

Statement showing the Schedule of Rates with Revised embedded tax rates for the material rates items of SoR 2012-13

Sl. No.	SS Item No.	DESCRIPTION OF MATERIAL	Unit (per)	SS Rate for 2012-13	Total embedded tax rate (%)
1	2	3	4	5	6
1	22.a	For R.R Masonary Work (other than Granite, Dolomite and Trap)	1 cum	145	5
2	b.I	For SS Revetment work 225 mm	1 cum	116.70	5
3	b.ii	For SS Revetment work 300 mm	1 cum	136	5
4	b.iii	For SS Revetment work 450 mm	1 cum	124	5
5	C	Jeddy Stone above 450 mm to 600 mm	1 cum	171	5
6	d I.	Laterite for revetment 225 mm	1 cum	107	5
7	d II.	Laterite for revetment 300 mm	1 cum	124	5
8	d.iii	Granite for SS revetment 225 mm	1 cum	128	5
9	d.iv	Granite for SS revetment 300 mm	1 cum	147	5
		Note:- Only when other granite is not available			
10	E	Laterite for masonry	1 cum	124	5
11	F	Cyclopean stones above 0.2 cum	1 cum	229	5
12	G	For R.R.Masonry works (granite, dolomite and trap variety)	1 cum	213	5
		NOTE:- For items 22(a) to 22© and 22(g) add extra Rs /cum, wherever quarrying is done by blasting	1 cum	70	
		COURSED RUBBLE STONE QUARRYING WEDGING, BREAKING, BURNING AND SPLITTING INCLUDING STACKING FOR SS FIRST SORT WORKS			
13	23.a	Granite, Dolomite and trap	1 cum	235	5
14	B	For other varieties	1 cum	167	5
15	27	Granite stone slabs for culverts, lintels and copings (3 faces dressed coarsed rubble masonry)	1 cum	1536	5
		NOTE: - For items 23(a), 23(b) and 27 add extra Rs. Per Cum, wherever quarrying is done by blasting	1 cum	70	
16	28	Bond stones (600 x 200 x 200 mm)	each	27	5
17	B	Chainage stones and Centre line stones (750x150x150xmm)	each	33	5
18	31	Demarcation Stones (900 x 150 x 150 mm)	each	63	5
19	32.a	Guard Stones (1200 x 200 x 200 mm)	each	94	5
20	B	Guide Stones (800 x 150 x 150 mm)	each	63	5
21	C	Carving letters and figures in stone up to 100 mm size	each	6	5
22	D	Carving letters and figures in stone above 100 mm size	each	8	5
		HARD BROKEN STONE OF GRANITE, TRAP AND DOLERITE FREE FROM DUST OBTAINED BY QUARRYING, WEDGING, BREAKING, BURNING AND SPLITTING INCLUDING STACKING.			
23	33.a	- do - 6mm size (SS 5)	1 cum	454	0
24	b	- do - 10mm size (SS 5)	1 cum	593	0
25	c	- do - 12mm size (SS 5)	1 cum	727	0

