shingle/rock From 300' to 400' below ground : 18" i/d	Rft	1,508.01	2,194.69	m	4,947.55	7,200.41		
24-03-a-01	Rotary drilling except in shingle, gravel & rock From ground to 250' below ground : 5"-18" i/d	Rft	0.00	1,004.29	m	0.00	3,294.91		
24-03-a-02	Rotary drilling except in shingle, gravel & rock From ground to 250' below ground : 20"-26" i/d	Rft	0.00	1,210.00	m	0.00	3,969.82		
24-03-b-01	Rotary drilling except in shingle, gravel & rock Exceeding 250' below ground : 5"-18" i/d	Rft	0.00	1,255.36	m	0.00	4,118.65		
24-03-b-02	Rotary drilling except in shingle, gravel & rock Exceeding 250' below ground : 20"-26" i/d	Rft	0.00	1,512.50	m	0.00	4,962.27		
24-04-a-01	Boring for tubewell in shingle, gravel & rock From ground to 200' below ground : 12"-18" i/d	Rft	0.00	2,510.73	m	0.00	8,237.29		Location and depth of shingle, gravel or rock is to be determined from the bore log.
24-04-a-02	Boring for tubewell in shingle, gravel & rock From ground to 200' below ground : 20"-26" i/d	Rft	0.00	3,025.00	m	0.00	9,924.54		
24-04-b-01	Boring for tubewell in shingle, gravel & rock Over 200' depth below ground : 12"-18" i/d	Rft	0.00	3,143.43	m	0.00	10,313.08		
24-04-b-02	Boring for tubewell in shingle, gravel & rock Over 200' depth below ground : 20"-26" i/d	Rft	0.00	3,787.30	m	0.00	12,425.53		
24-05	Providing strong substantially built box of deodar 4'x2«'x9", with compartments & lock	Job	837.00	8,163.55	Job	837.00	8,163.55		
24-06	Furnishing sample of water from bore hole	Per set	1,488.00	1,691.28	Per set	1,488.00	1,691.28		
24-07-a	Providing and installing brass strainer in tubewell bore hole 6" i/d, 3/16" thick	Rft	283.54	2,945.54	m	930.24	9,663.84		Cost/labour of jointing both ends is included in the rate.
24-07-b	Providing and installing brass strainer in tubewell bore hole 8" i/d, 3/16" thick	Rft	411.13	4,283.13	m	1,348.85	14,052.26		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-07-c	Providing and installing brass strainer in tubewell bore hole 10" i/d 3/16" thick	Rft	425.30	4,478.80	m	1,395.36	14,694.24		
24-07-d	Providing and installing brass strainer in tubewell bore hole 10" i/d, 1/4" thick	Rft	425.30	5,507.30	m	1,395.36	18,068.59		
24-07-e	Providing and installing brass strainer in tubewell bore hole 12" i/d, 1/4" thick	Rft	453.66	6,503.66	m	1,488.38	21,337.46		
24-08-a	Providing and installing MS bail plug in tubewell bore hole 6" i/d, 2 ft. long	Rft	190.54	3,215.54	m	625.12	10,549.66		
24-08-b	Providing and installing MS bail plug in tubewell bore hole 8" i/d, 2 ft. long	Rft	192.80	4,548.80	m	632.56	14,923.90		
24-08-c	Providing and installing MS bail plug in tubewell bore hole 10" i/d, 2 ft. long	Rft	192.80	5,516.80	m	632.56	18,099.75		
24-08-d	Providing and installing MS bail plug in tubewell bore hole 12" i/d, 2 ft. long	Rft	206.41	7,224.41	m	677.21	23,702.15		
24-09-a-01	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'B' working pressure : 6" i/d	Rft	204.15	494.33	m	669.77	1,621.83		
24-09-a-02	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'B' working pressure : 8" i/d	Rft	255.18	691.82	m	837.21	2,269.75		
24-09-a-03	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'B' working pressure : 10" i/d	Rft	272.20	952.56	m	893.03	3,125.18		
24-09-a-04	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'B' working pressure : 12" i/d	Rft	306.22	1,221.70	m	1,004.66	4,008.20		
24-09-b-01	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'C' working pressure : 6" i/d	Rft	204.15	625.68	m	669.77	2,052.74		
24-09-b-02	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'C' working pressure : 8" i/d	Rft	255.18	911.17	m	837.21	2,989.40		
24-09-b-03	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'C' working pressure : 10" i/d	Rft	272.20	1,258.61	m	893.03	4,129.30		
24-09-b-04	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'C' working pressure : 12" i/d	Rft	306.22	1,585.50	m	1,004.66	5,201.76		
24-09-c-01	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'D' working pressure : 6" i/d	Rft	204.15	767.10	m	669.77	2,516.74		
24-09-c-02	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'D' working pressure : 8" i/d	Rft	255.18	1,129.76	m	837.21	3,706.58		
24-09-c-03	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'D' working pressure : 10" i/d	Rft	272.20	1,584.39	m	893.03	5,198.14		
24-09-c-04	Providing and installing PVC strainer, in tubewell borehole comp. BSS Class 'D' working pressure : 12" i/d	Rft	306.22	1,970.46	m	1,004.66	6,464.76		
24-10-a-01	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'B' working pressure : 6" i/d : 2' long	Each	223.20	694.69	Each	223.20	694.69		
24-10-a-02	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'B' working pressure : 8" i/d : 2' long	Each	279.00	1,007.67	Each	279.00	1,007.67		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-10-a-03	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'B' working pressure : 10" i/d : 2' long	Each	279.00	1,445.83	Each	279.00	1,445.83		
24-10-a-04	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'B' working pressure : 12" i/d : 2' long	Each	334.80	1,927.88	Each	334.80	1,927.88		
24-10-b-01	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'C' working pressure : 6" i/d : 2' long	Each	223.20	944.73	Each	223.20	944.73		
24-10-b-02	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'C' working pressure : 8" i/d : 2' long	Each	279.00	1,424.40	Each	279.00	1,424.40		
24-10-b-03	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'C' working pressure : 10" i/d : 2' long	Each	279.00	2,031.62	Each	279.00	2,031.62		
24-10-b-04	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'C' working pressure : 12" i/d : 2' long	Each	334.80	2,620.83	Each	334.80	2,620.83		
24-10-c-01	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'D' working pressure : 6" i/d : 2' long	Each	223.20	1,216.19	Each	223.20	1,216.19		
24-10-c-02	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'D' working pressure : 8" i/d : 2' long	Each	279.00	1,841.12	Each	279.00	1,841.12		
24-10-c-03	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'D' working pressure : 10" i/d : 2' long	Each	279.00	2,650.75	Each	279.00	2,650.75		
24-10-c-04	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'D' working pressure : 12" i/d : 2' long	Each	334.80	3,344.74	Each	334.80	3,344.74		
24-11-a	Providing and installing MS blind pipe socket/welded joint MS reducer in tubewell borehole : 6" i/d, 3/16" thick	Rft	382.77	1,108.77	m	1,255.82	3,637.71		
24-11-b	Providing and installing MS blind pipe socket/welded joint MS reducer in tubewell borehole : 8" i/d, 3/16" thick	Rft	446.57	1,414.57	m	1,465.13	4,640.98		
24-11-c	Providing and installing MS blind pipe socket/welded joint MS reducer in tubewell borehole : 10" i/d 3/16" thick	Rft	531.63	1,741.63	m	1,744.20	5,714.01		
24-11-d	Providing and installing MS blind pipe socket/welded joint MS reducer in tubewell borehole : 12" i/d, 1/4" thick	Rft	612.44	2,064.44	m	2,009.31	6,773.09		
24-12-a-01	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'B' working pressure : 6" i/d	Rft	357.26	596.84	m	1,172.10	1,958.12		
24-12-a-02	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'B' working pressure : 8" i/d	Rft	425.30	795.56	m	1,395.36	2,610.12		
24-12-a-03	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'B' working pressure : 10" i/d	Rft	606.77	1,199.67	m	1,990.71	3,935.92		
24-12-a-04	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'B' working pressure : 12" i/d	Rft	574.16	1,383.65	m	1,883.73	4,539.54		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-12-b-01	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'C' working pressure : 6" i/d	Rft	361.51	728.14	m	1,186.05	2,388.91		
24-12-b-02	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'C' working pressure : 8" i/d	Rft	425.30	1,007.31	m	1,395.36	3,304.84		
24-12-b-03	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'C' working pressure : 10" i/d	Rft	467.84	1,358.40	m	1,534.89	4,456.68		
24-12-b-04	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'C' working pressure : 12" i/d	Rft	574.16	1,735.76	m	1,883.73	5,694.76		
24-12-c-01	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'D' working pressure : 6" i/d	Rft	361.51	866.08	m	1,186.05	2,841.47		
24-12-c-02	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'D' working pressure : 8" i/d	Rft	425.30	1,219.06	m	1,395.36	3,999.56		
24-12-c-03	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'D' working pressure : 10" i/d	Rft	467.84	1,673.00	m	1,534.89	5,488.83		
24-12-c-04	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'D' working pressure : 12" i/d	Rft	574.16	2,103.60	m	1,883.73	6,901.58		
24-13-a	Test & develop tubewell of size 6" i/d & above continuously : Upto 1.5 cusecs discharge	Hour	0.00	508.20	Hour	0.00	508.20		
24-13-b	Test & develop tubewell of size 6" i/d & above continuously : Over 1.5 cusecs discharge with DNT unit	Hour	0.00	595.32	Hour	0.00	595.32		
24-14	Shrouding with graded pack grave 3/8" to 1/8" around tubewell in bore hole	Rft	141.77	350.12	m	465.12	1,148.70		The rate includes wastage etc.
