

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

SCHEDULE ' B'

Memorandum showing items works to be carried out :

Items No.	Quantities estimated Qty	item of work	Tendered Rates		Unit	Total amount according to estimated quantities
			In Figure Rs. Ps	In words		
1	2	3	4	5	6	7
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	1.00 Cu.M.	(A)From Borrow pits within land width (S.O.R P.No 187 Code No 26001A Sr.No 1)	114.44	Rupees One Hundred Fourteen And Paise	Cu.M.	114.44
B	1.00 Cu.M.	(B)From Borrow area within 0.5 Km.lead (upto 10 ton)(S.O.R P.No 187 Code No 26001BA Sr.No 2)	162.25	Rupees One Hundred Sixty Two And Paise Twenty Five Only	Cu.M.	162.25
C	1.00 Cu.M.	(C)From Borrow area within 1.0 Km.lead (upto 10 ton) (S.O.R P.No 187 Code No 26001CA Sr.No 3)	165.43	Rupees One Hundred Sixty Five And Paise Forty Three Only	Cu.M.	165.43
D	1.00 Cu.M.	(D)From Borrow area within 2.0 Km. lead (upto 10 ton)(S.O.R P.No 187 Code No 26001DA Sr.No 4)	171.49	Rupees One Hundred Seventy One And Paise Forty Nine Only	Cu.M.	171.49
E	1.00 Cu.M.	(E)From Borrow area within 3.0 Km. lead (upto 10 ton)(S.O.R P.No 187 Code No 26001EA Sr.No 5)	177.34	Rupees One Hundred Seventy Seven And Paise Thirty Four Only	Cu.M.	177.34
2	1.00 Cu.M.	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)	140.87	Rupees One Hundred Forty And Paise Eighty Seven Only	Cu.M.	140.87
3		Painting and lettering with enamel paint 3- coats etc complete.(i) Ordinary K.M. Stone for N.H. S.H. and M.D.R.				
A	1.00 No	(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)	205.29	Rupees Two Hundred Five And Paise Twenty Nine Only	Each	205.29
B	1.00 No	(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)	158.37	Rupees One Hundred Fifty Eight And Paise Thirty Seven Only	Each	158.37
C	1.00 No	(iii) Fifth K.M. Stone .(S.O.R P.No 196, It Cd. 26058C,Sr.No 101)	392.99	Rupees Three Hundred Ninety Two And Paise Ninety Nine Only	Each	392.99
D	1.00 No	(iv) Hectometer stone.(S.O.R P.No 196, It Cd No.26058D Sr.No 102)	52.79	Rupees Fifty Two And Paise Seventy Nine Only	Each	52.79
E	1.00 No	(v) Road sign board. (S.O.R P.No 196,It Cd No.26058E Sr.No 103)	469.25	Rupees Four Hundred Sixty Nine And Paise Twenty Five Only	Each	469.25
F	1.00 No	(vi) Village name board.(S.O.R P.No 196, It Cd NO.26058F Sr.No 104)	469.25	Rupees Four Hundred Sixty Nine And Paise Twenty Five Only	Each	469.25
G	1.00 No	(vii)Junction board.(S.O.R P.No 196, It Cd No.26058G, Sr.No 105)	1466.40	Rupees One Thousand Four Hundred Sixty Six And Paise Forty Only	Each	1466.40
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.		Rupees Nil		

4.1	1.00 Km	dense forest BY MECHANICAL MEANS (R.A.)	13955.76	Rupees Thirteen Thousand Nine Hundred Fifty Five And Paise	Km	13955.76
4.2	1.00 Km	Scattered Forest MECHANICAL MEANS(R.A.)	11381.99	Rupees Eleven Thousand Three Hundred Eighty One	Km	11381.99
4.3	1.00 Km	dense forest By manual means (R.A.)	47076.59	Rupees Forty Seven Thousand Seventy Six And Paise Fifty Nine	Km	47076.59
4.4	1.00 Km	Scattered Forest By manual means (R.A.)	35307.27	Rupees Thirty Five Thousand Three Hundred Seven And	Km	35307.27
5	1.00 No	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)	44.14	Rupees Forty Four And Paise Fourteen Only	No	44.14
6	1.00 Hrs	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)	860.64	Rupees Eight Hundred Sixty And Paise Sixty Four Only	Hrs	860.64
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)				
	1.00 Rmt	(i) 300mm dia. (upto 10 ton)(S.O.R P No.238 It Cd.26131)	1095.18	Rupees One Thousand Ninety Five And Paise Eighteen Only	Rmt	1095.18
	1.00 Rmt	(ii) 450mm dia. (upto 10 ton)(S.O.R P No 238 It Cd 26132)	1462.01	Rupees One Thousand Four Hundred Sixty Two And Paise One Only	Rmt	1462.01
	1.00 Rmt	(iii) 600mm dia. (upto 10 ton)(S.O.R P No 238 It Cd 26134)	2108.86	Rupees Two Thousand One Hundred Eight And Paise Eighty Six Only	Rmt	2108.86
	1.00 Rmt	(v) 900mm dia. (upto 10 ton)(S.O.R P No 238 It Cd 26135)	3271.56	Rupees Three Thousand Two Hundred Seventy One And Paise Fifty Six	Rmt	3271.56
	1.00 Rmt	(vii) 1200mm dia. (upto 10 ton)(S.O.R P No238 It Cd 26137)	5516.63	Rupees Five Thousand Five Hundred Sixteen And Paise Sixty Three	Rmt	5516.63
8	1.00 Cu.M.	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.)	1243.02	Rupees One Thousand Two Hundred Forty Three And Paise Two Only	Cu.M.	1243.02
9	1.00 Cu.M.	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)	1384.47	Rupees One Thousand Three Hundred Eighty Four And Paise Forty Seven Only	Cu.M.	1384.47
10	1.00 Cu.M.	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)	289.87	Rupees Two Hundred Eighty Nine And Paise Eighty Seven Only	Cu.M.	289.87
11	1.00 Cu.M.	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)	274.73	Rupees Two Hundred Seventy Four And Paise Seventy Three Only	Cu.M.	274.73