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1	2	3	4	5	6
26	d	- do - 20mm size (SS 5)	1 cum	891	0
27	e	- do - 25mm size (SS 5)	1 cum	874	0
28	f	- do - 40mm size (SS 5)	1 cum	530	0
29	g	- do - 50mm size (SS 5)	1 cum	410	5
30	h	- do - 60mm size (SS 5)	1 cum	378	5
31	I	- do - 65mm size (SS 5)	1 cum	341	5
32	j	- do - 75mm size (SS 5)	1 cum	273	5
33	k	- do - 75 to 100mm size (SS 5)	1 cum	221	5
		NOTE:- (1) Add extra Rs. /- per cum for items 33 (a) to 33 (k) if the metal is obtained by blasting		70	
		(2) Add 25% extra per cum if the metal is obtained by machine crushing excluding cost of blasting.		25%	
		(3) Deduct Rs. /- per cum if the metal or rubble is obtained from surface stone and boulders.		9	
		(4) Add Rs. /- per cum for selection of stones and boulders from excavated spoil dumps for items 33 a to 33 k, when this addition of Rs. /- per Cum is allowed, deduction of Rs. /- per Cum mentioned under Note (3) above should invariably be made.		15 9	
		SOFT BROKEN STONE SCREENED AND FREE FROM DUST INCLUDING STACKING			
34	33.l	- do - 40 mm size (SS 5)	1 cum	110	0
35	33.m	- do - 50 mm size (SS 5)	1 cum	100	5
36	33.n	- do - 60 mm size (SS 5)	1 cum	79	5
37	33.o	- do - 65 mm size (SS 5)	1 cum	70	5
38	33.p	- do - 75 mm size (SS 5)	1 cum	66	5
		HARD BROKEN STONE OF GRANITE TRAP DOLERITE AND DOLAMITE FREE FROM DUST OBTAINED BY QUARRYING WEDGING, BREAKING, BURNING AND SPLITTING INCLUDING STACKING (QUARTZITE AND BASALT WITH AGGREGATE IMPACT OF LESS THAN 20)			
39	33a	-do- 2.36 to 5 mm size (IRC&MORTH)	1 cum	278	5
40	b	-do- 5 to 7mm size (IRC&MORTH)	1 cum	452	0
41	c	-do- 9.5 to 11.2mm size (IRC&MORTH)	1 cum	593	0
42	d	-do- 12mm to 14 mm size (IRC and MORTH)	1 cum	727	0
43	e	-do- 19 mm to 22 mm size (IRC and MORTH)	1 cum	998	0
44	f	-do- 25 mm to 27 mm size (IRC and MORTH)	1 cum	874	0
45	g	-do- 40 mm to 45 mm size (IRC and MORTH)	1 cum	530	0
46	h	-do- 50 mm to 55 mm size (IRC and MORTH)	1 cum	410	5
47	i	-do- 60 mm to 63 mm size (IRC and MORTH)	1 cum	378	5
48	j	-do- 65 mm size (IRC and MORTH)	1 cum	341	5
49	k	-do- 75 mm size (IRC and MORTH)	1 cum	273	5
	1	NOTE:- Add extra Rs. /- per cum for items 33 (a) to 33 (j) if the metal is obtained by blasting	1 cum	70	
	2	Add 25% extra per cum if the metal is obtained by machine crushing excluding cost of blasting.	1 cum	25%	

