

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Area 310.00 sq ²
	4	20.00	2 1.10	2	88.00 sq ²
	5	15.00	2 1.00	2	75.00 sq ²
	17	6.00	2 1.20	2	122.40 sq ²
	10	18.00	2 1.00	2	180.00 sq ²
					Total - 607.40 sq ²
(2) Repair of Pot holes					
	With 75 mm -				- Comp.
	7	5.00	2 1.00	2	35.00 sq ²
	4	6.50	2 1.20	2	31.20 sq ²
	6	8.00	2 1.10	2	18.53 sq ²
	5	8.00	2 0.90	2	9.50 sq ²
	6	8.80	2 1.10	2	25.18 sq ²
					Total 140.63 sq ²
	4	4.00	2 1.10	2	19.08 sq ²
	1	11.70	2 0.60	2	7.02 sq ²
(4) All surface dressing					
	1st coat on Pot holes repair				
	Qty same as above				
	Area No. 3				140.63 sq ²
(5) All surface dressing					
	And coat on Pot holes repair				
	Qty same as above				
	Area No. 3				140.63 sq ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Maintenance of H.P. culvert —					3 m
⑦ Maintenance of Road Signs —					0.83 Km
⑧ Maintenance of 800 Mand Kan Struc					0.36 Km
⑨ Cutting of Branches of trees & shrubs					3 m
⑩ Cutting of shrubs from Roadway					18 m
⑪ Trimming of grass and weeds from shoulder					
	1 x	10.00	x	1.00	$= 10.00 m^2$
	1 x	8.00	x	0.60	$= 4.80 m^2$
	3 x	5.00	x	0.60	$= 9.00 m^2$
	2 x	3.10	x	1.00	$= 6.20 m^2$
				total.	30.00 m
⑫ Waste Washing machine belt etc					
	4 x	3.60	x	0.40	$= 5.76 m^2$
	4 x	3.60	x	1.10	$= 15.84 m^2$
	4 x	3.60	x	0.60	$= 8.64 m^2$
	4 x	2 x	0.40	x	0.60 $= 1.92 m^2$
				total	30.16 m ²
Minor for 2 pieces					6.44 m ²
Minor for 1 piece					6.30 m ²
					10.44 m ²
					10.44 m ²

ANALYST REPORT OF COST

Sch. XLV-Form No. 134 54

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Rectraining & Pair with 1821.					
Qty V-T.M.B.P. 51 =					136133m ³
CR 342204 per m ³					R 49,379.00
② Main for air of Easting Shoulder					
Qty V-T.M.B.P. 52 =					607,405m ³
CR 54264 per m ³					R 33,188.00
③ Repair of Pot holey with 75mm M.W.					
Qty V-T.M.B.P. 52 =					140,635m ²
CR 37520 per m ²					R 58,877.00
④ A/C Surface dressing 1st coat in Pot holey Repair					
Qty V-T.M.B.P. 52 =					140,635m ²
CR 81278 per m ²					R 11,500.00
⑤ A/C Surface dressing and coat - - Comp					
Qty V-T.M.B.P. 52 =					140,635m ²
CR 70259 per m ²					R 9,987.00
⑥ Main for water of H.P. current					
Qty V-T.M.B.P. 53 =					300m ³
CR 1076.70 per m ³					R 3,230.00
Total R 1,60,101.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
R/F R. 1, 60, 101-2					
⑦ Main fence of Road signs					
Qty 17 M ² @ 53 = 0.834 km					
@ 1034 = 49 per m ²					
R 238-24					
⑧ Maintenance of 20 m wide km space					
Qty 17 M ² @ 53 = 0.36 km					
@ 535 = 14 per km R 200-24					
⑨ Cutting of Branches of Tree & shrubs					
Qty 17 M ² @ 53 = 34 kg					
@ R 100 = 50 per m ² R 308-24					
⑩ Cutting of shrubs from Roadway					
Qty 17 M ² @ 53 = 18 m ²					
@ R 6-15 per M ² R 74-24					
⑪ Trimming of grass & weeds from shoulder					
Qty 17 M ² @ 53 = 300 m ²					
@ R 2-06 per m ²					
R 62-24					
Total R. 1, 60, 977-24					

NAME OF ROAD:-

T03 ODR TO Pahadpur Pachim Tola

LINK ROUTE NO.:

S012

BLOCK:-

Baraharia

DISTRICT:

Siwan

LENGTH OF ROAD (KM):-

1.500 km

ESTIMATE FOR 5 YEARS MAINTENANCE WORKS

Multiplying Factor for Commercial Vehicle 15 to 45 per days = 1.25 (ref. - Annexure 14.4 operation Manual from Rural Road)