24-15-a	Providing and Laying cut, joint, test & disinfect, CI pipeline in trenches, complete : 3" i/d	Rft	31.90	429.10	m	104.65	1,407.82		a) Pipes to be supplied by Govt;
24-15-b	Providing and Laying cut, joint, test & disinfect, CI pipeline in trenches, complete : 4" i/d	Rft	42.53	548.18	m	139.54	1,798.48		b) Providing and installing specials and valves is not included in the rate, which is payable separately.
24-15-c	Providing and Laying cut, joint, test & disinfect, CI pipeline in trenches, complete : 6" i/d	Rft	63.80	968.86	m	209.30	3,178.69		
24-15-d	Providing and Laying cut, joint, test & disinfect, CI pipeline in trenches. complete : 8" i/d	Rft	106.33	2,285.65	m	348.84	7,498.84		
24-15-e	Providing and Laying cut, joint, test & disinfect, CI pipeline in trenches, complete : 10" i/d	Rft	138.22	2,041.76	m	453.49	6,698.69		
24-15-f	Providing and Laying cut, joint, test & disinfect, CI pipeline in trenches, complete : 12" i/d	Rft	138.22	2,838.59	m	453.49	9,312.96		
24-16-a-01	Providing and Laying cut, joint, test & disinfect GI pipe line Using heavy quality GI Pipe : 4" Dia	Rft	40.40	512.30	m	132.56	1,680.79		
24-16-a-02	Providing and Laying cut, joint, test & disinfect GI pipe line Using heavy quality GI Pipe : 6" Dia	Rft	57.42	747.12	m	188.37	2,451.17		
24-16-a-03	Providing and Laying cut, joint, test & disinfect GI pipe line Using heavy quality GI Pipe : 8" Dia	Rft	74.43	873.03	m	244.19	2,864.27		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-16-b-01	Providing and Laying cut, joint, test & disinfect GI pipe line Using medium quality GI Pipe : 4" Dia	Rft	40.40	578.83	m	132.56	1,899.05		
24-16-b-02	Providing and Laying cut, joint, test & disinfect GI pipe line Using medium quality GI Pipe : 6" Dia	Rft	57.42	714.83	m	188.37	2,345.25		
24-16-b-03	Providing and Laying cut, joint, test & disinfect GI pipe line Using medium quality GI Pipe : 8" Dia	Rft	74.43	1,197.07	m	244.19	3,927.38		
24-16-c-01	Providing and Laying cut, joint, test & disinfect GI pipe line Using light quality GI Pipe : 1/2" i/d	Rft	10.63	52.39	m	34.88	171.88		Cost of sockets, tees, elbows, bends, crosses, unions and plugs etc is included in the rates.
24-16-c-02	Providing and Laying cut, joint, test & disinfect GI pipe line Using light quality GI Pipe : 3/4" i/d	Rft	12.76	72.60	m	41.86	238.19		
24-16-c-03	Providing and Laying cut, joint, test & disinfect GI pipe line Using light quality GI Pipe : 1" i/d	Rft	14.18	104.79	m	46.51	343.81		
24-16-c-04	Providing and Laying cut, joint, test & disinfect GI pipe line Using light quality GI Pipe : 1.25" i/d	Rft	17.01	136.90	m	55.81	449.14		
24-16-c-05	Providing and Laying cut, joint, test & disinfect GI pipe line Using light quality GI Pipe : 1.5" i/d	Rft	19.14	172.31	m	62.79	565.33		
24-16-c-06	Providing and Laying cut, joint, test & disinfect GI pipe line Using light quality GI Pipe : 2" i/d	Rft	21.29	215.43	m	69.86	706.78		
24-16-c-07	Providing and Laying cut, joint, test & disinfect GI pipe line Using light quality GI Pipe : 2.5" i/d	Rft	23.39	294.55	m	76.74	966.38		
24-16-c-08	Providing and Laying cut, joint, test & disinfect GI pipe line Using light quality GI Pipe : 3" i/d	Rft	31.90	357.51	m	104.65	1,172.93		
24-16-c-09	Providing and Laying cut, joint, test & disinfect GI pipe line Using light quality GI Pipe : 4" i/d	Rft	40.40	501.57	m	132.56	1,645.58		
24-17-a-01	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'B'working pressure : 3" i/d	Rft	17.01	162.55	m	55.81	533.30		Providing and installing specials and valves is not included in the rate, which is payable separately.
24-17-a-02	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'B'working pressure : 4" i/d	Rft	19.14	205.33	m	62.79	673.67		
24-17-a-03	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'B'working pressure : 6" i/d	Rft	27.64	332.82	m	90.70	1,091.95		
24-17-a-04	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'B'working pressure : 8" i/d	Rft	38.28	564.43	m	125.58	1,851.80		
24-17-a-05	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'B'working pressure : 10" i/d	Rft	46.64	669.82	m	153.02	2,197.58		
24-17-a-06	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'B'working pressure : 12" i/d	Rft	63.80	1,013.20	m	209.30	3,324.14		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-17-a-07	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'B'working pressure : 14" i/d	Rft	74.43	1,264.87	m	244.19	4,149.85		
24-17-a-08	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'B'working pressure : 16" i/d	Rft	85.06	1,607.72	m	279.07	5,274.67		
24-17-a-09	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'B'working pressure : 18" i/d	Rft	97.82	2,028.67	m	320.93	6,655.73		
24-17-a-10	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'B'working pressure : 20" i/d	Rft	114.83	2,487.36	m	376.75	8,160.62		
24-17-a-11	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'B'working pressure : 24" i/d	Rft	136.10	3,388.57	m	446.51	11,117.36		
24-17-b-01	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'C'working pressure : 3" i/d	Rft	17.01	162.55	m	55.81	533.30		
24-17-b-02	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'C'working pressure : 4" i/d	Rft	19.14	226.94	m	62.79	744.57		
24-17-b-03	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'C'working pressure : 6" i/d	Rft	27.64	393.22	m	90.70	1,290.10		
24-17-b-04	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'C'working pressure : 8" i/d	Rft	38.28	635.36	m	125.58	2,084.53		
24-17-b-05	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'C'working pressure : 10" i/d	Rft	48.91	883.82	m	160.47	2,899.68		
24-17-b-06	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'C'working pressure : 12" i/d	Rft	85.06	1,258.08	m	279.07	4,127.55		
24-17-b-07	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'C'working pressure : 14" i/d	Rft	74.43	1,836.66	m	244.19	6,025.79		
24-17-b-08	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'C'working pressure : 16" i/d	Rft	85.06	2,386.47	m	279.07	7,829.64		
24-17-b-09	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'C'working pressure : 18" i/d	Rft	97.82	2,921.31	m	320.93	9,584.34		
24-17-b-10	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'C'working pressure : 20" i/d	Rft	114.83	3,497.42	m	376.75	11,474.49		
24-17-b-11	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'C'working pressure : 24" i/d	Rft	136.10	4,770.88	m	446.51	15,652.50		
24-17-c-01	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'D'working pressure : 3" i/d	Rft	17.01	162.55	m	55.81	533.30		
24-17-c-02	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'D'working pressure : 4" i/d	Rft	25.52	263.43	m	83.72	864.27		
24-17-c-03	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'D'working pressure : 6" i/d	Rft	36.86	482.30	m	120.93	1,582.36		
24-17-c-04	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'D'working pressure : 8" i/d	Rft	51.04	856.39	m	167.44	2,809.69		
24-17-c-05	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'D'working pressure : 10" i/d	Rft	72.02	1,275.10	m	236.28	4,183.41		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-17-c-06	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'D'working pressure : 12" i/d	Rft	85.06	1,850.43	m	279.07	6,070.96		
24-17-c-07	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'D'working pressure : 14" i/d	Rft	99.24	2,690.34	m	325.58	8,826.59		
24-17-c-08	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'D'working pressure : 16" i/d	Rft	113.41	3,481.39	m	372.10	11,421.88		
24-17-c-09	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'D'working pressure : 18" i/d	Rft	130.43	4,248.02	m	427.91	13,937.08		
24-17-c-10	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'D'working pressure : 20" i/d	Rft	153.11	5,174.28	m	502.33	16,975.97		
24-17-c-11	Providing and Laying cut, joint, test & disinfect AC pipe line BSS Class 'D'working pressure : 24" i/d	Rft	181.46	7,905.17	m	595.35	25,935.61		
24-18-a-01	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'B'working pressure : 3" i/d	Rft	22.68	107.38	m	74.42	352.31		a) Providing and installing specials and valves is not included in the rate, which is payable separately.
