

Block - Belband.

Schedule XLV-Form No. 134

ଶ୍ରୀମତୀ MR3054 ପ୍ରକାଶନୀୟା ପଦ୍ଧତିରୁ ଉତ୍ପାଦିତ ହେଉଥିବା ଏକ
ମିଶ୍ରିତ ଶ୍ରମ ସାମଗ୍ରୀର ପାକେଜ ନଂ. MR:11/2019-
20 Belband/04, ଉପର MR3054 ଶେମା

(Agreement No. 133 MBD/2020-21)

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

Smt. Sunita Devi.

442

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.	
			Final Bill		
	1st order				
Name of work	Construction of Road				
	from Pachnour Ghadwa Tola To				
	Middle School Ganeshpur.				
Agency	Smt - Sunita Devi				
Agreement No.	133MBD/2020-2021				
Package No.	MR-N/2019-20 Beland				
	104 Under M/R 3054 Scheme				
Date of start	25.03.2021				
Date of completion	24.12.2021				
Record of Measurement	2-15.11.21				
Date of Measurement	2-15.11.21				
① Clearing and grubbing					
Road land do	do do do				
2x	1980m	1.0			3960 m ²
					= 0.40 Hect.
② Providing and laying G.S. B with					
stone materials do	do do do				
28x	2.55x	1.37x	0.175		17.11 m ³
37x	3.24x	1.55x	0.175		32.51 m ³
					= 49.62 m ³
Shiv	15/11/21	J.E			
			Shiv	15/11/21	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① P.V. and applying primer coat.					
do - - - do - - - E/I.					
$85 \times 3.75 \times 1.87 = 596.06 \text{ m}^2$					
$77 \times 3.72 \times 1.92 = 549.96 \text{ m}^2$					
$35 \times 3.10 \times 1.10 = 119.35 \text{ m}^2$					
					$= 1265.37 \text{ m}^2$
② $85 \times 3.75 \times 1.87 = 596.06 \text{ m}^2$					
$77 \times 3.72 \times 1.92 = 549.96 \text{ m}^2$					
$35 \times 3.10 \times 1.10 = 119.35 \text{ m}^2$					
gn p.c. surface :-					
$7 \times 2.5 \text{ m} \times 1.0 = 17.5 \text{ m}^2$					
					$= 1282.87 \text{ m}^2$
③ patch work over w.B.M. using Mix-seal surface. as per drawing and spec - - and dfr of E/I.					
$85 \times 3.75 \times 1.87 = 596.06 \text{ m}^2$					
$77 \times 3.72 \times 1.92 = 549.96 \text{ m}^2$					
$35 \times 3.10 \times 1.10 = 119.35 \text{ m}^2$					
gn p.c. surface :-					
$7 \times 2.5 \text{ m} \times 1.0 = 17.5 \text{ m}^2$					
					$= 1282.87 \text{ m}^2$
④ P.V. and applying tack-coat as per drawing - - - and - - specification and dfr of E/I.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Start point:-</u>					
7m x 3.0m + 4.40m					46.3m ²
3m x 4.40m + 3.75m					12.22m ²
12 x 30m x 3.75					1350m ²
18 x 30m x 3.75					2025m ²
17 x 30m x 3.75					1912.5m ²
14 x 30m x 3.75					1575m ²
4 x 30m x 3.75					450m ²
1 x 20m x 3.75					75m ²
					<u>7446.62m²</u>
					Limit = 7425m ²
<u>5/10 Semi-Dense Bituminous - - -</u>					
concrete. as - - - per - -					
do - - - do - - - E/I.					
SDBC 8+4 = 7425m ² x 0.025 =					185.63m ³
<u>6/11 Reinforced cement concrete</u>					
M15 K.M. Stone.					
1 x 3 =					3 Nos.
<u>7/12 (ii) 200mm Stone.</u>					
1 x 8 =					8 Nos.
<u>8/13 Providing and fixing of</u>					
retro-reflected informatory					
sign-board.					
1 x 10 =					10 Nos.
<u>9/14 600mm Circular.</u>					
1 x 5 =					5 Nos.

