

Block- Belband.

Schedule XLV-Form No. 134

~~after~~ MR-3054-2/15/2020 ~~2/29/2020~~ ~~2/15/15~~ ~~2/29/2020~~
package No. MR-N/2019-20.
Belband/04, under MR-3054 Scheme.

Assessment No. 133 MBD/2020-21)

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

Smt. Sumita Devi

441

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.	
	133 MBD Bill				
Name of work	Construction of Road				
	from Sukhi Bazar To Kharkha Bandh.				
Agency	Smt Sunita Devi.				
Agreement No.	133 MBD/2020-2021				
Package No.	MR-N/2019-20 Beland/09				
	Under M/R 3054 Scheme.				
Date of start	25.03.2021				
Date of completion	24.12.2021				

Record Measurement					17.11.21
Date of Measurement					17.11.21
①	Clearing and Grubbing				---
	Road land				do --- do --- E/I.
2x	1200m	x	1.0	=	2400m ²
				=	0.24 Hect
②	P/V and laying G.S.B with stone				
	materials				do --- do --- E/I.
9x	3.5x	1.5x	0.175	=	8.26m ³
7x	2.75x	1.35x	0.175	=	4.54m ³
12x	3.15x	2.27x	0.175	=	15.01m ³
9x	3.10x	2.20x	0.175	=	10.74m ³
					238.55m ³

Shiv
 17/11/21
 J.E

Shiv
 17/11/21
 J.E

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L ₁	B ₁	D ₁	
Record Measurement					25.11.21
Date of Measurement					25.11.21
(1/5) Plv and laying w.c. m C. m					
Along materials do - - -					
do - - - - - E/I.					
227	3.50	1.20	0.075		13.74 m ³
277	2.50	1.25	0.075		6.87 m ³
177	3.75	1.50	0.075	2	7.17 m ³
				2	26.78 m ³
Shiv					
25/11/21					
S.E.					
Record Measurement					27.11.21
Date of Measurement					27.11.21

(1/5) Plv and laying w.c. m C. m					
With stone materials do - -					
do - - - - - E/I.					
557	3.95	2.20	0.075		35.84 m ³
477	2.50	1.10	0.075		3.68 m ³
					45.53 m ³
Shiv					
27/11/21					
S.E.					
Record Measurement					17.02.22
Date of Measurement					17.02.22
(1/6) Plv and applying primer - cont					
as per - - - - - drawing					
and specification of E/I.					

Continuation

do	---	do	---	E/I.
47	$\times 3.40$	$\times 1.95$	=	311.61m ²
45	$\times 3.50$	$\times 1.90$	=	299.25m ²
			=	610.86m ²
gn p.c surface :-				
7	$\times 2.50m$	$\times 1.0$	=	17.5m ²
			=	628.36m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10x	30m	3.75	= 112.5m ²		
14x	30m	3.75	= 157.5m ²		
15x	30m	3.75	= 168.75m ²		
1x	20m	3.75	= 75m ²		
			= 450g.37m ²		
			limit = 4500m ²		
(5/10) S.D.C. qty			= 4500m ² x 0.025 = 112.5m ³		
(6/11) K.m stone.					
	1x	2 =	2 Nos.		
(7/12) (ii) 200m stone.					
	1x	5 =	5 Nos.		
(8/13) Retro-reflectorised					

Traffic signs.					
	1x	5 =	5 Nos.		
(9/14) 600mm circular.					
	1x	4 =	4 Nos.		
(10/15) 600mm x 450mm rectangular					
	1x	3 =	3 Nos.		
(11/16) Boundary pillars.					
	1x	37 =	37 Nos.		
(12/18) Road marking with hot applied thermoplastic compound. - - -					
- - - do - - - do - E/L					
	2x	1200m x 0.10 =	240m ²		
(13/19) Plv and fixing logo board					
	1x	2 =	2 Nos.		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>14</u> <u>20</u> Brick masonry work in cement mortar					
(123) in Parapet. do - - - do - - -					
E/I.					
2x 6.0x 0.40 x 0.60 = 2.88m ³					
as for same 4 Nos culvert					
2.88m ³ x 4.0 = 11.52m ³					
<u>15</u> <u>21</u> Plastering with cement mortar					
(124) on brick work. do - - - do - - -					
E/I.					
Side face:- 4.0x 6.0x 0.60 = 14.40m ²					
Top:- 2.0x 6.0x 0.40 = 4.80m ²					
Front face:- 4.0x 0.40x 0.60 = 0.960m ²					