24-18-a-02	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'B'working pressure : 4" i/d	Rft	25.52	152.57	m	83.72	500.55		b) When sockets are used for jointing of pipes instead of by overlap pipe. Its providing installation will be paid extra.
24-18-a-03	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'B'working pressure : 6" i/d	Rft	36.86	276.44	m	120.93	906.95		
24-18-a-04	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'B'working pressure : 8" i/d	Rft	51.04	421.30	m	167.44	1,382.21		
24-18-a-05	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'B'working pressure : 10" i/d	Rft	65.21	658.11	m	213.95	2,159.16		
24-18-a-06	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'B'working pressure : 12" i/d	Rft	85.06	894.55	m	279.07	2,934.88		
24-18-b-01	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'C'working pressure : 2.5" i/d	Rft	22.68	72.29	m	74.42	237.18		
24-18-b-02	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'C'working pressure : 3" i/d	Rft	22.68	126.74	m	74.42	415.82		
24-18-b-03	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'C'working pressure : 4" i/d	Rft	25.52	196.13	m	83.72	643.47		
24-18-b-04	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'C'working pressure : 6" i/d	Rft	36.86	403.49	m	120.93	1,323.79		
24-18-b-05	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'C'working pressure : 8" i/d	Rft	51.04	633.05	m	167.44	2,076.92		
24-18-b-06	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'C'working pressure : 10" i/d	Rft	65.21	955.77	m	213.95	3,135.74		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-18-b-07	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'C'working pressure : 12" i/d	Rft	85.06	1,246.66	m	279.07	4,090.10		
24-18-c-01	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'D' working pressure : 1.25" i/d	Rft	18.15	50.61	m	59.54	166.03		
24-18-c-02	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'D' working pressure : 1.5" i/d	Rft	21.10	60.42	m	69.21	198.23		
24-18-c-03	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'D' working pressure : 2" i/d	Rft	21.10	81.60	m	69.21	267.70		
24-18-c-04	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'D' working pressure : 2.5" i/d	Rft	22.68	101.33	m	74.42	332.46		
24-18-c-05	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'D' working pressure : 3" i/d	Rft	22.68	154.57	m	74.42	507.13		
24-18-c-06	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'D' working pressure : 4" i/d	Rft	25.52	249.37	m	83.72	818.14		
24-18-c-07	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'D' working pressure : 6" i/d	Rft	36.86	541.43	m	120.93	1,776.34		
24-18-c-08	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'D' working pressure : 8" i/d	Rft	51.04	844.80	m	167.44	2,771.64		
24-18-c-09	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'D' working pressure : 10" i/d	Rft	65.21	1,270.37	m	213.95	4,167.89		
24-18-c-10	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'D' working pressure : 12" i/d	Rft	85.06	1,614.50	m	279.07	5,296.92		
24-18-d-01	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'E' working pressure : 3/4" i/d	Rft	19.51	35.24	m	64.00	115.61		
24-18-d-02	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'E' working pressure : 1" i/d	Rft	10.43	35.84	m	34.23	117.60		
24-19-a-01	Providing and Fixing CI specials of BSS class 'B', 'C' & 'D' CISS specials, with spigot & socket : 3"-6" i/d	kg	37.20	196.92	kg	37.20	196.92		a) Labour rates include the cost of jointing material and labour b) The internal dia of the pipe, from which the branch is taken out, will be considered internal dia for the purpose of payment of specials.
24-19-a-02	Providing and Fixing CI specials of BSS class 'B', 'C' & 'D' CISS specials, with spigot & socket : 8"-12" i/d	kg	44.64	204.36	kg	44.64	204.36		
24-19-b-01	Providing and Fixing CI specials of BSS class 'B', 'C' & 'D' CI flanged specials with flanged joint : 3"-6" i/d	kg	18.60	178.32	kg	18.60	178.32		
24-19-b-02	Providing and Fixing CI specials of BSS class 'B', 'C' & 'D' CI flanged specials with flanged joint : 8"-12" i/	kg	29.76	189.48	kg	29.76	189.48		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-19-c-01	Providing and Fixing CI specials of BSS class 'B', 'C' & 'D' CI specials with tyton joints : 3"-6" i/d	kg	8.56	168.28	kg	8.56	168.28		
24-19-c-02	Providing and Fixing CI specials of BSS class 'B', 'C' & 'D' CI specials with tyton joints : 8"-12" i/d	kg	15.62	175.34	kg	15.62	175.34		
24-20-a	Providing and Fixing CI specials of BSS Class 'B', 'C' & 'D' working pressure for AC pipe line : 3" to 6" i/d	kg	47.99	207.71	kg	47.99	207.71		a) Labour rates include the cost of jointing material and labour b) The internal dia of the pipe, from which the branch is taken out, will be considered internal dia for the purpose of payment of specials.
24-20-b	Providing and Fixing CI specials of BSS Class 'B', 'C' & 'D' working pressure for AC pipe line : 8" to 18" i/d	kg	74.40	234.12	kg	74.40	234.12		
24-21-a	Providing and Fixing sluice valve, BSS quality/weight, Class 'B' working pressure for CI & AC pipe line : 3" i/d	Each	1,134.60	4,159.60	Each	1,134.60	4,159.60		Labour rates include the cost of jointing material and labour
24-21-b	Providing and Fixing sluice valve, BSS quality/weight, Class 'B' working pressure for CI & AC pipe line : 4" i/d	Each	297.60	4,532.60	Each	297.60	4,532.60		
24-21-c	Providing and Fixing sluice valve, BSS quality/weight, Class 'B' working pressure for CI & AC pipe line : 6" i/d	Each	1,190.40	5,788.40	Each	1,190.40	5,788.40		
24-21-d	Providing and Fixing sluice valve, BSS quality/weight, Class 'B' working pressure for CI & AC pipe line : 8" i/d	Each	1,190.40	9,539.40	Each	1,190.40	9,539.40		
24-21-e	Providing and Fixing sluice valve, BSS quality/weight, Class 'B' working pressure for CI & AC pipe line : 10" i/d	Each	1,488.00	14,193.00	Each	1,488.00	14,193.00		
24-21-f	Providing and Fixing sluice valve, BSS quality/weight, Class 'B' working pressure for CI & AC pipe line : 12" i/d	Each	2,232.00	20,382.00	Each	2,232.00	20,382.00		
24-22-a	Providing and Fixing sluice valve of BSS quality weight for GI & PVC pipe line including jointing material : 3" i/d	Each	1,209.00	4,536.50	Each	1,209.00	4,536.50		ditto
24-22-b	Providing and Fixing sluice valve of BSS quality weight for GI & PVC pipe line including jointing material : 4" i/d	Each	1,209.00	5,867.50	Each	1,209.00	5,867.50		
24-22-c	Providing and Fixing sluice valve of BSS quality weight for GI & PVC pipe line including jointing material : 6" i/d	Each	1,488.00	6,545.80	Each	1,488.00	6,545.80		
24-22-d	Providing and Fixing sluice valve of BSS quality weight for GI & PVC pipe line including jointing material : 8" i/d	Each	1,860.00	11,043.90	Each	1,860.00	11,043.90		
24-22-e	Providing and Fixing sluice valve of BSS quality weight for GI & PVC pipe line including jointing material : 10" i/d	Each	2,418.00	16,393.50	Each	2,418.00	16,393.50		
24-22-f	Providing and Fixing sluice valve of BSS quality weight for GI & PVC pipe line including jointing material : 12" i/d	Each	2,976.00	22,941.00	Each	2,976.00	22,941.00		
24-22-g	Providing and Fixing sluice valve of BSS quality weight for GI & PVC pipe line including jointing material : 15" i/d	Each	2,976.00	90,096.00	Each	2,976.00	90,096.00		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-22-h	Providing and Fixing sluice valve of BSS quality weight for GI & PVC pipe line including jointing material : 18" i/d	Each	2,976.00	130,752.00	Each	2,976.00	130,752.00		
24-23	Providing and Fixing fire hydrants BSS quality and weight of 2.5" dia (including cost of jointing material)	Each	2,232.00	8,282.00	Each	2,232.00	8,282.00		a) Labour rates include cost of jointing material and labour b) Connecting pipes and specials , if used will be paid extra.
