

Borrow to Kal Sohla  
(MMSY-S)

**Measurement Book**

1615

Schedule XLV-Form No. 134

*Barise'*

DIVISION

*Answers*

SUB-DIVISION

58-SBD/2018-19

*Alam Construction*

1st year preference

1

Name of Work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement -

(These four lines should be repeated at the commencement of the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Named work - Maint of Rd from Basalt to Kali salt.					
Agency - Alam Construction					
Agreement No - 58 SBP / 2018-19					
Date of commencement - 30/01/2019					
Actual Date of completion - 30/06/2022					
Record Entry					
(1) Restoration of embankments					

banks with soil, morrum					
3x 7.50M x 0.80M x 0.30M =				5.40 M <sup>3</sup>	
3x 8.50M x 0.70M x 0.30M =				5.04 M <sup>3</sup>	
2x 9.50M x 0.90M x 0.30M =				5.13 M <sup>3</sup>	
3x 7.40M x 0.85M x 0.30M =				5.36 M <sup>3</sup>	
3x 6.50M x 0.80M x 0.30M =				4.97 M <sup>3</sup>	
2x 13.50M x 0.10M x 0.30M =				5.67 M <sup>3</sup>	
4x 6.00M x 0.850M x 0.30M =				6.12 M <sup>3</sup>	
3x 10.50M x 0.750M x 0.30M =				7.09 M <sup>3</sup>	
3x 9.00M x 0.90M x 0.30M =				7.29 M <sup>3</sup>	
5x 5.50M x 0.80M x 0.30M =				8.60 M <sup>3</sup>	
3x 8.50M x 0.950M x 0.30M =				7.27 M <sup>3</sup>	
3x 7.50M x 0.950M x 0.30M =				6.61 M <sup>3</sup>	
4x 4.50M x 0.850M x 0.30M =				4.59 M <sup>3</sup>	

C/0 76.94 M<sup>3</sup>

Continuation

Sch. XLV-Form No. 134 2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BIF	76.94 m <sup>2</sup>
	3x6.50	10.00	0.80	0.10	4.68 m <sup>2</sup>
	3x5.00	10.00	0.85	0.10	3.83 m <sup>2</sup>
	2x10.00	10.00	0.80	0.10	4.20 m <sup>2</sup>
				Totals	89.65 m <sup>2</sup>
				Lining	89.61 m <sup>2</sup>

(1) Making up of beams  
shoulder stripping excess

soil from the shoulders.

3x	17.00	10.00	0.80	0.10	40.80 m <sup>2</sup>
3x	19.00	10.00	0.75	0.10	39.90 m <sup>2</sup>
4x	16.00	10.00	0.75	0.10	42.00 m <sup>2</sup>
3x	13.50	10.00	0.95	0.10	38.45 m <sup>2</sup>
3x	12.00	10.00	0.90	0.10	32.40 m <sup>2</sup>
4x	11.00	10.00	0.85	0.10	37.10 m <sup>2</sup>
3x	11.00	10.00	0.70	0.10	34.10 m <sup>2</sup>
2x	29.00	10.00	0.90	0.10	52.12 m <sup>2</sup>
3x	15.00	10.00	0.85	0.10	38.25 m <sup>2</sup>
4x	10.00	10.00	0.95	0.10	38.00 m <sup>2</sup>
3x	24.00	10.00	0.75	0.10	54.10 m <sup>2</sup>
3x	16.50	10.00	0.85	0.10	39.60 m <sup>2</sup>
2x	26.00	10.00	0.80	0.10	41.60 m <sup>2</sup>
2x	22.00	10.00	0.75	0.10	33.40 m <sup>2</sup>
3x	11.50	10.00	0.70	0.10	24.15 m <sup>2</sup>
2x	15.00	10.00	0.95	0.10	28.50 m <sup>2</sup>