Sl. No.	SS Item No.	DESCRIPTION OF MATERIAL	Unit (per)	SS Rate for 2012-13	Total embedded tax rate (%)
1	2	3	4	5	6
	3	Deduct Rs. /- per cum if the metal or rubble is obtained from surface stones and boulders	1 cum	9	
	4	Add Rs. /- per cum for selection of stones and boulders from excavated soil dumps for items 33 (a) to 33 (k), when this addition of Rs. /- per cum allowed deduction of Rs. /- per cum mentioned under note (3) above should invariably be made	1 cum	15	
		HARD BROKEN STONE OTHER THAN GRANITE SUCH AS QUARTZ, QUARTZ-NAPA AND BASALT SCREENED AND FREE FROM DUST INCLUDING STACKING		9	
50	33.q	- do - 10 mm size (SS 5)	1 cum	348	0
51		-do- 9.5 mm to 11.2 mm size (IRC and MORTH)	1 cum	348	0
52	r	- do - 12 mm size (SS 5)	1 cum	326	0
53		-do- 12mm to 14 mm size (IRC and MORTH)	1 cum	326	0
54	S	- do - 20 mm size (SS 5)	1 cum	264	0
55		-do- 19 mm to 22 mm size (IRC and MORTH)	1 cum	264	0
56	T	- do - 25 mm size (SS 5)	1 cum	259	0
57	U	- do - 40 mm size (SS 5)	1 cum	153	0
58		-do- 40 mm to 45 mm size (IRC and MORTH)	1 cum	153	0
59	V	- do - 50 mm size (SS 5)	1 cum	135	5
60		-do- 50 mm to 55 mm size (IRC and MORTH)	1 cum	135	5
61	33.w	- do - 65 mm size (SS 5)	1 cum	128	5
62		-do- 60 mm to 65 mm size (IRC and MORTH)	1 cum	128	5
63	X	- do - 75 mm size (SS 5)	1 cum	106	5
64		- do - 75 mm size (IRC &MORTH)	1 cum	106	5
65	Y	- do - 75 to 100 mm size (SS 5)	1 cum	84	5
66		- do - 75 to 100 mm (IRC& MORTH)	1 cum	84	5
		OTHER ITEMS			
67	33.z1	Laterite 40 to 75 mm (ring)	1 cum	92	5
68	z2	kankar, hard broken kankar 40 to 75 mm (ring)	1 cum	69	5
69	z3	Soling stone of 150 mm size of granite, trap and Dolomite varieties.	1 cum	86	5
		NOTE:- (1) Add extra for items to 33(z3) Rs /- Per cum, wherever quarrying is done by blasting. (2) Wherever controlled blasting is resorted to the Chief Engineer concerned shall approve the observed data in support of SS item No. 22 a to 22 c , 22g, 23		70	
70	z4	Soling stone of 150 mm size other than granite variety	1 cum	60	5
71	z5	Soling Stone laterite, Kankar 150mm, surface stone	1 cum	37	5
72	z6	Field picked metal unbroken 20 mm size	1 cum	50	5
73	z7	- do - 25 mm size	1 cum	39	5
74	z8	- do - 40 mm size	1 cum	44	5
75	z9	- do - 50 mm size	1 cum	39	5
76	z10	- do - 60 mm size	1 cum	33	5
77	z11	- do - 80 mm size	1 cum	24	5

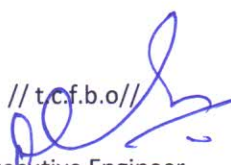
Sl. No.	SS Item No.	DESCRIPTION OF MATERIAL	Unit (per)	SS Rate for 2012-13	Total embedded tax rate (%)
1	2	3	4	5	6
		NOTE:- Add Rs. /- Per Cum for selection of stone and boulders from excavated spoil dumps for items 33 (Q) TO 33 Z , when this addition of Rs. /- per Cum is allowed, deduction of Rs. /- per Cum should invariably be made towards the metal or rubble if it is obtained from surface stone and boulders.		15 9	
78	34	Gravel	1 cum	75	0
79	35a	Quarry rubbish	1 cum	75	5
80	B	HBG Stone Chips 2.36mm and below	1 cum	260	5
81	36.a	Sand for mortar, plastering, ceiling coat including washing screening etc.,	1 cum	335	5
82	B	Sand for filling and blindage	1 cum	248	5
83	37	Clay for puddle and masonry Items 38 (a) to 39 (h) As per local prevailing rates based on competitive quotations.	1 cum	31	5
		(C) LIME AND CEMENT			
84	40 to 41 c			As per local competitive quotations	
85	42	Cement excluding cost of empty cement bags	1 MT	Monthly rates will be communicated by Govt.	
		NOTE: (1) The rates are inclusive of sales tax. 2)As per the rates applicable to the District. 3) Least of the (1) and (2) above may be allowed 4) The price of cement will be reviewed and fixed on monthly basis and rates will be communicated separately			
86	C	Grinding lime mortar or Surkhi mortar	1 cum	85	5
87	D	Shell lime slaked and screened	1cum	847	5
88	E	White cement	1 Kg	27	28.24
		(D) MORTARS			
89	43 to 45	Items 43 to 45		Rates have to be worked out based on MoRTH data	
		(E) METAL AND IRON WORKS			
90		Mild steel rods 6mm dia.	1 MT	Monthly rates will be communicated by Govt.	
91		Mild steel flats	1 MT		
92		Mild Steel, Structural Steel, I.e., Angles, Channels and I sections.	1 MT		
93		High Yield Strength Deformed Bars/TMT bars	1 MT		
94		Mild steel plates	1 MT		
		NOTE: (1) The rates are inclusive of sales tax. 2)As per the rates applicable to the District. 3) Least of the (1) and (2) above may allowed 4) The prices of steel will be reviewed and fixed on monthly basis and rates will be communicated separately.			
		III RATES OF WORKS			
		(A) CLEARING SITE			