					= 20.16m ²
as for same 4 Nos culvert.					
20.16m ² x 4 Nos = 80.64m ²					
<u>16</u> <u>22</u> Painting Two-coats new concrete					
surface. do - - - do - - - G/I.					
Side face:- 4.0x 4.0x 0.60 = 9.60m ²					
Top:- 2.0x 4.0x 6.0 = 48.0m ²					
Front face:-					
4.0x 0.40x 0.60 = 0.960m ²					
					= 58.560m ²
as for same 4 Nos culvert.					
58.560m ² x 4 Nos culvert					
= 234.24m ²					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/2) Construction of Sub-grade and earthen shoulder with approved meter.					
114.05 - - - - - do - - - - - E.T.					
L.H.S side					
1x 700 x 0.60 x 0.90 =					168 m ³
1x 500 x 0.57 x 0.37 =					105.95 m ³
					= 273.95 m ³
R.H.S side					
1x 800 x 0.55 x 0.35 =					154 m ³
1x 900 x 0.58 x 0.30 =					63.6 m ³
					= 223.6 m ³
L.H.S side + R.H.S side					
273.95 m ³ + 223.6 m ³					

$$= 497.55 \text{ m}^3$$

$$497.05 \text{ m}^3$$

Shiv
17/02/22
J.E

Sumedh
17/02/22
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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Abstract of Cost</u>				
Name of Road?—	Construction of Road from				
	Pachmou Ghadwa Talat Middle School				
	Ganethpur Sukhi Bazar to Kharka Bandh				
Agency?—	Smt Sunita Devi				
Agreement No.—	133MBD/2020—2021				
Package No.—	MR—	N—2019—20			Beland/19
Under	M/R 359 Scheme				
Date of start?—	25.03.2021				
Date of completion?—	29.12.2021				

① clearing and grubbing				
Road Land. do --- do ---				E/H.
Qty. vide TMBP No. —	①			
item No. —	① 0.29 Hect			
@ 49496.70/Hect	P			11879200
② Construction of Sub-grade				
and earthen shoulder with				
approved materials.				
Qty. vide TMBP No. —	⑥			
item No. —	② 497.05 m ³			87,85400
@ 176.75/m ³	P			87,798400
③ P.V and G.S.B with stone materials.				
Qty. vide TMBP No. —	①			
item No. —	③ 38.55 m ³			86,56000
@ 2245.40/m ³	P			86,56000

C.O. Rs 2,27,05300
 Rs 2,86,18700
 Continuation 1,86,29300

1,86,293.00
B.C. 1,86,187.00
B.F. 2,33,122.00
B.F. 2,71,053.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Plv and laying W.B.M. Gr-II					
With stone materials do --- do					E/I.
Qty vide TM B.P.N. — (02)					
item No. — (09)		26.7 m ³			
@ 4085.56/m ³				P ₇	1,09,095.00
⑤ Plv and laying W.B.M. Gr-III					
With stone materials do ---					
do --- E/I.					
Qty vide TM B.P.N. — (02)					
item No. — (05)		95.53 m ³			1,71,329.00
@ 3763.00/m ³				P ₇	1,71,706.00
⑥ Plv and laying Primer coat					
do --- do --- E/I.					
Qty vide TM B.P.N. — (03)					
item No. — (06)		610.86 m ²			
@ 41.95/m ²				P ₇	25,320.00
⑦ Plv and applying tack coat					
Qty vide TM B.P.N. — (03)					
item No. — (07)		628.36 m ²			
@ 14.06/m ²				P ₇	8835.00
⑧ Patch work over W.B.M. using					
Mix - Seal - surface do ---					
do --- E/I.					
Qty vide TM B.P.N. — (03)					
item No. — (08)		628.36 m ²			
@ 210.13/m ²				P ₇	1,32,037.00
				P ₅	12,38,840.00