24-24-a	Providing and Fixing air valve 2«" i/d of BSS quality and weight complete with jointing material : Single	Each	1,488.00	3,666.00	Each	1,488.00	3,666.00		
24-24-b	Providing and Fixing air valve 2«" i/d of BSS quality and weight complete with jointing material : Double	Each	2,232.00	6,588.00	Each	2,232.00	6,588.00		
24-25-a	Providing and Fixing CI flanges 5/8" thick on pipes including turning, facing & fitting etc complete : 3" to 6" i/d	Each	911.40	1,637.40	Each	911.40	1,637.40		
24-25-b	Providing and Fixing CI flanges 5/8" thick on pipes including turning, facing & fitting etc complete : 8" to 12" i/d	Each	1,339.20	2,587.92	Each	1,339.20	2,587.92		
24-26-a-01	Providing and installing PVC bends BSS Class 'B'working pressure : 2" i/d	Each	127.41	232.00	Each	127.41	232.00		
24-26-a-02	Providing and installing PVC bends BSS Class 'B'working pressure : 3" i/d	Each	139.50	367.90	Each	139.50	367.90		
24-26-a-03	Providing and installing PVC bends BSS Class 'B'working pressure : 4" i/d	Each	186.00	478.42	Each	186.00	478.42		
24-26-a-04	Providing and installing PVC bends BSS Class 'B'working pressure : 6" i/d	Each	269.70	1,031.03	Each	269.70	1,031.03		
24-26-a-05	Providing and installing PVC bends BSS Class 'B'working pressure : 8" i/d	Each	372.00	3,672.88	Each	372.00	3,672.88		
24-26-a-06	Providing and installing PVC bends BSS Class 'B'working pressure : 10" i/d	Each	348.75	5,406.55	Each	348.75	5,406.55		
24-26-a-07	Providing and installing PVC bends BSS Class 'B'working pressure : 12" i/d	Each	418.50	6,807.30	Each	418.50	6,807.30		
24-26-b-01	Providing and installing PVC bends BSS Class 'C'working pressure : 2" i/d	Each	95.79	200.38	Each	95.79	200.38		
24-26-b-02	Providing and installing PVC bends BSS Class 'C'working pressure : 3" i/d	Each	104.63	397.23	Each	104.63	397.23		
24-26-b-03	Providing and installing PVC bends BSS Class 'C'working pressure : 4" i/d	Each	139.50	511.94	Each	139.50	511.94		
24-26-b-04	Providing and installing PVC bends BSS Class 'C'working pressure : 6" i/d	Each	202.27	929.00	Each	202.27	929.00		
24-26-b-05	Providing and installing PVC bends BSS Class 'C'working pressure : 8" i/d	Each	279.00	4,538.20	Each	279.00	4,538.20		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-26-b-06	Providing and installing PVC bends BSS Class 'C'working pressure : 10" i/d	Each	348.75	6,737.55	Each	348.75	6,737.55		
24-26-b-07	Providing and installing PVC bends BSS Class 'C'working pressure : 12" i/d	Each	418.50	7,339.70	Each	418.50	7,339.70		
24-26-c-01	Providing and installing PVC bends BSS Class 'D'working pressure : 2" i/d	Each	95.79	200.38	Each	95.79	200.38		
24-26-c-02	Providing and installing PVC bends BSS Class 'D'working pressure : 3" i/d	Each	104.63	397.23	Each	104.63	397.23		
24-26-c-03	Providing and installing PVC bends BSS Class 'D'working pressure : 4" i/d	Each	186.00	558.44	Each	186.00	558.44		
24-26-c-04	Providing and installing PVC bends BSS Class 'D'working pressure : 6" i/d	Each	269.70	996.43	Each	269.70	996.43		
24-26-c-05	Providing and installing PVC bends BSS Class 'D'working pressure : 8" i/d	Each	372.00	5,962.20	Each	372.00	5,962.20		
24-26-c-06	Providing and installing PVC bends BSS Class 'D'working pressure : 10" i/d	Each	465.00	8,184.80	Each	465.00	8,184.80		
24-26-c-07	Providing and installing PVC bends BSS Class 'D'working pressure : 12" i/d	Each	558.00	9,076.40	Each	558.00	9,076.40		
24-27-a-01	Providing and installing PVC tees BSS Class 'B'working pressure : 2" i/d	Each	186.00	341.86	Each	186.00	341.86		
24-27-a-02	Providing and installing PVC tees BSS Class 'B'working pressure : 3" i/d	Each	223.20	649.92	Each	223.20	649.92		
24-27-a-03	Providing and installing PVC tees BSS Class 'B'working pressure : 4" i/d	Each	297.60	1,020.60	Each	297.60	1,020.60		
24-27-a-04	Providing and installing PVC tees BSS Class 'B'working pressure : 6" i/d	Each	409.20	2,593.64	Each	409.20	2,593.64		
24-27-a-05	Providing and installing PVC tees BSS Class 'B'working pressure : 8" i/d	Each	604.50	3,905.38	Each	604.50	3,905.38		
24-27-a-06	Providing and installing PVC tees BSS Class 'B'working pressure : 10" i/d	Each	697.50	4,091.55	Each	697.50	4,091.55		
24-27-a-07	Providing and installing PVC tees BSS Class 'B'working pressure : 12" i/d	Each	837.00	4,696.90	Each	837.00	4,696.90		
24-27-b-01	Providing and installing PVC tees BSS Class 'C'working pressure : 2" i/d	Each	186.00	286.69	Each	186.00	286.69		
24-27-b-02	Providing and installing PVC tees BSS Class 'C'working pressure : 3" i/d	Each	223.20	490.60	Each	223.20	490.60		
24-27-b-03	Providing and installing PVC tees BSS Class 'C'working pressure : 4" i/d	Each	297.60	683.32	Each	297.60	683.32		
24-27-b-04	Providing and installing PVC tees BSS Class 'C'working pressure : 6" i/d	Each	409.20	1,689.36	Each	409.20	1,689.36		
24-27-b-05	Providing and installing PVC tees BSS Class 'C'working pressure : 8" i/d	Each	604.50	9,442.34	Each	604.50	9,442.34		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-27-b-06	Providing and installing PVC tees BSS Class 'C'working pressure : 10" i/d	Each	693.78	8,679.78	Each	693.78	8,679.78		
24-27-b-07	Providing and installing PVC tees BSS Class 'C'working pressure : 12" i/d	Each	837.00	11,485.00	Each	837.00	11,485.00		
24-27-c-01	Providing and installing PVC tees BSS Class 'D'working pressure : 2" i/d	Each	186.00	286.69	Each	186.00	286.69		
24-27-c-02	Providing and installing PVC tees BSS Class 'D'working pressure : 3" i/d	Each	223.20	490.60	Each	223.20	490.60		
24-27-c-03	Providing and installing PVC tees BSS Class 'D'working pressure : 4" i/d	Each	297.60	683.32	Each	297.60	683.32		
24-27-c-04	Providing and installing PVC tees BSS Class 'D'working pressure : 6" i/d	Each	409.20	1,689.36	Each	409.20	1,689.36		
24-27-c-05	Providing and installing PVC tees BSS Class 'D'working pressure : 8" i/d	Each	604.50	5,396.10	Each	604.50	5,396.10		
24-27-c-06	Providing and installing PVC tees BSS Class 'D'working pressure : 10" i/d	Each	697.50	8,683.50	Each	697.50	8,683.50		
24-27-c-07	Providing and installing PVC tees BSS Class 'D'working pressure : 12" i/d	Each	837.00	10,020.90	Each	837.00	10,020.90		
24-28-a-01	Providing and installing PVC sockets BSS Class 'B'working pressure : 2" i/d	Each	62.31	165.91	Each	62.31	165.91		
24-28-a-02	Providing and installing PVC sockets BSS Class 'B'working pressure : 3" i/d	Each	65.10	269.23	Each	65.10	269.23		
24-28-a-03	Providing and installing PVC sockets BSS Class 'B'working pressure : 4" i/d	Each	93.00	388.66	Each	93.00	388.66		