Totals, 62.38 m<sup>2</sup>

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/5) Patch repair over bottoming out surface with 20mm 1/4" to soil surfacing.					
2x	2.25m	1.05m	0.5		4.73m <sup>2</sup>
2x	1.90m	1.25m	0.5		4.75m <sup>2</sup>
1x	2.90m	1.35m	0.5		3.92m <sup>2</sup>
1x	3.25m	1.20m	0.5		3.90m <sup>2</sup>
1x	3.25m	1.15m	0.5		4.21m <sup>2</sup>
1x	2.00m	1.45m	0.5		2.90m <sup>2</sup>
1x	2.75m	1.55m	0.5		4.26m <sup>2</sup>
1x	2.50m	1.30m	0.5		3.25m <sup>2</sup>
1x	3.50m	1.45m	0.5		5.08m <sup>2</sup>
1x	3.65m	1.20m	0.5		4.38m <sup>2</sup>
					Total Area 41.48m <sup>2</sup>
(4/5) Maintenance of H.P. culvert.					
					3.00 Nos.
(5/5) Maintenance of Road sign ————— 0.122 KM					
(6/5) Maintenance of 20M and KM sign ————— 0.27 KM					
(7/5) Cutting of branches of trees and shrubs ————— 4.00 Nos.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) <del>Area of cottages houses</del> <del>from Roderick, 18m²</del>					
(3) <del>Area of grass</del> <del>only wood.</del>					
	1x	1.50m	1.1001m		1.65m²
	1x	1.50m	0.8001m		1.20m²
	1x	1.50m	1.0001m		1.50m²
	1x	1.50m	0.9001m		1.35m²
	1x	1.50m	0.7001m		1.05m²
	1x	1.50m	0.9001m		1.35m²
					Total Pq., 8.10m²
<del>Area of walls of 12 rooms</del>					
<del>area of 12 rooms</del>					
	3x2x 6.2001m	1.5001m			59.52m²
	3x4x 0.6001m	0.6001m			2.88m²
					Total Pq., 62.40m²
					Total Pq., 62.40m²
					Mr. Phamka
					51.6123
					J.D.
					P.D.

Continuation

1st year Maintenance

Sch. XLV-Form No. 134 Abstract of cost

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of roads - Main of Rd - 800m Basant to Kal Satis.					
Agency - Aham Construction.					
Agreement No - 58 SRD/2018-19					
Date of Commencement - 30/01/2019					
Actual Date of Completion -					
(1) Restoration of berms berms with soil, moorum, 89.6 m <sup>3</sup> DIV. T.M.B.P. 1 S1- 1/2 @ Rs. 359.74/m <sup>3</sup> Rs. 32236.00					
(2) Making up of berms shoulder stripping excess soil, from the shoulders. 628.38 m <sup>2</sup> DIV. T.M.B.P. 2 S1- 2/2 @ Rs. 53.67/m <sup>2</sup> Rs. 33523.00					
(3) Patch repair over bty- minorous surfaces (2019) Min. Sec. surfaces 41.48 m <sup>2</sup> DIV. T.M.B.P. 3 S1- 3/5 @ Rs. 216.18 /m <sup>2</sup> Rs. 8968.00					
(4) Maintenance of H.P. Culverts 300 Nos DIV. T.M.B.P. 2 S1- 4 @ Rs. 1104.35/each Rs. 3313.00					
(5) Maintenance of Road sign 0.22 KPH DIV. T.M.B.P. 3 S1- 5/9 @ Rs. 1067.44/KPH Rs. 2351.00					
(6) Maintenance of road sign					

Continuation  
C.R.S

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

K4 stone.

0.27 RH QIV.TM.B.P-3 SI-6/10

@Rs. 572.93 / K4 Rs 155.00

(7) cutting of branches of

trees and shrubs.

4.00 Nos QIV.TM.B.P-3 SI-7/11

@Rs 106.98/each Rs 418.00

(8) cutting of shrubs from

Roadway

18.00 Nos QIV.TM.B.P-4 SI-8/11

@Rs 6.42 /each Rs 115.00

(9) trimming of grass and

weeds

8.10 m<sup>2</sup> QIV.TM.B.P-4 SI-9/11@Rs. 2.14/m<sup>2</sup> Rs. 17.00

(10) white washing of walls/roofs

walls of LD work.