C.O. RS = 6,33,180.00

6,32,909.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Plv and applying J. and P. coat					
Qty. vide TM B P. N. — (09)					
item N. — (09) 9000 m ²					
@ 11.79 m ²				P ₁	52857
(10) Semi-Dense Bituminous					
Concrete. do — do — (6/1)					
Qty. vide TM B P. N. — (09)					
item N. — (10) 112.50 m ²					
@ 105.35.10/m ²				P ₁	11,85,133
(11) K. m. Stone					
Qty. vide TM B P. N. — (09)					
item N. — (11) 2.0 Nos					
@ 250.9.57/each				P ₁	5005200

(12) (i) 2.00 m Stone					
Qty. vide TM B P. N. — (09)					
item N. — 12(ii) 5.0 Nos					
@ 666.83/each				P ₁	3334700
(13) Retro-reflectoidised Traffic					
lights.					
Qty. vide TM B P. N. — (09)					
item N. — (13) 5.0 Nos					
@ 3757.63/each				P ₁	18788200
(14) 600mm circular					
Qty. vide TM B P. N. — (09)					
item N. — (14) 4 Nos					
@ 3856.98/each				P ₁	15428200

C. 8.82.32A.9353200

Continuation R.S. 19.12.993200

19,13,722000

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) 60mm x 95mm rectangular					
Qty. vide TMB P.N. — (04)					
item N. — (15) 3 Nos					
@ 3727.66/each				P ₃	11,183.700
(16) Boundary pillar.					
Qty. vide TMB P.N. — (04)					
item N. — (16) 37 Nos					
@ 521.92/each				P ₃	19,293.700
(17) Road markings with hot applied thermoplastic compound.					
Qty. vide TMB P.N. — (04)					
item N. — (18) 240 m ²					

@ 735.40/m ²				P ₃	1,76,496.00
(18) Plv and fixing Board.					
Qty. vide TMB P.N. — (04)					
item N. — (19) 2.0 Nos					
@ 9543.58/each				P ₃	19,087.200
(19) Brick masonry work in cement mortar do - do - E/I.					
Qty. vide TMB P.N. — (05)					
item N. — (20) 11.52 m ³					
@ 5266.93/m ³				P ₃	60,675.200
(20) Plastering with cement mortar					
Qty. vide TMB P.N. — (05)					
item N. — (21) 86.84 m ²					
@ 197.89/m ²				P ₃	15,997.200

C.O. RS = 36,09,659.00

RS = 22,16,729.00

Continuation

22,16,453.00

					22	38,253.00
			Total = 22,		39,129.20	00
			Less for 0.11% below —	(-)	29	63.00
				RS = 22,	36,790.00	
			Add 1% Labour cost (+) RS = 22,	369	= 00	
			Add 12% G.S.T — (+) RS = 2,	683	67 = 00	
				RS = 25,	27,427 = 00	
					25,27,121 = 00	
			Shiv			
			17/02/24			
			J.E			
			S. K. Mehta		C&P	
			17/02/24		(Rishabh)	
			MD		5/3/22	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material statement</u>					
① Earth work:-					
496.45m ³ @ 23.78				R	11806=00
② <u>Stone material - 26.5mm to 9.5mm:-</u>					
13.492m ³ @ 550.85				R	7432=00
③ <u>Stone material - 9.5mm to 2.36mm:-</u>					
9.637m ³ @ 411.33				R	3964=00
<u>Local Sand :-</u>					
15.42m ³ @ 116.85				R	1802=00
④ <u>Stone material - 63mm to 4.5mm</u>					
32.396m ³ @ 427.69				R	13855=00
<u>Moosam/Grovel:-</u>					
7.832m ³ @ 345.52				R	2706=00
⑤ <u>Stone material - 53mm to 22.4mm</u>					
55.243m ³ @ 458.22				R	25313=00