24-28-a-04	Providing and installing PVC sockets BSS Class 'B'working pressure : 6" i/d	Each	716.21	2,015.27	Each	716.21	2,015.27		
24-28-a-05	Providing and installing PVC sockets BSS Class 'B'working pressure : 8" i/d	Each	186.00	1,410.52	Each	186.00	1,410.52		
24-28-a-06	Providing and installing PVC sockets BSS Class 'B'working pressure : 10" i/d	Each	232.31	1,829.51	Each	232.31	1,829.51		
24-28-a-07	Providing and installing PVC sockets BSS Class 'B'working pressure : 12" i/d	Each	279.00	2,275.50	Each	279.00	2,275.50		
24-28-b-01	Providing and installing PVC sockets BSS Class 'C'working pressure : 2" i/d	Each	62.31	129.86	Each	62.31	129.86		
24-28-b-02	Providing and installing PVC sockets BSS Class 'C'working pressure : 3" i/d	Each	358.05	488.55	Each	358.05	488.55		
24-28-b-03	Providing and installing PVC sockets BSS Class 'C'working pressure : 4" i/d	Each	93.00	250.99	Each	93.00	250.99		
24-28-b-04	Providing and installing PVC sockets BSS Class 'C'working pressure : 6" i/d	Each	130.20	642.64	Each	130.20	642.64		
24-28-b-05	Providing and installing PVC sockets BSS Class 'C'working pressure : 8" i/d	Each	186.00	1,809.82	Each	186.00	1,809.82		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-28-b-06	Providing and installing PVC sockets BSS Class 'C'working pressure : 10" i/d	Each	232.50	2,428.65	Each	232.50	2,428.65		
24-28-b-07	Providing and installing PVC sockets BSS Class 'C'working pressure : 12" i/d	Each	279.00	3,393.54	Each	279.00	3,393.54		
24-28-c-01	Providing and installing PVC sockets BSS Class 'D'working pressure : 2" i/d	Each	62.31	129.86	Each	62.31	129.86		
24-28-c-02	Providing and installing PVC sockets BSS Class 'D'working pressure : 3" i/d	Each	65.10	195.60	Each	65.10	195.60		
24-28-c-03	Providing and installing PVC sockets BSS Class 'D'working pressure : 4" i/d	Each	93.00	250.99	Each	93.00	250.99		
24-28-c-04	Providing and installing PVC sockets BSS Class 'D'working pressure : 6" i/d	Each	130.20	642.64	Each	130.20	642.64		
24-28-c-05	Providing and installing PVC sockets BSS Class 'D'working pressure : 8" i/d	Each	186.00	2,115.95	Each	186.00	2,115.95		
24-28-c-06	Providing and installing PVC sockets BSS Class 'D'working pressure : 10" i/d	Each	232.50	3,000.98	Each	232.50	3,000.98		
24-28-c-07	Providing and installing PVC sockets BSS Class 'D'working pressure : 12" i/d	Each	279.00	3,872.70	Each	279.00	3,872.70		
24-29-a-01	Providing and installing PVC Tapered core BSS Class 'B'working pressure : 2" i/d	Each	127.41	220.85	Each	127.41	220.85		
24-29-a-02	Providing and installing PVC Tapered core BSS Class 'B'working pressure : 3" i/d	Each	139.50	253.70	Each	139.50	253.70		
24-29-a-03	Providing and installing PVC Tapered core BSS Class 'B'working pressure : 4" i/d	Each	186.00	325.12	Each	186.00	325.12		
24-29-a-04	Providing and installing PVC Tapered core BSS Class 'B'working pressure : 6" i/d	Each	269.70	452.42	Each	269.70	452.42		
24-29-a-05	Providing and installing PVC Tapered core BSS Class 'B'working pressure : 8" i/d	Each	372.00	683.45	Each	372.00	683.45		
24-29-a-06	Providing and installing PVC Tapered core BSS Class 'B'working pressure : 10" i/d	Each	465.00	984.09	Each	465.00	984.09		
24-29-a-07	Providing and installing PVC Tapered core BSS Class 'B'working pressure : 12" i/d	Each	550.56	1,131.94	Each	550.56	1,131.94		
24-29-b-01	Providing and installing PVC Tapered core BSS Class 'C'working pressure : 2" i/d	Each	127.41	231.23	Each	127.41	231.23		
24-29-b-02	Providing and installing PVC Tapered core BSS Class 'C'working pressure : 3" i/d	Each	139.50	264.08	Each	139.50	264.08		
24-29-b-03	Providing and installing PVC Tapered core BSS Class 'C'working pressure : 4" i/d	Each	186.00	335.50	Each	186.00	335.50		
24-29-b-04	Providing and installing PVC Tapered core BSS Class 'C'working pressure : 6" i/d	Each	270.07	463.17	Each	270.07	463.17		
24-29-b-05	Providing and installing PVC Tapered core BSS Class 'C'working pressure : 8" i/d	Each	372.00	693.84	Each	372.00	693.84		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-29-b-06	Providing and installing PVC Tapered core BSS Class 'C'working pressure : 10" i/d	Each	465.00	1,017.31	Each	465.00	1,017.31		
24-29-b-07	Providing and installing PVC Tapered core BSS Class 'C'working pressure : 12" i/d	Each	559.12	1,213.17	Each	559.12	1,213.17		
24-29-c-01	Providing and installing PVC Tapered core BSS Class 'D'working pressure : 2" i/d	Each	127.41	210.46	Each	127.41	210.46		
24-29-c-02	Providing and installing PVC Tapered core BSS Class 'D'working pressure : 3" i/d	Each	139.50	247.47	Each	139.50	247.47		
24-29-c-03	Providing and installing PVC Tapered core BSS Class 'D'working pressure : 4" i/d	Each	186.00	358.34	Each	186.00	358.34		
24-29-c-04	Providing and installing PVC Tapered core BSS Class 'D'working pressure : 6" i/d	Each	269.70	529.24	Each	269.70	529.24		
24-29-c-05	Providing and installing PVC Tapered core BSS Class 'D'working pressure : 8" i/d	Each	372.00	808.04	Each	372.00	808.04		
24-29-c-06	Providing and installing PVC Tapered core BSS Class 'D'working pressure : 10" i/d	Each	465.00	1,274.78	Each	465.00	1,274.78		
24-29-c-07	Providing and installing PVC Tapered core BSS Class 'D'working pressure : 12" i/d	Each	558.00	1,619.02	Each	558.00	1,619.02		
24-30-a-01	Providing and Laying HDPE pipe Din-/Din-/ISO-4427 incl testing & disinfect complete (20mm dia)	Rft	17.01	30.55	m	55.81	100.22		
24-30-a-02	Providing and Laying HDPE pipe Din-8074/Din-8075/ISO-4427 including testing & disinfect complete (25mm dia)	Rft	17.01	34.73	m	55.81	113.96		
24-30-a-03	Providing and Laying HDPE pipe Din-8074/Din-8075/ISO-4427 incl testing & disinfect complete (32mm dia)	Rft	17.01	40.16	m	55.81	131.77		
24-30-a-04	Providing and Laying HDPE pipe Din-8074/Din-8075/ISO-4427 including testing & disinfect complete (40mm dia)	Rft	22.68	58.70	m	74.42	192.58		
24-30-a-05	Providing and Laying HDPE pipe Din-8074/Din-8075/ISO-4427 including testing & disinfect complete (50mm dia)	Rft	22.68	79.28	m	74.42	260.10		
24-30-a-06	Providing and Laying HDPE pipe Din-8074/Din-8075/ISO-4427 incl testing & disinfect complete (75mm dia)	Rft	22.68	160.82	m	74.42	527.61		
24-30-a-07	Providing and Laying HDPE pipe Din-8074/Din-8075/ISO-4427 including testing & disinfect complete (110mm dia)	Rft	25.52	296.78	m	83.72	973.70		
24-30-b-01	Providing and installing HDPE Socket 20mm dia	Each	44.64	175.32	Each	44.64	175.32		
24-30-b-02	Providing and installing HDPE Socket 25mm dia	Each	44.64	203.15	Each	44.64	203.15		
24-30-b-03	Providing and installing HDPE Socket 32mm dia	Each	44.64	217.67	Each	44.64	217.67		
