

चौसा रामगढ़ रोड में निकरौल

New Maint. Policy
- 2018

Schedule XLV-Form No. 134

वक्सा

DIVISION

चौसा

SUB-DIVISION

Measurement Book

1510

सर्वेक्षक- श्री. गौरीधर कुमार सिंह

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Part on A/c Bill</u>					
<u>Name of Work:- Const. of road from Chausa-</u>					
<u>Ramgash road to Sikrauli under</u>					
<u>MR(3054) New Maint. Policy, 2018.</u>					
<u>Agency:- Smt. Shailesh Singh</u>					
<u>Village - Baleshar, P.O. - Aulahiya</u>					
<u>Dist - Buxar, Pin - 8021</u>					
<u>Agreement No. 26 MBD of 2020-21</u>					
<u>Date of Work Order:- 08-09-2020</u>					
<u>Time of Completion 9 months (07.05.2021)</u>					
<u>Agreement Cost - Rs. 16.94 lakh</u>					
<u>Agreement value of Mat. Cost - Rs. 7.73 lakh</u>					
<u>Total Agreement Value Rs. 24.73 lakh</u>					
<u>Terms of Work</u>					
① Clearing and grubbing good land including					
uprooting wild vegetation, grass, bushes,					
shrubs and disposal of unserviceable					
materials with all complete job.					
2 x 734.00 m x 1.00 m =					1468.00 m ²
					0.15 Hect.
② Providing and fixing of typical mm G.S.					
informatory sign board and maintenance					
board with 'DOGO' as per specifications = 2.00 Nos.					

2
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ Cont. of subgrade and earthen shoulder for making rain cuts in the flank with approved material obtained from local pits with all lifts and leads as per specification.					
	2x24x30.00m	1.00m	0.15m		216.00m ³
	2x14.00m	1.00m	0.15m		4.20m ³
					Qty = 220.20m ³
④ Cont. of granular sub-base layer providing well graded II material with all Compl. etc.					
	1x5.00m	1.00m	0.150m		1.35m ³
	1x5.00m	2.150m	0.150m		1.58m ³
	1x5.00m	2.30m	0.150m		1.73m ³
	1x4.00m	1.50m	0.150m		0.90m ³
	1x4.00m	2.80m	0.150m		1.68m ³
	1x5.00m	1.50m	0.150m		1.13m ³
	1x5.00m	2.50m	0.150m		1.88m ³
					Qty = 10.25m ³
⑤ Providing, laying, & spreading and compacting stone aggregates of W.B.M. Grading - 2 with crushable screening with all Compl. etc.					
	1x5.00m	2.00m	0.075m		0.75m ³
	1x5.00m	2.30m	0.075m		0.86m ³
	1x5.00m	2.50m	0.075m		0.94m ³
	1x4.00m	1.70m	0.075m		0.51m ³
	1x4.00m	2.30m	0.075m		0.87m ³
	1x5.00m	1.70m	0.075m		0.64m ³
	1x5.00m	2.70m	0.075m		1.01m ³
	1x6.00m	2.80m	0.075m		1.26m ³
					Qty = 6.84m ³

90-111 6.84m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F	6.84 m ³
1x6.00m x 2.70m x 0.075m					1.22 m ³
1x6.00m x 1.60m x 0.075m					0.72 m ³
1x5.00m x 2.00m x 0.075m					0.75 m ³
1x6.00m x 2.10m x 0.075m					0.95 m ³
1x5.00m x 2.30m x 0.075m					0.86 m ³
1x5.00m x 2.10m x 0.075m					0.79 m ³
1x5.00m x 1.40m x 0.075m					0.53 m ³
				Qty =	12.66 m ³

⑥ Boulder, laying, spreading and compacting
Stone aggregates of W.B.M. Road-3 with
stone generally with all complete side.

1x5.00m x 2.25m x 0.075m					0.84 m ³
1x5.00m x 2.55m x 0.075m					0.96 m ³
1x5.00m x 2.75m x 0.075m					1.03 m ³
1x4.00m x 1.95m x 0.075m					0.59 m ³
1x4.00m x 2.80m x 0.075m					0.84 m ³
1x5.00m x 1.95m x 0.075m					0.73 m ³
1x5.00m x 2.95m x 0.075m					1.11 m ³
1x6.00m x 1.90m x 0.075m					0.86 m ³
1x6.00m x 2.95m x 0.075m					1.33 m ³
1x6.00m x 1.85m x 0.075m					0.83 m ³
1x5.00m x 2.25m x 0.075m					0.84 m ³
1x6.00m x 2.35m x 0.075m					1.06 m ³
1x5.00m x 2.55m x 0.075m					0.96 m ³
1x5.00m x 2.35m x 0.075m					0.88 m ³
1x5.00m x 1.65m x 0.075m					0.62 m ³
1x8.00m x 2.60m x 0.075m					1.56 m ³
1x7.00m x 2.40m x 0.075m					1.26 m ³
				C/O - Qty =	16.30 m ³