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10/15) 60 mm x 450 mm rectangular					
1 x 10 = 10 Nos.					
(11/16) Reinforced cement concrete					
Mis stone.					
1 x 4 = 4 Nos.					
(12/18) Road marking with hot					
Applied thermoplastic compound.					
do - - - - do - - - - E/I					
2 x 1980 m x 0.10 = 396 m ²					
(13/19) P.V. and fixing of typical					
MMGSy informative sign-board.					
1 x 2 = 2 Nos.					
(14/20) Brick masonry work in cement					
mortar (1:3) in parapet. do - - - -					
do - - - - - E/I.					
2 x 6.0 m x 0.40 x 0.60 = 2.88 m ³					
(15/21) plastering with cement mortar (1:4)					
on brick in sub-structure. do - - -					
do - - - - E/I.					
Side face:- 4 x 6.0 x 0.60 = 14.40 m ²					
Top:- 2.0 x 6.0 x 0.40 = 4.80 m ²					
Front face:- 4.0 x 0.40 x 0.60 = 0.96 m ²					
= 20.16 m ²					
(16/22) Painting Two coats New concrete					
surface do - - - - do - - -					
- - - E/I.					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Side face 1-	4.0	4.0	0.60		$= 9.60 \text{ m}^2$
Top 1-	2.0	4.0	6.0		$= 48.0 \text{ m}^2$
Front face 1-	4.0	0.90	0.60		$= 0.96 \text{ m}^2$
					$= 58.56 \text{ m}^2$
(17/2) Construction of sub-grade and earthen shoulder with approved material do - - - - - do - - - - - E.I.					
L.H.S Side 1-					
1x	825	0.60	0.38		$= 188.1 \text{ m}^3$
1x	525	0.58	0.35		$= 106.57 \text{ m}^3$
1x	505	0.57	0.37		$= 106.50 \text{ m}^3$
1x	125	0.80	0.40		$= 30 \text{ m}^3$
					$= 431.17 \text{ m}^3$
R.H.S Side 1-					
1x	645	0.60	0.40		$= 154.8 \text{ m}^3$
1x	552	0.58	0.38		$= 121.46 \text{ m}^3$
1x	528	0.50	0.30		$= 79.2 \text{ m}^3$
1x	255	0.30	0.20		$= 15.3 \text{ m}^3$
					$= 370.76 \text{ m}^3$
L.H.S Side + R.H.S Side					$= 801.93 \text{ m}^3$
431.17 m ³ + 370.76 m ³					$= 801.93 \text{ m}^3$
$= 802.13 \text{ m}^3$					$= 802.13 \text{ m}^3$
Shiv 02/02/22 J.E.					
Sreenivas 02/02/22 AL					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Est</u>					
Name of work:-	Construction of Road				
from	pachhour Shadwa To 1st To				
Middle School Ganeshpur.					
Agency:-	Smt Sunita Devi.				
Agreement No:-	133 MBD/2020-21				
Package No:-	MR-N/2019-20 B&S and/or				
Under	M/R 3059 Scheme.				
Date of start:-	25.03.2021				
Date of completion:-	29.12.2021				
① Clearing and grubbing					
Road Land. do	do				G/I.
Qty. vide TMB P.N.	①				
Item No. -	① 0.90 Hect.				
@ 45956.70/Hect	Rs. 19,799700				
② Const. of Sub-grade					
and earthen shoulder. as					
per	do				E/I
Qty. vide TMB P.N.	②				
Item No. -	② 80 x 3 m				
@ 176.75/m ²	Rs. 141,59700				
③ P/V and laying G.S. 3mm m/s.					
Qty. vide TMB P.N.	③				
Item No. -	③ 99.67 m ³				
@ 2209.90/m ³	Rs. 2,09,90700				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Plv and laying w.B.M Gr-II					
material do				6/11	
Qty. vide TM B.P.N.				⑥2	
item N.	⑥4	47.34			
@ 3995.26/m ²				P ₁	131,725.20
⑤ Plv and laying w.B.M Gr-III					
With stone meter id.					
Qty. vide TM B.P.N.				⑥2	
item N.	⑥5	95.06			
@ 3685.75/m ²				P ₁	350,462.75
⑥ Plv and applying primer-coat					
Qty. vide TM B.P.N.				⑥3	
item N.	⑥6	1265.37			
@ 41.43/m ²				P ₁	52,424.20
⑦ Plv and applying tack-coat					
Qty. vide TM B.P.N.				⑥3	
item N.	⑥7	1282.87			
@ 14.05/m ²				P ₁	18,024.20
⑧ Patchover w.B.M using Mix-					
Seal-surface					
Qty. vide TM B.P.N.				⑥3	
item N.	⑥8	1282.87			
@ 205.66/m ²				P ₁	2,67,684.00
⑨ Plv and applying tack-coat					
Qty. vide TM B.P.N.				⑥4	
item N.	⑥9	7425			
@ 11.78/m ²				P ₁	87,467.00

C.O. Rs 12,33,840.00

12,33,840.00

Continuation

32,47,936:0

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) 600mm x 450mm rectangular					
Qty. vide TM B P.N.				(05)	
item N.	(15)	10.00 Nos			37197.60
@ 3719.66/each				P	29758.20
(16) Reinforced cement concrete					
Mis Stone.					
Qty. vide TM B P.N.				(05)	
item N.	(16)	4 Nos			
@ 519.95/each				P	2080.20
(17) Road marking with hot applied thermoplastic compound					
Qty. vide TM B P.N.				(05)	
item N.	(18)	396 m ²			2,91,218.00
@ 735.40/m ²				P	2,86,806.00
(18) Plv and fixing intermediary Sign-Board.					
Qty. vide TM B P.N.				(05)	
item N.	(18)	2.0 Nos			
@ 9527.18/each				P	19054.20
(19) Brick masonry work in cement mortar (1:4) in sub-structure					
Qty. vide TM B P.N.				(05)	
item N.	(20)	2.88 m ³			
@ 5266.93/m ³				P	15,163.20
					R1=26,09,659=00
					C.O. R1=26,09,659=00
					36,12,654=00