24-30-b-04	Providing and installing HDPE Socket 40mm dia	Each	62.31	442.25	Each	62.31	442.25		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-30-b-05	Providing and installing HDPE Socket 50mm dia	Each	338.52	967.72	Each	338.52	967.72		
24-30-b-06	Providing and installing HDPE Socket 75mm dia	Each	65.10	1,774.83	Each	65.10	1,774.83		
24-30-b-07	Providing and installing HDPE Socket 110mm dia	Each	93.00	2,079.82	Each	93.00	2,079.82		
24-30-c-01	Providing and installing HDPE Tee 20mm dia	Each	148.80	315.78	Each	148.80	315.78		
24-30-c-02	Providing and installing HDPE Tee 25mm dia	Each	148.80	375.07	Each	148.80	375.07		
24-30-c-03	Providing and installing HDPE Tee 32mm dia	Each	148.80	444.04	Each	148.80	444.04		
24-30-c-04	Providing and installing HDPE Tee 40mm dia	Each	186.00	890.22	Each	186.00	890.22		
24-30-c-05	Providing and installing HDPE Tee 50mm dia	Each	186.00	1,037.84	Each	186.00	1,037.84		
24-30-c-06	Providing and installing HDPE Tee 75mm dia	Each	223.20	2,824.70	Each	223.20	2,824.70		
24-30-c-07	Providing and installing HDPE Tee 110mm dia	Each	297.60	4,544.70	Each	297.60	4,544.70		
24-30-d-01	Providing and installing HDPE bend 20mm dia	Each	100.44	200.87	Each	100.44	200.87		
24-30-d-02	Providing and installing HDPE bend 25mm dia	Each	100.44	231.12	Each	100.44	231.12		
24-30-d-03	Providing and installing HDPE bend 32mm dia	Each	100.44	279.52	Each	100.44	279.52		
24-30-d-04	Providing and installing HDPE bend 40mm dia	Each	127.41	517.03	Each	127.41	517.03		
24-30-d-05	Providing and installing HDPE bend 50mm dia	Each	127.41	720.31	Each	127.41	720.31		
24-30-d-06	Providing and installing HDPE bend 75mm dia	Each	139.50	1,773.00	Each	139.50	1,773.00		
24-30-d-07	Providing and installing HDPE bend 110mm dia	Each	186.00	2,339.80	Each	186.00	2,339.80		
24-30-e-01	Providing and installing HDPE adaptor 20mm	Each	52.08	136.78	Each	52.08	136.78		
24-30-e-02	Providing and installing HDPE adaptor 25mm	Each	52.08	160.98	Each	52.08	160.98		
24-30-e-03	Providing and installing HDPE adaptor 32mm	Each	52.08	227.53	Each	52.08	227.53		
24-30-e-04	Providing and installing HDPE adaptor 40mm	Each	62.31	364.81	Each	62.31	364.81		
24-30-e-05	Providing and installing HDPE adaptor 50mm	Each	62.31	548.73	Each	62.31	548.73		
24-30-e-06	Providing and installing HDPE adaptor 75mm	Each	65.10	1,396.10	Each	65.10	1,396.10		
24-30-e-07	Providing and installing HDPE adaptor 110mm	Each	93.00	2,573.50	Each	93.00	2,573.50		
24-31-a	S/H/J G.I. Flanged Pipe 18" i/d 6.35mm thick	Rft	816.59	6,686.61	m	2,679.09	21,937.70		
24-31-b	S/H/J G.I. Flanged Pipe 16" i/d 6.35mm thick	Rft	317.56	5,195.17	m	1,041.87	17,044.52		
24-31-c	S/H/J G.I. Flanged Pipe 12" i/d 6.35mm thick	Rft	408.29	5,023.69	m	1,339.54	16,481.93		
24-31-d	S/H/J G.I. Flanged Pipe 10" i/d 6.35mm thick	Rft	340.24	3,902.75	m	1,116.29	12,804.30		
24-31-e	S/H/J G.I. Flanged Pipe 8" i/d 5mm thick	Rft	272.20	3,235.79	m	893.03	10,616.10		
24-31-f	S/H/J G.I. Flanged Pipe 6" i/d 5mm thick	Rft	204.15	1,745.81	m	669.77	5,727.71		
24-31-g	S/H/J G.I. Flanged Pipe 4" i/d 5mm thick	Rft	136.10	1,010.87	m	446.51	3,316.49		
24-32-a	S/H/J MS Flanged Pipe 18" i/d 6.35mm thick	Rft	680.49	6,141.52	m	2,232.57	20,149.35		
24-32-b	S/H/J MS Flanged Pipe 16" i/d 6.35mm thick	Rft	453.66	5,124.38	m	1,488.38	16,812.27		
24-32-c	S/H/J MS Flanged Pipe 12" i/d 6.35mm	Rft	340.24	3,843.74	m	1,116.29	12,610.69		
24-32-d	S/H/J MS Flanged Pipe 10" i/d 6.35mm thick	Rft	272.20	3,000.50	m	893.03	9,844.17		
24-32-e	S/H/J MS Flanged Pipe 8" i/d 5mm thick	Rft	226.83	2,435.50	m	744.19	7,990.50		
24-32-f	S/H/J MS Flanged Pipe 6" i/d 5mm thick	Rft	181.46	1,599.83	m	595.35	5,248.77		
24-32-g	S/H/J MS Flanged Pipe 4" i/d 5mm thick	Rft	113.41	926.22	m	372.10	3,038.78		
24-33	Supplying and Fixing MS manhole cover of 0.25" thick sheet & angle iron frame 2"x2"x0.25" with lock complete	Sft	55.32	532.23	m2	595.20	5,726.81		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-34	Supplying and Fixing flat iron (2"x3/8") ladder for OHR, holes @ 15" c/c, steps of MS bars 5/8" i/d & paint compl	Rft	31.76	514.44	m	104.19	1,687.80		
24-35	Supplying and Fixing C.I. vent pipe for storage tanks including jally etc	Rft	2.27	46.54	m	7.44	152.68		
24-36-a	Supplying and Fixing MS cap of 3/16" thick sheet : 10" i/d	Each	14.88	3,644.88	Each	14.88	3,644.88		
24-36-b	Supplying and Fixing MS Cap of 3/16" thick sheet : 8" i/d	Each	14.88	3,402.88	Each	14.88	3,402.88		
24-36-c	Supplying and Fixing MS Cap of 3/16" thick sheet : 6" i/d	Each	14.88	3,039.88	Each	14.88	3,039.88		
24-38-a	Supplying and Fixing Flanged Expansion Joints BSS 2035: 18" i/d	Each	20,832.00	93,432.00	Each	20,832.00	93,432.00		
24-38-b	Supplying and Fixing Flanged Expansion Joint BS-2035 : 16" i/d	Each	14,880.00	72,960.00	Each	14,880.00	72,960.00		
24-38-c	Supplying and Fixing Flanged Expansion Joint BS-2035 : 12" i/d	Each	7,142.40	36,182.40	Each	7,142.40	36,182.40		
24-38-d	Supplying and Fixing Flanged Expansion Joint BSS-2035 : 10" i/d	Each	4,761.60	22,185.60	Each	4,761.60	22,185.60		
24-38-e	Supplying and Fixing Flanged Expansion Joint BSS 2035 : 8" i/d	Each	3,868.80	16,356.00	Each	3,868.80	16,356.00		
24-38-f	Supplying and Fixing Flanged Expansion Joints BSS 2035 : 6" i/d	Each	2,083.20	10,795.20	Each	2,083.20	10,795.20		
24-38-g	Supplying and Fixing Flanged Expansion Joint BSS-2035 : 4" i/d	Each	1,785.60	8,319.60	Each	1,785.60	8,319.60		
24-39-a	Supplying and Fixing MS Suspension Clamp 3/8" thick for housing pipe : 18" i/d	Each	1,785.60	4,689.60	Each	1,785.60	4,689.60		
24-39-b	Supplying and Fixing MS Suspension Clamp 3/8" thick for housing pipe : 16" i/d	Each	1,190.40	3,005.40	Each	1,190.40	3,005.40		
24-39-c	Supplying and Fixing MS Suspension Clamp 3/8" thick for housing pipe : 12" i/d	Each	744.00	1,712.00	Each	744.00	1,712.00		
24-39-d	Supplying and Fixing MS Suspension Clamp 3/8" thick for housing pipe : 10" i/d	Each	446.40	1,172.40	Each	446.40	1,172.40		
24-39-e	Supplying and Fixing MS Suspension Clamp 3/8" thick for housing pipe : 8" i/d	Each	297.60	781.60	Each	297.60	781.60		
24-39-f	Supplying and Fixing MS Suspension Clamp 3/8" thick for housing pipe : 6" i/d	Each	223.20	586.20	Each	223.20	586.20		
24-39-g	Supplying and Fixing MS Suspension Clamp 3/8" thick for housing pipe : 4" i/d	Each	148.80	511.80	Each	148.80	511.80		
24-40	Supplying and Fixing PVC Water Stopper 8" wide 3/8" thick	Rft	9.07	238.97	m	29.77	784.03		
24-41	Conducting Elec: Resistivity survey of the area and furnishing its reports.	No	930.00	36,020.00	no	930.00	36,020.00		