Continuation

4
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F	16.30 m ²
1x6.00 m x	2.60 m	x	0.075 m		1.17 m ³
1x6.00 m x	1.80 m	x	0.075 m		0.81 m ³
1x7.00 m x	1.80 m	x	0.075 m		0.95 m ³
1x5.00 m x	1.60 m	x	0.075 m		0.60 m ³
1x5.00 m x	2.40 m	x	0.075 m		0.90 m ³
1x5.00 m x	2.60 m	x	0.075 m		0.98 m ³
1x5.00 m x	1.65 m	x	0.075 m		0.62 m ³
1x6.00 m x	2.65 m	x	0.075 m		1.19 m ³
1x5.00 m x	2.40 m	x	0.075 m		0.90 m ³
				Qty	24.42 m ³

⑦ Bonding and applying polymer coat with					
bitumen emulsion (SS ₂) for patch repair					
1x5.00 m x	2.25 m				11.25 m ²
1x5.00 m x	2.55 m				12.75 m ²
1x5.00 m x	2.75 m				13.75 m ²
1x4.00 m x	1.95 m				7.80 m ²
1x4.00 m x	2.80 m				11.20 m ²
1x5.00 m x	1.95 m				9.75 m ²
1x5.00 m x	2.95 m				14.75 m ²
1x6.00 m x	1.90 m				11.40 m ²
1x6.00 m x	2.95 m				17.70 m ²
1x6.00 m x	1.85 m				11.10 m ²
1x5.00 m x	2.25 m				11.25 m ²
1x6.00 m x	2.35 m				14.10 m ²
Continuation					
1x5.00 m x	2.55 m				12.75 m ²
1x5.00 m x	2.35 m				11.75 m ²
1x5.00 m x	1.65 m				8.25 m ²
C/O-Qty					179.55 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F	179.55 m ²
1x 8.00 m x 2.60 m					20.80 m ²
1x 7.00 m x 2.40 m					16.80 m ²
1x 6.00 m x 2.60 m					15.60 m ²
1x 6.00 m x 1.80 m					10.80 m ²
1x 7.00 m x 1.80 m					12.60 m ²
1x 5.00 m x 1.60 m					8.00 m ²
1x 5.00 m x 2.40 m					12.00 m ²
1x 5.00 m x 2.60 m					13.00 m ²
1x 5.00 m x 1.65 m					8.25 m ²
1x 6.00 m x 2.65 m					15.90 m ²
1x 5.00 m x 2.40 m					12.00 m ²

Qty = 325.30 m²

⑧) Powder, laying and rolling of patch work over W.B.M. using mix seal surface bituminous with all complete gale.

1x 5.00 m x 2.25 m					11.25 m ²
1x 5.00 m x 2.55 m					12.75 m ²
1x 5.00 m x 2.75 m					13.75 m ²
1x 4.00 m x 1.95 m					7.80 m ²
1x 4.00 m x 2.80 m					11.20 m ²
1x 5.00 m x 1.95 m					9.75 m ²
1x 5.00 m x 2.95 m					14.75 m ²
1x 6.00 m x 1.90 m					11.40 m ²

Continuation

C/O Qty = 92.65 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F	92.65 m ²
1x6.00 m x 2.95 m					17.70 m ²
1x6.00 m x 1.85 m					11.10 m ²
1x5.00 m x 2.25 m					11.25 m ²
1x6.00 m x 2.35 m					14.10 m ²
1x5.00 m x 2.55 m					12.75 m ²
1x5.00 m x 2.35 m					11.75 m ²
1x5.00 m x 1.65 m					8.25 m ²
1x8.00 m x 2.60 m					20.80 m ²
1x7.00 m x 2.40 m					16.80 m ²
1x6.00 m x 2.60 m					15.60 m ²
1x6.00 m x 1.80 m					10.80 m ²
1x7.00 m x 1.80 m					12.60 m ²
1x5.00 m x 1.60 m					8.00 m ²
1x5.00 m x 2.40 m					12.00 m ²
1x5.00 m x 2.60 m					13.00 m ²
1x5.00 m x 1.65 m					8.25 m ²
1x6.00 m x 2.65 m					15.90 m ²
1x5.00 m x 2.40 m					12.00 m ²
				Qty =	325.30 m ²

⑨ Bonding and applying tack coat with
best quality emulsion (RS₁) with all components.

1x6.00 m x $\left(\frac{6.50 + 5.50}{2}\right)$ m					36.00 m ²
1x8.00 m x $\left(\frac{5.50 + 3.75}{2}\right)$ m					37.00 m ²
20x30.00 m x 3.75 m					2250.00 m ²
1x30.00 m x $\left(\frac{3.75 + 4.50 + 3.75}{3}\right)$ m					120.00 m ²
3x30.00 m x 3.75 m					337.50 m ²