Sl. No.	SS Item No.	DESCRIPTION OF MATERIAL	Unit (per)	SS Rate for 2012-13	Total embedded tax rate (%)
1	2	3	4	5	6
95	1.a	Clearing heavy Jungle	1 sqm	2.5	0
96	B	Clearing light Jungle	1 sqm	2.3	0
97	C	Clearing Scrub Jungle	1 sqm	2.3	0
98	D	Clearing Juliflora (Prosafis) jungle including up-rooting and removing of Juliflora stumps.	1 sqm	3.7	0
99	2.a.I	Cutting and removing Palmyrah trees including stacking of girth 30 to 100 cm.	each	31	0
100	I i	- do - 100 to 200 cm.	each	48	0
101	2.b.I	Uprooting and removing Palmyrah stumps including stacking of girth 30 to 100 cm.	each	34	0
102	Ii	- do - 100 to 200 cm.	each	52	0
103	2.c.I	Cutting and removing date trees including stacking of girth 30 to 100 cm	each	20	0
104	Ii	- do - 100 to 200 cm	each	31	0
105	d.I	Uprooting and removing stumps of date trees including stacking of girth 30 to 100 cm.	each	20	0
106	Ii	- do - 100 to 200 cm	each	27	0
107	eI	Cutting and removing other kind of trees including stacking of girth 30 to 100 cm	each	27	0
108	I i	- do - 100 to 200 cm	each	42	0
109	iii	- do - above 200 cm	each	69	0
110	f.I	Uprooting and removing stumps of other kind of trees including stacking of girth 30 to 100 cm.	each	20	0
111	I i	- do - 100 to 200 cm	each	29	0
112	iii	- do - above 200 cm	each	39	0
113	3.a	Uprooting and clearing prickly pear jungle	1 sqm	2.1	0
114	B	- do - under 2.5 meters height including burning and burrying as directed.	1 sqm	2.7	0
115	C	- do - over 2.5 meters height including burning and burrying with an initial lead of conveyance	1 sqm	3.2	0
116	4.a	Removing of natchu, goobi, thooti etc., from drains, channels including clearance if not more than 1 metre depth of water with an initial lead of 10 metres and lift of 2 metres.	1 sqm	1.7	0
117	b.I	Clearing alchi, tilla	1 sqm	3.2	0
118	b.ii	Removal of Jammu	1 sqm	2.8	0
119	c.i	Removal of imponea, cornea	1 sqm	3.2	0
120	c.ii	Removal of water hyacinth upto 30 cm thick.	1 sqm	3.3	0
121	c.iii	- do - more than 30 cm thick	1 sqm	4.5	0
122	D	Removal of natchu, goobi, thooti etc., for every extra lead or lift over the initial lead or lift.	1 sqm	1.1	0
		(B) DISMANTLING			
	5	DISMANTLING, CLEARING AWAY AND CAREFULLY STACKING MATERIALS USEFUL FOR REUSE.			
123	n.(i)	Dry rough stone revetment for aprons and stacking within 40 metres		55.3	0
	7	Drilling holes in hard granite or sheet rock			
	a)	Manually (Hand)			
124	i)	20 mm dia meter	1 RM	107	0