24-42	Logging of bore hole with electrical equipment and furnishing reports.	Job	1,116.00	15,636.00	job	1,116.00	15,636.00		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
24-43	Providing and lowering pezu meter 1.25" GI pipe including all accessories.	Rft	40.38	160.26	m	132.47	525.80		
24-44	P&L Reflux valves (C.I) of BSS quality/weight including jointing material 3" i/d-6" i/d.	Rft	340.24	1,801.10	m	1,116.29	5,909.11		
24-45-a	Laying cut, joint, test & disinfect of 8"i/d of GI pipe line including cost of welding, excavation and filling compaction etc complete.	No	132.43	1,177.87	joint	132.43	1,177.87		
24-45-b	Laying cut, joint, test & disinfect of 6"i/d of GI pipe line including cost of welding, excavation and filling compaction etc complete.	joint	132.43	947.00	joint	132.43	947.00		
24-45-c	Laying cut, joint, test & disinfect of 4"i/d of GI pipe line including cost of welding, excavation and filling compaction etc complete.	joint	132.43	716.14	joint	132.43	716.14		
24-45-d	Laying cut, joint, test & disinfect of 3"i/d of GI pipe line including cost of welding, excavation and filling compaction etc complete.	Joint	132.43	486.72	joint	132.43	486.72		
24-46	Testing of soil for bearing capacity & chemical contents upto any depth.	Rft	453.66	5,618.29	m	1,488.38	18,432.72		
24-47	Supply and Fixing Affridev type hand pump upto 170 Feet	Each	558.00	18,647.50	Each	558.00	18,647.50		
24-48-a	Supply and Fixing Voltage Regulator 20 KVA	Each	744.00	63,260.67	Each	744.00	63,260.67		
24-48-b	Supply and Fixing Voltage Regulator 25 KVA	Each	744.00	77,377.33	Each	744.00	77,377.33		
24-48-c	Supply and Fixing Voltage Regulator 30 KVA	Each	744.00	87,259.00	Each	744.00	87,259.00		
24-48-d	Supply and Fixing Voltage Regulator 50 KVA	Each	744.00	114,887.34	Each	744.00	114,887.30		
24-48-e	Supply and Fixing Voltage Regulator 75 KVA	Each	744.00	162,077.30	Each	744.00	162,077.30		
24-48-f	Supply and Fixing Voltage Regulator 100 KVA	Each	744.00	228,627.30	Each	744.00	228,627.30		
24-49-a	Providing and Fixing Brass peet / gate valve 1" dia	Each	59.52	1,097.70	Each	59.52	1,097.70		
24-49-b	Providing and Fixing Brass peet / gate valve 1.25" dia	Each	59.52	1,874.52	Each	59.52	1,874.52		
24-49-c	Providing and Fixing Brass peet / gate valve 1.5" dia	Each	59.52	2,179.44	Each	59.52	2,179.44		
24-49-d	Providing and Fixing Brass peet / gate valve 2" dia	Each	59.52	3,326.52	Each	59.52	3,326.52		
24-49-e	Providing and Fixing Brass peet / gate valve 2.5" dia	Each	59.52	4,401.00	Each	59.52	4,401.00		
24-49-f	Providing and Fixing Brass peet / gate valve 3" dia	Each	59.52	7,653.48	Each	59.52	7,653.48		
24-49-g	Providing and Fixing Brass peet / gate valve 4" dia	Each	59.52	13,998.72	Each	59.52	13,998.72		

Chapter # 25 IRON WORK

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
25-01	Laying, linking and packing tramway line	Rft	11.16	11.16	m	36.63	36.63		
25-02	Dismantling tramway track	Rft	3.72	3.72	m	12.20	12.20		
25-03	Laying, linking of BG track, including packing, straightening and levelling	Rft	29.77	29.77	m	97.67	97.67		
25-04	Linking points and crossings, complete with fastenings	Each	2,976.00	2,976.00	Each	2,976.00	2,976.00		
25-05	Bending or straightening BG rail with jim crow	Each	372.00	372.00	Each	372.00	372.00		
25-06	Fixing street lamp posts	Each	1,116.00	1,116.00	Each	1,116.00	1,116.00		
25-07	Binding ends of sleepers and timbers of all sizes & kinds, including spreading & restacking	Each	44.64	44.64	Each	44.64	44.64		
25-08	Opening stacks of sleepers & timber of all kinds and sizes, including spreading for inspection	Each	4.58	4.58	Each	4.58	4.58		
25-09	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings etc excluding erection	tonne	35,712.00	125,252.00	tonne	35,712.00	125,252.00		
25-10	Fabrication of heavy steel work with angle, tees, sheet iron etc for making trusses, girders etc	tonne	22,320.00	111,860.00	tonne	22,320.00	111,860.00		
25-11	Erection and fitting in position iron trusses, staging of water tanks, etc	tonne	7,085.48	7,085.48	tonne	7,085.48	7,085.48		
25-12	Fixing corrugated iron sheet including rivetting, etc	Sft	8.89	8.89	m2	95.67	95.67		
25-13	Erecting corrugated iron sheet tanks, upto 20' height	tonne	8,035.20	8,035.20	tonne	8,035.20	8,035.20		
25-14	Erecting rolled steel beams or old rails, in roof etc, erection & fixing in position	tonne	461.28	461.28	tonne	461.28	461.28		
25-15	Erecting rolled steel beams or rails, erection for posts etc (other than in roofs)	tonne	230.64	230.64	tonne	230.64	230.64		
25-16	Making bolts & nuts of iron rods	kg	78.12	144.38	kg	78.12	144.38		
25-17-a	Cutting rails,rolled steel joist & beams, with hacksaw : Upto 6" size	Each cut	185.99	185.99	Each cut	185.99	185.99		
25-17-b	Cutting rails,rolled steel joist & beams, with hacksaw : Above 6" size	Each cut	279.00	279.00	Each cut	279.00	279.00		
25-18	Cutting rails or rolled steel beams of size below 6" with jim	Each cut	93.00	93.00	Each cut	93.00	93.00		
25-19	Bending rolled steel beams or rails	Per Bend	159.43	937.29	Per Bend	159.43	937.29		
25-20	Drilling holes,in plates upto 1/2" thick per inch dia. or part thereof	Each hole	37.19	37.19	Each hole	37.19	37.19		
25-21	Extra for drilling holes in plates over 1/2" thick per inch dia, or part thereof	Each hole	16.74	16.74	Each hole	16.74	16.74		
25-22	Rivetting 1/8" dia	Each	5.58	5.58	Each	5.58	5.58		
25-23	Cutting out Rivets, all sizes.	Each	15.49	15.49	Each	15.49	15.49		
25-24	Fitting and erection of gutters of sheet iron	Rft	26.05	26.05	m	85.47	85.47		
25-25	Cutting and fixing iron bars, for barred windows	Each	37.19	37.19	Each	37.19	37.19		
25-26	Cutting GI sheets of 2'-8" wide.	Each	18.59	18.59	Each	18.59	18.59		
25-27	Notching web or foot of rail posts for housing rail beams	Each cut	372.00	402.25	Each cut	372.00	402.25		
25-28	Hoop iron netted trellis work fixed with nails	Sft	31.01	32.91	m2	333.68	354.15		

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
25-29	Fixing zinc, iron or GI sheet on table tops	Sft	14.89	15.60	m2	160.17	167.81		
25-30	Making and fixing steel grated doors, complete with locking arrangements & angle iron frame	Sft	276.58	505.50	m2	2,976.00	5,439.15		
25-31	Making and fixing steel grated door, with 1/16" thick sheeting, including angle iron frame & lock	Sft	271.39	668.89	m2	2,920.20	7,197.31		
25-32	Making and fixing grating in opening, including fixing at site with flat iron 2"x3/8" and 3/4" sq. bars	Sft	74.41	152.93	m2	800.62	1,645.54		