62.40 m<sup>2</sup> QIV.TM.B.P-4 SI-10/12@Rs. 16.15/m<sup>2</sup> Rs. 1008.00

Total Rs. 80,900.00

		dr	strands
			5.6.23
		151613	J.E
			WS

Land Survey Performance

SFA XI Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	A.	B.	
Address and name of Ad. Surveyor				
Date of Actual Survey				
Agency, Alay, Name of Surveyor				
Agreement No. = 58560/2018-19				
Date of Commencement = 20/01/2019				
Actual Date of Completion =				
Received Before				
<u>(D) Registration of boundaries</u>				
Registration No. / Date				
Area of North East Sector	8.91 M <sup>2</sup>			
Area of South Sector	5.99 M <sup>2</sup>			
Area of West Sector	5.88 M <sup>2</sup>			
Area of North West Sector	6.84 M <sup>2</sup>			
Area of South West Sector	6.38 M <sup>2</sup>			
Area of East Sector	5.40 M <sup>2</sup>			
Area of North East Sector	5.46 M <sup>2</sup>			
Area of North West Sector	7.80 M <sup>2</sup>			
Area of South East Sector	6.44 M <sup>2</sup>			
Area of South West Sector	6.12 M <sup>2</sup>			
Area of North East Sector	7.56 M <sup>2</sup>			
Area of North West Sector	7.20 M <sup>2</sup>			
Area of South East Sector	6.41 M <sup>2</sup>			
Area of South West Sector	6.72 M <sup>2</sup>			
Area of North East Sector	6.30 M <sup>2</sup>			
Area of South East Sector	9.00 M <sup>2</sup>			
Total Area	108.41 M <sup>2</sup>			
Continuation of page No. 107/53 M <sup>2</sup>				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(P) Making up of corner chardes withing excess soff from the shoulders.					
	3x	11.40	1.050 ft		34.65 M <sup>2</sup>
	3x	12.40	1.050 ft		37.18 M <sup>2</sup>
	4x	9.50	1.050 ft		38.00 M <sup>2</sup>
	3x	10.00	1.150 ft		34.50 M <sup>2</sup>
	2x	16.00	1.000 ft		35.20 M <sup>2</sup>
	3x	8.50	1.200 ft		30.60 M <sup>2</sup>
	2x	19.00	1.050 ft		39.90 M <sup>2</sup>
	3x	12.50	0.800 ft		30.60 M <sup>2</sup>
	3x	15.00	0.900 ft		40.50 M <sup>2</sup>
	2x	20.00	0.850 ft		34.00 M <sup>2</sup>
	3x	17.00	0.700 ft		35.70 M <sup>2</sup>
	2x	22.00	0.730 ft		33.60 M <sup>2</sup>
	2x	17.50	0.900 ft		31.50 M <sup>2</sup>
	3x	7.00	1.050 ft		26.25 M <sup>2</sup>
	3x	13.00	1.150 ft		44.85 M <sup>2</sup>
	2x	24.00	0.700 ft		33.60 M <sup>2</sup>
	2x	23.00	0.830 ft		38.25 M <sup>2</sup>
	2x	27.00	0.800 ft		43.20 M <sup>2</sup>
	2x	18.00	1.150 ft		41.40 M <sup>2</sup>
	2x	19.00	1.000 ft		38.00 M <sup>2</sup>
	3x	10.50	0.900 ft		28.35 M <sup>2</sup>
				Total Area	749.25 M <sup>2</sup>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/5) Patch repair work done by road					
on surface with 10 mm Min					
Cool Surface.					
2x 1.90 m x 1.20 m	4.58 m <sup>2</sup>				
3m 1.25 m x 1.20 m	4.50 m <sup>2</sup>				
2x 2.25 m x 1.05 m	4.73 m <sup>2</sup>				
2x 2.50 m x 1.10 m	5.50 m <sup>2</sup>				
1x 3.50 m x 1.50 m	5.25 m <sup>2</sup>				
2x 2.60 m x 1.45 m	5.80 m <sup>2</sup>				
1x 3.75 m x 1.60 m	5.25 m <sup>2</sup>				
1x 3.00 m x 1.35 m	4.05 m <sup>2</sup>				
2x 1.75 m x 1.30 m	4.55 m <sup>2</sup>				
2x 1.50 m x 1.45 m	4.35 m <sup>2</sup>				
1x 2.90 m x 1.30 m	3.77 m <sup>2</sup>				
1x 3.25 m x 1.55 m	5.04 m <sup>2</sup>				
1x 2.75 m x 1.60 m	4.60 m <sup>2</sup>				
2x 1.75 m x 1.50 m	5.25 m <sup>2</sup>				
2x 2.25 m x 1.15 m	5.18 m <sup>2</sup>				
1x 3.50 m x 1.45 m	5.08 m <sup>2</sup>				
1x 3.90 m x 1.55 m	6.04 m <sup>2</sup>				
Total Area	82.97 m <sup>2</sup>				
(4/7) Maintenance of A.P.					
Culvert	3.10 m <sup>2</sup>				
(5/9) Maintenance of Road					
sign	0.27 km				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) Maintenance of embankment					
K4 stone -				0.33 K4	
(9) Cutting of branches of trees and shrubs -					5.00 M <sup>2</sup>
(10) Cutting of shrubs from roadway -					23.00 M <sup>2</sup>
(11) Trimming of grass and terrace.					
M 1.50 M x 1.05 M =					1.58 M <sup>2</sup>
1x 1.50 M x 1.20 M =					1.80 M <sup>2</sup>
1x 1.50 M x 1.10 M =					1.65 M <sup>2</sup>
1x 1.50 M x 0.90 M =					1.35 M <sup>2</sup>
1x 1.50 M x 1.40 M =					1.50 M <sup>2</sup>
1x 1.50 M x 0.70 M =					1.05 M <sup>2</sup>
1x 1.50 M x 0.80 M =					1.20 M <sup>2</sup>
Total 104 M <sup>2</sup> , 10.13 M <sup>2</sup>					
(12) Left side washing of terrace					
widths of 1D work.					
3x2x 6.20 M x 1.60 M =					59.52 M <sup>2</sup>
3x4x 0.400 M x 0.600 M =					2.88 M <sup>2</sup>
Total 104 M <sup>2</sup> , 62.40 M <sup>2</sup>					
					Thanks
					7.6124 J.E.

