

**Name of work : Annual Rates for Maintenance and repairs (Road work) Ta- Sami, Harij & Sankheswar, under jurisdiction of R & B (Panchayat) Sub Division Sami.**

**Index of Specification**

<b>Item No As Per Tender</b>	<b>Decription Of Item</b>	<b>Applicable Specification</b>	<b>Specification Booklet Attached</b>
1	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(S.O.R P.No 187 Code No 26001)		
A	(A)From Borrow pits within land width (S.O.R P.No 187 Code No 26001A Sr.No 1)	P-10, It No.1B	Road Work Booklet
B	(B)From Borrow area within 0.5 Km.lead (upto 10 ton)(S.O.R P.No 187 Code No 26001BA Sr.No 2)	P-10, It No.1D	Road Work Booklet
C	(C)From Borrow area within 1.0 Km.lead (upto 10 ton) (S.O.R P.No 187 Code No 26001CA Sr.No 3)	P-10, It No.1D	Road Work Booklet
D	(D)From Borrow area within 2.0 Km. lead (upto 10 ton)(S.O.R P.No 187 Code No 26001DA Sr.No 4)	P-10, It No.1D	Road Work Booklet
E	(E)From Borrow area within 3.0 Km. lead (upto 10 ton)(S.O.R P.No 187 Code No 26001EA Sr.No 5)	P-10, It No.1D	Road Work Booklet
2	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(S.O.R P.No 188 It.Code No. 26005, Sr.No 13)	P-26, It No.26	Road Work Booklet
3	Pinting and lettering with enamel paint 3- coats etc complete.(i) Ordinary K.M. Stone for N.H. S.H. and M.D.R.		
A	(i) Ordinary K.M. Stone for N.H. S.H. and M.D.R. (S.O.R P.No 196,It Cd.26058A, Sr.No 99)	P-12, It No.31	Road Work Booklet
B	(ii) Ordinary K.M. Stone for O.D.R. and V.R. (S.O.R P.No 196,It Cd No.26058B, Sr.No 100)	P-12, It No.31	Road Work Booklet
C	(iii) Fifth K.M. Stone .(S.O.R P.No 196, It Cd. 26058C,Sr.No 101)	P-10, It No.30	Road Work Booklet
D	(iv) Hectometer stone.(S.O.R P.No 196, It Cd No.26058D Sr.No 102)	P-11, It No.30	Road Work Booklet
E	(v) Road sign board. (S.O.R P.No 196,It Cd No.26058E Sr.No 103)	P-31, It No.13	Road Work Booklet
F	(vi) Village name board.(S.O.R P.No 196, It Cd NO.26058F Sr.No 104)	P-31, It No.14	Road Work Booklet
G	(vii)Junction board.(S.O.R P.No 196, It Cd No.26058G, Sr.No 105)	P-74, It No.56	Road Work Booklet
4	Charges for Clearing Road site by removing by ganda baval akadas, bordies etc. upto 1.5 mt On Both sides from edge of B.T. surface including serooting by Excavator machine &throwing away all stuff branches etc. with all lead and lift with all material,labour etc.comp.as directed.		

4.1	dense forest BY MECHANICAL MEANS (R.A. )	P-86, It No.78	Road Work Booklet
4.2	Scattered Forest MECHANICAL MEANS(R.A.)	P-86, It No.78	Road Work Booklet
4.3	dense forest By manual means (R.A. )	P-86, It No.78	Road Work Booklet
4.4	Scattered Forest By manual means (R.A. )	P-86, It No.78	Road Work Booklet
5	Geru/Chuna of road side trees including 30 cm wide patta of 3 coats of white bwashing at top & 90 cm wide patta of 3 coats of sona geru at bottom using saresh including cleaning the surface etc as directed (R.A)	P-112, It No.18.17	Road Work Booklet
6	Engaging earth Excavator incl. cleaning sites for hire charges of excavator incl diesel,1 labour and 1drivers etc complete as directed.(Hydraulic Excavator 1 cum bucket capacity @ 60 cum per hour)(RA)	-	-
7	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters (S.O.R P No 238 SR.No 138)		
	(i) 300mm dia. (upto 10 ton)(S.O.R P No.238 It Cd.26131)	P-58, It No.33	Road Work Booklet
	(ii) 450mm dia. (upto 10 ton)(S.O.R P No 238 It Cd 26132)	P-58, It No.33	Road Work Booklet
	(iii) 600mm dia. (upto 10 ton)(S.O.R P No 238 It Cd 26134)	P-58, It No.33	Road Work Booklet
	(v) 900mm dia. (upto 10 ton)(S.O.R P No 238 It Cd 26135)	P-58, It No.33	Road Work Booklet
	(vii) 1200mm dia. (upto 10 ton)(S.O.R P No238 It Cd 26137)	P-58, It No.33	Road Work Booklet
8	Supplying and Stacking of quarry spall of hard stone free of dis integrated Pieces, deleterious and organic matter including royalties & filling measure boxes with all lead and lift etc completed for road work (R.A.)	P-58, It No.33	Road Work Booklet
9	Supplying and stacking of machine crushed stone coarse aggregate chippings etc of hard stone of size 40mm to 63mm size free of disintegrated pieces,deleterious and orgenic matter including royalties & filling measure boxes with all lead and lift etc. completed for road work (R.A)	P-22, It No.4E	Road Work Booklet
10	Supplying and stacking of hard morrum/sand/yellow earth/ binding materialapproved quality on road site including royalties & filling measure boxes with all lead and lift etc. road work (R.A)	P-32, It No.15	Road Work Booklet