25-33	Providing and Fixing terrace railing of 2" i/d conduit pipe 16 SWG welded with 5/8"x5/8" sq bar 2.75' high complete	Sft	52.18	280.36	m2	561.45	3,016.62		
25-34	Providing and Fixing collapsible gate made of 2"x2"x1/4" tee iron at top & bottom, lock etc complete	Sft	178.46	562.64	m2	1,920.26	6,054.06		
25-35	Providing and Fixing 24 SWG GI sheet rolling shutter of steel frame of MS channel 2"x1.25"x1/8" complete	Sft	22.33	231.07	m2	240.25	2,486.34		
25-36	Providing and Fixing MS angle iron 1«"x1«"x1/4" edge protector nozing of steps of stairs, complete	Rft	24.19	180.63	m	79.35	592.62		
25-37	Providing and Fixing stair railing of 2.5" i/d GI pipe, welded with 5/8"x5/8" MS bars 2'-9" high, fixed in each step	Rft	85.59	412.44	m	280.79	1,353.14		
25-38	Providing and Fixing GI wire gauze 24 SWG, 12x12 meshes per sq.in., fixed to steel windows or doors etc	Sft	60.29	133.37	m2	648.68	1,435.02		
25-39-a-01	Providing and Fixing steel windows 18 gauge with openable glazed panels Without wire guaze : Glass pane 2mm thick	Sft	18.61	475.92	m2	200.21	5,120.92		
25-39-a-02	Providing and Fixing steel windows 18 gauge with openable glazed panels Without wire gauze : Glass pane 2.5mm thick	Sft	18.61	477.74	m2	200.21	5,140.45		
25-39-a-03	Providing and Fixing steel windows 18 gauge with openable glazed panels Without wire gauze : Glass pane 3mm thick	Sft	18.61	488.02	m2	200.21	5,251.11		
25-39-a-04	Providing and Fixing steel windows 18 gauge with openable glazed panels Without wire gauze : Glass pane 4mm thick	Sft	18.61	486.33	m2	200.21	5,232.89		
25-39-a-05	Providing and Fixing steel windows 18 gauge with openable glazed panels Without wire gauze : Glass pane 5mm thick	Sft	18.61	500.12	m2	200.21	5,381.31		
25-39-b-01	Providing and Fixing steel windows 18 gauge with openable glazed panels With 22 SWG wire gauze : Glass pane 2mm	Sft	20.47	553.59	m2	220.23	5,956.60		
25-39-b-02	Providing and Fixing steel windows 18 gauge with openable glazed panels With 22 SWG wire gauze : Glass pane 2.5mm	Sft	20.47	555.40	m2	220.23	5,976.13		

Chapter # 25 IRON WORK

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
25-39-b-03	Providing and Fixing steel windows 18 gauge with openable glazed panels With 22 SWG wire gauze : Glass pane 3mm	Sft	20.47	565.69	m2	220.23	6,086.80		
25-39-b-04	Providing and Fixing steel windows 18 gauge with openable glazed panels With 22 SWG wire gauze : Glass pane 4mm	Sft	20.47	563.99	m2	220.23	6,068.57		
25-39-b-05	Providing and Fixing steel windows 18 gauge with openable glazed panels With 22 SWG wire gauze : Glass pane 5mm	Sft	20.47	577.79	m2	220.23	6,216.99		
25-40	Supply and Fixing iron grating for fire place	Sft	372.14	659.49	m2	4,004.21	7,096.11		
25-41	Providing and Fixing angle iron railing, using 2.5"x2.5"x3/8" angle iron post 4.5'long, 5'to 6" apart, complete	Rft	195.38	925.59	m	641.01	3,036.73		
25-42	Providing and Fixing barbed wire fencing of 1.5"x1.5"x3/16" angle iron post 3.25' long, 5 to 6 ft. centre to centre	Rft	37.43	124.83	m	122.79	409.54		
25-43	Providing and Fixing barbed wire fencing on compound wall of 1.5"x1.5"x3/16" angle iron post 3' long, 4' apart	Rft	40.26	139.95	m	132.09	459.14		
25-46	Supplying and Fixing 18SWG Steel Almirah, 12" max depth including box shelves, back, shelves, lock, spray paint complete	Sft	75.56	656.91	m2	813.04	7,068.40		
25-47-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	Sft	83.03	448.04	m2	893.43	4,820.91		
25-47-b	Supplying and Fixing 18 SWG MS Sheet Gate with angle iron frame (2"x2"x3/16") with side window, lock, painting etc	Sft	129.16	593.09	m2	1,389.79	6,381.66		

Chapter # 26 MISCELLANEOUS

Item Code	Description	Rate (British System)			Rate (Metric System)			Spec. No	Remarks
		Unit	Labour	Composite	Unit	Labour	Composite		
26-01	Supplying bamboo jhandies 10' to 12' with iron shoes and flags 15" square	Each	55.80	389.96	Each	55.80	389.96		
26-02	Supplying wooden pegs for levelling 1.5" square 6" long	100 No.	232.50	940.35	100 No.	232.50	940.35		
26-03	Supplying wooden pegs for alignment, 2" to 3" square, 9" long	100 No.	837.00	2,234.55	100 No.	837.00	2,234.55		
26-04	Fixing enamelled iron gauges flush with masonry including cost of hooks	Each	1,116.00	1,195.86	Each	1,116.00	1,195.86		
26-05	Supply & fix boundry pillars in position, including digging pits	Each	186.00	580.34	Each	186.00	580.34		
26-06	Fixing main line type distance mark in position including making 1:3:6 cement concrete base block	Each	111.60	388.91	Each	111.60	388.91		Composite rate does not include cost of iron distance marks.
26-07-a	Boring and fixing 1.5" dia pressure pipe in ordinary soil	Rft	62.38	62.38	m	204.65	204.65		
26-07-b	Boring and fixing 1.5 dia pressure pipe in clay	Rft	113.41	113.41	m	372.10	372.10		
26-07-c	Boring and fixing 1.5" dia pressure pipe in shingle	Rft	164.45	164.45	m	539.54	539.54		
26-08	Repairs to hand pump, pulling out & refitting	Rft	41.66	41.66	m	136.69	136.69		
26-09	Fixing hand pump (machine only)	Each	297.60	297.60	Each	297.60	297.60		
26-10-a	Washing of Durries / Synthetic Matting	100 Sft	1,296.68	1,296.68	m2	139.52	139.52		Capacity of cart, 20 cubic feet
26-10-b	Washing of Bed Sheets	Each	28.01	28.01	Each	28.01	28.01		
26-10-c	Washing of Table Cloth / Napkins / Dusters etc	Each	13.99	13.99	Each	13.99	13.99		
26-11-a	Recaning of chairs/stools : With plastic cane.	kg	124.00	408.35	kg	124.00	408.35		
26-11-b	Recaning of chairs/stools : With willow cane.	kg	173.60	899.60	kg	173.60	899.60		
26-12	Sweeping chimneys	Each	93.00	140.63	Each	93.00	140.63		
26-13	Cleaning of water tanks upto 400 gallons capacity	Each	93.74	93.74	Each	93.74	93.74		For capacity other than 400 gallons, the rate shall be work out on proper rate basis.
26-14	Supplying manure	Cart load	148.80	35,045.61	Cart load	148.80	35,045.61		Capacity of cart, 20 cubic feet
26-15	Spraying anti-termite liquid mixed with water in the ratio of 1:40	100 Sft/spr	9.30	355.84	m2	1.00	38.29		
26-16-a	Providing and Fixing barbed wire fencing with 4 horizontal & 2 cross wires : Without PCC base	Rft	5.88	166.73	m	19.29	547.02		
26-16-b	Providing and Fixing barbed wire fencing with 4 horizontal & 2 cross wires : With PCC 1:4:8 base 12"x12"x21"	Rft	5.88	170.60	m	19.29	559.71		
26-17	Making notice board 1/2" thick of c/s mortar 1:3 with 2"x1/2" beading	100 Sft	6,483.38	7,205.56	m2	697.61	775.32		
26-18	Binding office books/registers.	Each	24.80	82.72	Each	24.80	82.72		
26-19	Cutting of Pipes upto 2" Dia	Per Cut	81.84	81.84	Per Cut	81.84	81.84		
26-20	Cutting of Pipes above 2" Dia upto 4" dia	Per Cut	148.80	148.80	Per Cut	148.80	148.80		