Continuation

B.F. $36,12,654 = 10$
 $36,09,659 = 10$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material Statement</u>					
① Earthwork:-					
802.52m ² @ 23.78				B	13024.70
② Stonematerial-24.5mm to 9.5mm					
17.367m ³ @ 550.85				B	3567.70
<u>Stonematerial-9.5mm to 2.36mm</u>					
12.405m ³ @ 411.33				B	5103.20
<u>Local sand:-</u>					
19.848m ³ @ 116.85				B	2319.20
③ Stonematerial-6.3mm to 4.5mm					
58.167m ³ @ 427.63				B	24877.70
<u>Mooxam/Gravel:-</u>					
14.062m ³ @ 395.52				B	9859.70
④ Stonematerial-53mm to 22.9mm					
115.339m ³ @ 458.22				P	52851.70
<u>Stone screening:-</u>					
22.819m ³ @ 395.52				B	7883.00
⑤ Emulsion SS-1			1.075 MT		
⑥ Emulsion RS-1			2.329 MT		
⑦ Bitumen Sg-1			23.858 MT		
⑧ Stonechips:-					
154.669m ³ @ 528.91				B	81808.70
<u>Stone chips 9.75mm below</u>					
111.250m ³ @ 200.45				P	22300.70
<u>Filler:-</u>					
5.926m ³ @ 355.38				B	19291.70
<u>Stone agg. 13.2mm to 0.075mm:-</u>					
34.637m ³ @ 470				P	16275.70
					2,66,221.00
Riv					

Shiv
02/02/22
J.E

Sub Engineer
02/02/22
ME

CSP
Kushwaha
5/3/22

memo of 1st R.A. Bill Payment

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① S.D. @ 8% —			3.26	818	= 10
② I.T. @ 1% —			40	852	= 10
③ C4ST @ 1% —			40	852	= 10
④ S4ST @ 1% —			40	852	= 10
⑤ L.C. @ 1% —			40	852	= 10
⑥ Royalty —			106	071	= 10
⑦ S.F. @ 10% —			37	229	= 10
Total paid —			6,33	526	= 10
By CFMS Amt —			37	51	698 = 10
Total Bill Amt —			40	85	224 = 10
passed for —			40	85	224 = 10
(Rs) Forty lakh Eighty five					

thousand two hundred twenty four only.)

5/3/22
Executive Engineer
R. W. D. Works Division
Balsand

5/03/22

Work has been completed as per specification.

8/5/22
25/05/22
J.C.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2nd and final Bill				
Name of work	Construction of Road				
	from Pachnour Ghadwa Tola to middle				
	School Ganeshpur.				
Agency	Smt - Sunita Devi				
Agreement No.	1335BD/2020-21				
Date of start	25.03.2021				
Date of completion	27.12.2021				
Actual Date of Measurement	02.02.2022				
	NIL				

Shiv
25/03/22
J.E

Abstract of cost

(1) Clearing and Grubbing				
Road land. do - - - do - - G/I.				
Qty. vide TMB P. N. - (07)				
item No. - (01) 0.40 Hect				
@ 49496.70/each - R 19,799=00				
(2) Construction of sub-grade				
and earthen shoulder with				
approved materials.				
Qty. vide TMB P. N. - (07)				
item No. - (02) 802-13m ³				
@ 176.75/m ³ - R 1,41,776=00				
(3) Plu and laying G.S.B materials.				
Qty. vide TMB P. N. - (07)				
item No. - (03) 49.01m ³				
@ 2204.90/m ³ - R 1,08,062=00				

Continuation

RS 22,69,637=00

C.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ P/V and laying w.B.M Gr-II with stone materials.					
Qty vide TMB P.N. —				⑥8	
Item No. —	⑥9	47.94m			
@ 3999.21/m ² —				P	1,91,72520
⑤ P/V and laying w.B.M Gr-III with Stone materials.					
Qty vide TMB P.N. —				⑥8	
Item No. —	⑥5	95.06m			
@ 3686.75/m ² —				P	3,50,46220
⑥ P/V and applying primer-coat					
Qty vide TMB P.N. —				⑥8	
Item No. —	⑥6	1265.37m ²			
@ 41.43/m ² —				P	52,424=00
⑦ P/V and applying tack-coat.					
Qty vide TMB P.N. —				⑥8	
Item No. —	⑥7	1282.87m ²			
@ 14.05/m ² —				P	18,024=00
⑧ Patchwork WBM using Mix-seal-surface.					
Qty vide TMB P.N. —				⑥8	
Item No. —	⑥8	1282.87m ²			
@ 208.66/m ² —				P	2,67,68920
⑨ P/V and applying tack-coat.					
Qty vide TMB P.N. —				⑥8	
Item No. —	⑥9	7425m ²			
@ 11.78/m ² —				P	87,467200

Continuation

C.O

PS = 12,37,42320

B.F 1237,423200

Continuation

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

Continuation

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C. b. $25 = 36,12,65420$

Continuation

B.P. 36.12, 654200

Continuation

Shiv
29103122
J.B