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1	2	3	4	5	6
125	ii)	25 mm dia meter	1 RM	116	0
126	iii)	36 mm dia meter	1 RM	133	0
	b)	Pneumatic Compressor			
127	i)	20 mm dia meter	1 RM	124	0
128	ii)	25 mm dia meter	1 RM	135	0
129	iii)	36 mm dia meter	1 RM	148	0
	8	Grouting the holes with neat cement slurry excluding cost of steel			
130	i)	20 mm dia meter	1 RM	79	0
131	ii)	25 mm dia meter	1 RM	99	0
132	iii)	36 mm dia meter	1 RM	123	0
		White washing and painting works			
133	AI	White washing and colour banding for guard and guide stones including cost of materials	each	7.1	0
134	B I	Screening sand and gravel	1 cum	6.9	0
135	B 2	Screening chips and metal	1 cum	14.4	0
136	C1	Removing and reflexing Hectometre or Demarcation stones	each	10.4	0
		(S) ROAD WORK ITEMS			
		PICKING OLD METALLED SURFACE TO DEPTH OF 40 TO 100 mm SPREADING OLD METAL AND NEW METAL SECTIONING INCLUDING EDGE BUNDS AND SUBGRADE ROLLING, SPREADING METAL INCLUDING BLINDAGE OF GRAVEL WATERING WITH AN INITIAL LEAD OF 2 HECTOMETERS AND HAND ROLLER (1.5 TO 2 TONNES) ROLLING ETC., INCLUDING BARRICADING, DIVERSION OF TRAFFIC AND WETTING THE NEW CONSOLIDATION FOR FORTNIGHT COMPLETE			
		(For compact thickness)			
	1 (I)	HARD METAL			
137	A	40 mm thick	10 sqm	62.5	0
138	B	50 mm thick	10 sqm	65.9	0
139	C	75 mm thick	10 sqm	71.7	0
140	D	100 mm thick	10 sqm	77.7	0
	1(ii)	(For compact thickness of soft metal)			
141	A	50 mm thick	10 sqm	47.9	0
142	B	75 mm thick	10 sqm	57.2	0
143	C	100 mm thick	10 sqm	62.2	0
	5	Picking old metal surface to a depth of 40 to 100 mm and spreading metal including attering with an initial lead of 2 Hectometers and rolling with power rollers watering and spreading gravel for blindage and power roller including hire charges of power roller (9 to 10 T) barricading and diversion of traffic and wetting the new consolidation for a fortnight (for compacted thickness of)			

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1	2	3	4	5	6
		HARD METAL			
144	5 (a)	40 mm thick	10 sqm	164.7	0
145	(b)	50 mm thick	10 sqm	186.7	0
146	(c)	75 mm thick	10 sqm	205.7	0
147	(d)	100 mm thick	10 sqm	221.3	0
148	(e)	150 mm thick	10 sqm	396.3	0
149		Gelatin (for MORTH data,for works of state & national high ways onlys)	Per Kg	65.6	28.24
150		Electric Detonatorrs (for MORTH data,for works of state & national high ways onlys)	each	3.3	28.24
151		Hot applied thermoplastic compound (for MORTH data,for works of state & national high ways onlys)	Per Litre	218.7	28.24
152		Reflectioning glass beads of 2 mm thick (for MORTH data,for works of state & national high ways onlys)	Per Kg	71.1	28.24
153		Road marking paint confirming to IS 164 (for MORTH data,for works of state & national high ways onlys)	Per Kg	174.9	28.24
154	n	Labour charges for laying filters with coarse aggegate.	1 cum	49.1	0
155	o	Labour charges for laying filters with sand	1 cum	27.3	0
		New Items			
156		Fly Ash	1 cum	deleted	
157		Binding wire	1 Kg	65	17.6

Sd/-
Engineer in Chief,PR

// t.c.f.b.o//

Dy.Executive Engineer

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