12	1.00 Cu.M.	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)	162.22	Rupees One Hundred Sixty Two And Paise Twenty Two Only	Cu.M.	162.22
13	1.00 Smt	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic 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 guidelines of IRC : SP 63-2018 etc. Complete.(S.O.R.P.No.135 It Cd 14033)	700.74	Rupees Seven Hundred And Paise Seventy Four Only	Smt	700.74
14	1.00 Sq.M.	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)	780.40	Rupees Seven Hundred Eighty And Paise Forty Only	smt	780.40
15	1.00 Smt	Rolling and consolidation of soling including filling in depression which occur during the process, with power roller 8 tonne to 12 tonne.(S.O.R. P.No 191 It Cd.26021)	22.75	Rupees Twenty Two And Paise Seventy Five Only	Sq.M.	22.75
16	1.00 No	Flood gauge sign Providing and fixing sign board made out of 4mm aluminium composite sheet size 200x43 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 ,refractories with retro reflective engineering grade sheeting as per latestest M.O.S.T specification the fixing at site shall be in 1:2:4 cc block of size 45x45x60 cms including excavation ,curing etc.comp.B-high intensity grade sheeting(MR)	3787.50	Rupees Three Thousand Seven Hundred Eighty Seven And Paise Fifty Only	Nos	3787.50
17	1.00 Cu.M.	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))	128.79	Rupees One Hundred Twenty Eight And Paise Seventy Nine Only	Cu. M.	128.79
18	1.00 Cu.M.	Providing and laying cement concrete 1:4:8 (1 Cement : 4 coarse sand :8 stone aggregates 40 mm nominal size) and curing complete excluding cost of form work in (A) Foundation and plinth(R.A)	2749.06	Rupees Two Thousand Seven Hundred Forty Nine And Paise Six Only	Cu. M.	2749.06
19	1.00 Cu.M.	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work Sor Pg No153, It Cd NO.20002	1133.89	Rupees One Thousand One Hundred Thirty Three And Paise Eighty Nine Only	Cu. M.	1133.89
20	1.00 MT	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)	73656.44	Rupees Seventy Three Thousand Six Hundred Fifty Six And Paise Forty Four Only	MT	73656.44
21	1.00 Cu.M.	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)	4093.58	Rupees Four Thousand Ninety Three And Paise Fifty Eight Only	Cu. M.	4093.58

22	1.00 Hour	Hire Charges Tipper Truck/Dumper of minimum 15 ton or more capacity including operator, Fuel, oil, Grease etc. all such complete. (MR)	1515.00	Rupees One Thousand Five Hundred Fifteen Only	Hour	1515.00
23	1.00 Nos	Engaing Labours for various Work on road site & building as per instruction of engineering in charge SOR 2023-24 L037)	491.87	Rupees Four Hundred Ninety One And Paise Eighty Seven Only	Nos	491.87
24	1.00 km	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.)	54.54	Rupees Fifty Four And Paise Fifty Four Only	km	54.54
25	1.00 MT	Spreading the material of It no 14 on site as directed by Engineer Incharge etc. (R.A.)	223.34	Rupees Two Hundred Twenty Three And Paise Thirty Four Only	Cumt	223.34
26	1.00 Hour	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				
A	1.00 Nos	1 Row CD work Cleaning	3254.22	Rupees Three Thousand Two Hundred Fifty Four And Paise Twenty Two	No	3254.22
B	1.00 km	2 Row CD work Cleaning	4753.06	Rupees Four Thousand Seven Hundred Fifty Three And Paise Six	No	4753.06
C	1.00 MT	3 Row CD work Cleaning	6252.91	Rupees Six Thousand Two Hundred Fifty Two And Paise Ninety One	No	6252.91
D	1.00 Nos	4 Row CD work Cleaning	7751.75	Rupees Seven Thousand Seven Hundred Fifty One And Paise Seventy	No	7751.75
E	1.00 km	5 Row CD work Cleaning	9251.60	Rupees Nine Thousand Two Hundred Fifty One And Paise Sixty Only	No	9251.60
F	1.00 MT	6 Or More Row CD work Cleaning	10750.44	Rupees Ten Thousand Seven Hundred Fifty And Paise Forty Four	No	10750.44
27	1.00 km	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 unncesarry soil,grass,Vegitation etc cleaning and disposing includng all labour and machinery etc complete below box - culvert as per direction and instruction of engineer incharge.	6619.54	Rupees Six Thousand Six Hundred Nineteen And Paise Fifty Four Only	Cell	6619.54

28	1.00 MT	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,Vegitation etc cleaning and disposing includng all labour and machinery etc complete below Slab Drain as per direction and instruction of engineer incharge.	7497.23	Rupees Seven Thousand Four Hundred Ninety Seven And Paise Twenty Three Only	Span	7497.23
29	1.00 MT	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.	20.20	Rupees Twenty And Paise Twenty Only	No	20.20

TOTAL AMOUNT PUT TO TENDER= 275069.95

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