Sr. No	SOR No.	Description of Items	Unit	% Taken	Yearly Estimated Qty.	Rate (Rs.)	Amount (Rs.)
1	15.1	Restoration of Raincuts/Bermas with soil moorum etc.(Qty=L*B*S*0.3%taken) X 1.25	Cum	6.00%	75.94	362.04	27,492.00
2	15.2	Making up of Bermas/shoulder stripping excess soil from the shoulder surfaces to achieve level etc. (Qty=L*B*S%taken) X 1.25	Sqm	10.00%	337.50	54.64	18,441.00
3	15.5	Repair of Pot holes filled with 75 mm WBM X 1.25	Sqm	0.00%	0.00	376.00	0.00
4	15.14(f)	Periodical Renewal to existing bituminous surface Surface Dressing 1st coat (Qty=L*B*S%taken) X 1.25	Sqm	0.00%	0.00	81.78	0.00
5	15.14(g)	Periodical Renewal to existing bituminous surface Surface Dressing 2nd coat (Qty=L*B*S%taken) X 1.25	Sqm	0.50%	28.13	70.59	1,985.00
6	15.6	Maintenance of Earthen Drains	M	-	0.00	-	0.00
7	15.7(a)	Maintenance of G.O Works (House Pipe Culvert)	No	-	3.00	1076.79	3,230.36
8	15.7(b)	Maintenance of G.O Works (slab Culvert)	No	-	0.00	1218.36	0.00
9	15.7(c)	Maintenance of Road Signs	Km	10.00%	0.15	1033.43	155.00
10	15.7(d)	Maintenance of Pedestrian and bus stops	Km	12.00%	0.18	576.14	103.60
11	15.12	Construction of new and other road drains	No	-	1.00	100.50	100.50
		Replacement of damaged road drains	No	-	1.00	6.17	6.17
		Repainting of guard rails and posts	Sqm	10.00%	10.00	2.06	20.60
12	15.13	Wholesaling of parapet walls of G.O work and free traffic	Sqm	-	64.00	15.89	1,013.00
Estimate For First Year Maintenance Work						Rs.	52,842.00

Sl. No.	SOR No.	Description of Items	Unit	% Taken	Yearly Estimated Qty.	Rate (Rs.)	Amount (Rs.)
1	15.1	Restoration of Raincuts/Berms with soil/moorum etc (Qty=L*Bs*0.3*%taken) X 1.25	Cum	10.80%	136.69	362.04	49,486.00
2	15.2	Making up of Berms/shoulder, stripping excess soil from the shoulder surfaces to achieve level etc. (Qty=L*Br*%taken) X 1.25	Sqm	18.00%	607.50	54.64	33,194.00
3	15.5	Repair of Pot holes filled with 75 mm WBM X 1.25	Cum	2.50%	140.63	376.00	52,875.00
4	15.14 (i)	Periodical Renewal to existing bituminous surface Surface dressing 1st coat (Qty=L*Br*%taken) X 1.25	Sqm	2.50%	140.63	81.78	11,500.00
5	15.14 (ii)	Periodical Renewal to existing bituminous surface Surface dressing 2nd coat (Qty=L*Br*%taken) X 1.25	Sqm	2.50%	140.63	70.59	9,927.00
6	15.6	Maintenance of Earthen Drains	M	-	0.00	2.47	0.00
7	15.7 (i)	Maintenance of C/D Works (Hume Pipe Culvert)	No.	-	3.00	1076.79	3,230.00
8	15.7 (ii)	Maintenance of C/D Works (Slab Culvert)	No.	-	0.00	2218.36	0.00
9	15.9	Maintenance of Road signs	Km	15.00%	0.23	1034.49	233.00
10	15.11	Maintenance of 200 m and km stones	Km	24.00%	0.36	556.14	200.00
11	15.12	(i) Cutting of branches of trees and shrubs	No.	-	3.00	100.50	302.00
		(ii) Cutting of shrubs from roadway	No.	-	12.00	6.17	74.00
		(iii) Trimming of grass and weeds	Sqm	37.50%	30.00	2.06	62.00
12	15.13	White washing of parapet walls of CD work and tree trunks	Sqm	-	63.00	15.89	1,001.00
Estimate For Fifth Year Maintenance Work						Rs.	1,62,084.00

Shadby
1-9-17

2.E

makumar
01.09.17
A.E.

11/9/17

कार्यपालक अभियन्ता
सहयोग कार्य विभाग
कार्य प्रबंधक, सी-बाद-1