11	Spreading the stone aggregate for solling & W.B.M. including filling the interstices forming the road surface to required camber & Gradient (i) 45mm to 63mm size M.C. aggregete (S.O.R. P.No 191 It Cd.26018A)	P-53, It No.27	Road Work Booklet
12	Spreading the binding material on road crust filling the gaps in metal and leveling to camber and gradient as directed.(S.O.R. P.No 191 It Cd.26020A)	P-23, It No.4A	Road Work Booklet
13	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pnumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. Complete.(S.O.R P.No.135 It Cd 14033)	Separate Sheet Attached	
14	Providing and laying 23cm thick rubble stone pitching on side slope on existing earthwork as per detailed drawing with pointing in CM 1:3 on rubble pitching and providing coarse sand bedding 10 thick as filter media cm etc complete (R.A)	Separate Sheet Attached	
15	Rolling and consolidation of soling including filling in depression which occur during the process, with power roler 8 tonne to 12 tonne.(S.O.R. P.No 191 It Cd.26021)	Separate Sheet Attached	
16	Flood gauge sign Providing and fixing sign board made out of 4mm aluminium composite sheet size200x43 cms rectangle as per design of IRC -67-2012 3.1 mtr long stand posted frame fabricated from suitable size iron angle ,coated with one coat of epoxy primer and two coat of best quality epoxy paint ,refectories with retro reflective engineering grade sheeting as per latetest M.O.S.T specification the fixing at site shall be	Separate Sheet Attached	
17	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil ( A ) Loose or soft soil. ( P. 65. I. 1.0.0. It Code:04001A) )	Separate Sheet Attached	
18	Providing and laying cement concrete 1:4:8 (1 Cement : 4 coarse sand :8 stone aggregates 40 mm nomial size) and curing complete excluding cost of form work in (A) Foundation and plinth(R.A)	P-21, Item No. 4.0.0(A)	Building Work Booklet
19	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work Sor Pg No153, It Cd NO.20002	P-30, Item No. 5.3.3(A)	Building Work Booklet

20	Providing and fixing in position Fe 500D TMT for R.C.C. bored piles as per detailed drawing, including cutting, bending hooking tying and welding complete and including forming the cage and lowering it in position. (S.O.R. Page no.260, It.No.27043C )	P-130, It No.20.3	Building Work Booklet
21	Providing and casting in situ ordinary cement concrete M 200 mix and providing necessary pin headers including shuttering scaffolding, laying, vibrating and finishing without V grooves etc.complete. 0.0 to 5.0 mts . (SOR P No 262 It Code 27053AA) (3206.03+(140 Kg x 5.234 = 732.76)= 3938.79)	P-130, It No.20.3	Building Work Booklet
22	Hire Charges Tipper Truck/Dumper of minimum 15 ton or more capacity including operator, Fuel, oil, Grease etc. all such complete. (MR)	-	-
23	Engaing Labours for various Work on road site & building as per instruction of engineering in charge SOR 2023-24 L037)	-	-
24	Hire Charges Tipper Truck/Dumper of approx 25 ton capacity including operator, Fuel, oil, Grease and taking Hot mix material from Batch mix or hot mix Bitumin plant and spreading the same on site as directed by Engineer Incharge etc. (R.A.)	-	-
25	Spreading the material of It no 14 on site as directed by Engineer Incharge etc. (R.A.)	-	-
26	Clearing of CD works pipe for monsoon treatment including removing the jungle up to 15 mt on boths sides U/S & D/S of CD work by JCB machine providing the gutter on boths side up to 10 mt opening the pipes by labour & opening the water way etc complete	P-130, It No.20.3	Building Work Booklet
A	1 Row CD work Cleaning	-	-
B	2 Row CD work Cleaning	-	-
C	3 Row CD work Cleaning	-	-
D	4 Row CD work Cleaning	-	-
E	5 Row CD work Cleaning	P-130, It No.20.3	Building Work Booklet
F	6 Or More Row CD work Cleaning	-	-
27	Clearing Of Box Culvert works for monsoon treatment including removing the jungle up to 50 mt on boths sides U/S & D/S of Box Culvert / by JCB machine,Removing unnecesarry soil,grass,Vegetation etc cleaning and disposing includng all labour and machinery etc complete below box - culvert as per direction and instruction of engineer incharge.	-	-

28	Clearing Of Slab Drain or Major Bridge works for monsoon treatment including removing the jungle up to 50 mt on boths sides U/S & D/S of Slab Drain by JCB machine,Removing unnecesarry soil,grass,Vegetation etc cleaning and disposing includng all labour and machinery etc complete below Slab Drain as per direction and instruction of engineer incharge.	-	-
29	Providing Before/After photography of any type of work at any site of taluka including Soft copy & Hard Photo Copy . as per directed by incharge Engineer.	-	-

Dy.Executive Engineer  
R. & B (P) Sub-Division  
Sami