Continuation

Qty = 2780.50 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Providing, laying and rolling of semi-dense Bituminous Concrete (S.D.B.C.) with bituminous binders (Sg) @ 4.5 to 5%, with de-la-all complete gale.					
1x6.00m x $\frac{(6.50+5.50)}{2}$ m x 0.025m					0.90m ³
1x8.00m x $\frac{(5.50+3.75)}{2}$ m x 0.025m					0.93m ³
2x30.00m x 3.75m x 0.025m					56.25m ³
1x30.00m x $\frac{(3.75+4.50+3.75)}{3}$ m x 0.025m					3.00m ³
3x30.00m x 3.75m x 0.025m					8.44m ³
					Qty = 69.52m ³
(11) Providing and fixing of km and 200m stones with de-la-all complete gale.					
(i) Km stones					1.00 Nos.
(ii) 200m stones					4.00 Nos.
(12) Providing and erecting direction and place identification retro-reflective signs as per specification with all complete gale.					
2x1.20m x 0.80m					1.92m ²
(13) Providing and fixing of retro-reflective Cautionary, mandatory and informative traffic signs as per specifications with all complete gale.					
(i) 600mm equilateral triangle sign					1.00 Nos.
(ii) 600mm Circular sign					2.00 Nos.
(iii) 600mm x 450mm rectangular sign					1.00 Nos.
(14) Painting new letters and figures with synthetic enamel paints as per specification					
2x176.00					352.00

Continuation

M. Basak
17.10.2020

J. E. Chandra

[illegible]

ABSTRACT OF COST

- ① clearing and grubbing road land

vide T.M.B. page No. 1.

Qty. 0.15 Heat @ Rs 51101 = 12 / Heat. — Rs 7665 = 00

- ② Bonding and fixing of Mn²⁺ information

Sign board and Mark Board with Logo

as per specific cation with all complete

vide T.M.B. Page No. 1

Qty.	2,00 Nos	@ Rs. 9805 = 64	each	Rs. 19,611 =
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- ③ Const of subgrade and earth on shoulders

With approved material obtained from a reliable

Under T.M. R. Post No. 2

Qty, 220.20 m³ @ Rs. 189 = 41 m³ — Rs. 41708=

- ④ Control Gr. C.B. by providing well graded material

vide T.M.B. Page No. 2

Continuation

Qty 10.25 m³ @ Rs. 2653 = 40 m³ — Rs. 27,197 = 00

Co-Re.	96,181=00
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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F	Rs. 96,181=
⑤ Providing, laying, spreading and compacting of stone aggregates W.B.M. Grading-2 vide T.M.B. Page No. 3.					
Qty. 12.66 m ³ @ Rs. 4896 = 16/m ³				Rs.	61,989=
⑥ Providing, laying, spreading and compacting of stone aggregates W.B.M. Grading-3 vide T.M.B. Page No. 4.					
Qty. 24.42 m ³ @ Rs. 4511 = 86/m ³				Rs.	1,10,180=
⑦ Providing and applying primer coat with bitumen emulsion (SS ₁) for patch repair vide T.M.B. Page No. 5.					
Qty. 325.30 m ² @ Rs. 45 = 12/m ²				Rs.	14,678=
⑧ Providing, laying and rolling of patch work over W.B.M. using mix seal surface vide T.M.B. Page No. 6.					
Qty. 325.30 m ² @ Rs. 225 = 31/m ²				Rs.	73,293=
⑨ Providing and applying tack coat with bitumen emulsion (RS ₁) on prepared surface vide T.M.B. Page No. 6.					
Qty. 2780.50 m ² @ Rs. 15 = 34/m ²				Rs.	42,653=
⑩ Providing, laying and rolling of 25mm thick S.D.B.C. with @ 4.5 to 5% bitumen binder vide T.M.B. Page No. 7.					
Qty. 69.52 m ³ @ Rs. 11495 = 40/m ³				Rs.	7,99,160=
				C/O - Rs.	11,98,134=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				R/F	Rs. 11,98,134=00
(11) Providing and fixing of km and 200m stakes. vide T.M.B. Page No. 7.					
1.00 No. Km stone @ Rs. 2378 = 27 each					Rs. 2378=00
4.00 Nos 200m stakes @ Rs. 632 = 31 each					Rs. 2,529=00
(12) Providing and erecting direction and place Identified retro-reflectORIZED signs. vide T.M.B. Page No. 7.					
Qty. 1.92 m ² @ Rs. 12407 = 20/m ²					Rs. 23,822=00
(13) Providing and fixing of retro-reflectORIZED cautionary, mandatory and informative traffic signs as per specification. vide T.M.B. Page No. 7.					
4.00 Nos 600mm equilateral triangle @ Rs. 3693 = 58 each					Rs. 14774=00
2.00 Nos 600mm circular @ Rs. 3823 = 17 each					Rs. 7646=00
1.00 Nos 600mm x 450mm rectangular @ Rs. 3694 = 05 each					Rs. 3694=00
(14) Painting new letters and figures with synthetic enamel paint as per specification vide T.M.B. Page No. 7.					
Qty. 352.00 @ Rs. 053 each					Rs. 187=00
				Total	Rs. 12,53,164=00
Add 1% Labour less				(+)	Rs. 12,532=00
Add 12% G.S.T.				(+)	Rs. 1,50,380=00
				Total	Rs. 14,16,076=00
M. Waseed 17.10.2020 I.E. Chaudhary					

Continuation