Continuation

2019/2020 Maintenance  
Abstract of Cost

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Maint. of Road from Basantpur to Kolabati.					
Agency - Almora Construction.					
Agreement No - 585BD/2018-19.					
Date of Commencement - 30/01/2019					
Actual Date of Completion.					
(1) Restoration of gullies					
Beams with soil, wood etc					
107.53 m <sup>3</sup> @ Rs. 359/- m <sup>3</sup>					
@ Rs. 359/- m <sup>3</sup> Rs. 38683.00					
(2) Making up of beams/ shoulder striping excess					
Soil from the shoulder					
749.25 m <sup>2</sup> @ Rs. 53.69/m <sup>2</sup>					
@ Rs. 53.69/m <sup>2</sup> Rs. 40227.00					
(3) Patch repair over bitumenous surface with 20MM					
Mix soil surfacing					
82.97 m <sup>2</sup> @ Rs. 216.18/m <sup>2</sup>					
@ Rs. 216.18/m <sup>2</sup> Rs. 17936.00					
(4) Maintenance of H.P. Culvert					
3.00 Nos @ Rs. 1104.35/each					
@ Rs. 1104.35/each Rs. 3313.00					
(5) Maintenance of Road signs					
0.27 km @ Rs. 1067.44/km					
@ Rs. 1067.44/km Rs. 288.00					
(6) Maintenance of compound					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
KR sfonr.					
0.33 KR Q.V.T.M.B.P. 12 S1.8 @ Rs. 522.00 / KR Rs					
(T) (i) Cutting of branches of trees and shrubs					189.00
5.00 Nos Q.V.T.M.B.P. 12 S1.7 (1) @ Rs. 104.48 / each Rs					522.00
(T) (ii) Cutting of shrubs from road/corridor.					
23.00 Nos Q.V.T.M.B.P. 12 S1.7 (1) @ Rs. 6.42 / each Rs					148.00
(T) (iii) Trimming of grass and weeds.					

10.13 m <sup>2</sup> Q.V.T.M.B.P. 12 S1.7 (1)	@ Rs. 2.14 / m <sup>2</sup>	Rs. 22.00
(T) (i) white washing of perimeter walls of compound.		
62.40 m <sup>2</sup> Q.V.T.M.B.P. 12 S1.7 (1) @ Rs. 16.15 / m <sup>2</sup>		Rs. 1008.00

Total Rs. 103398.00

J. Shambles  
T. G. H. S. P.  
S. E.