Stone Screening:-					
10.927m ³ @ 345.52				R	3775=00
⑥ Emulsion SS-11 - 0.519MT					
⑦ Emulsion RS-11 - 1.378MT					
⑧ Bitumen Sgo:- 14.175MT					
⑨ Stone chips - 9.5mm to 4.75mm					
93.733m ³ @ 528.94				R	49579=00
⑩ Stone chips 4.75mm below:-					
67.422m ³ @ 200.45				R	13515=00
Filler:-					
3.288m ³ @ 3555.38				R	11690=00
Stone agg. 13.2mm to 0.075mm:-					
16.965m ³ @ 470				R	7974=00
Shiv					
17/02/22					
J.C					
Cost of material					1,53,411.50
Sherman					
17/02/22					
me					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) S.D. @ 8% —			2,0	2,17	0 = 00
(2) I.T. @ 1% —			2	5,27	1 = 00
(3) C.S.T. @ 1% —			2	5,27	1 = 00
(4) S.C.T. @ 1% —			2	5,27	1 = 00
(5) L.C. @ 1% —			2	5,27	1 = 00
(6) S.F. @ 10% —			21	567	0 = 00
(7) Royalty —			62	258	0 = 00
Total Deduction			3,8	7,07	9 = 00
By C.F.M.S. —			2	1,40,042	0 = 00
Total Bill Amt.			25	27,121	0 = 00
passed for Rs 25,27,121 = 00					

(R) Twenty Five lakhs Twenty Seven thousand one hundred twenty one

Signature
Executive Engineer
R. W. D. Works Division
Balsand

05/03/22

work has been completed as
per specification.

Signature
J.E.

$$\begin{array}{r} 8.2V \\ \hline 25.03122 \\ \hline J.E \end{array}$$
$$R5 = 1,86,293 = 0.0$$

Continuation

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Plv and applying tack-coat.					
Qty. vide TMB P.N. — (09)					
Item No. — (09)					
@ 11.78/m ² ————— R					53055200
⑩ Semi-Dense Bituminious concrete surface.					
Qty. vide TMB P.N. — (09)					
Item No. — (10)					
@ 10535.10/m ³ ————— R					1185199200
⑪ Kim Stone					
Qty. vide TMB P.N. — (09)					
Item No. — (11)					
@ 2509.57/each ————— R					5009200
⑫ (i) 200mm Stone.					
Qty vide TMB P.N. — (09)					
Item No. — 12(ii) 5.0 Nos					
@ 666.83/each ————— R					3339200
⑬ Retro-Reflective Traffic Signs.					
Qty vide TMB P.N. — (09)					
Item No. — (13)					
@ 3757.63/each ————— R					18788200
⑭ 600mm Circular.					
Qty. vide TMB P.N. — (09)					
Item No. — (14)					
@ 3856.98/each ————— R					15428200
					Rs 2 1913722200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) 600mm x 450mm Rectangular					
Qty. vide TMB P. N. — (10)					
Item No — (15) 3 Nos					
@ 3727.66/each —————				R	11,183200
(16) Boundary pillar.					
Qty. vide TMB P. N. — (10)					
Item No — (16) 37 Nos					
@ 521.42/each —————				R	19,293200
(17) Road marking with hot applied thermoplastic compound. do — do.					
— — — — — B/L.					
Qty. vide TMB P. N. — (10)					
Item No — (17) 290m ²					
@ 735.40/m ² —————				R	1,76,496200
(18) Plv and fixing Board.					
Qty. vide TMB P. N. — (10)					
Item No — (18) 2.14 m					
@ 9543.58/each —————				R	19,087200
(19) Brick masonry work in cement mortar.					
Qty vide TMB P. N. — (10)					
Item No — (20) 11.52m ³					
@ 5266.93/m ³ —————				R	60,675200
(20) Plastering with cement mortar.					
Qty. vide TMB P. N. — (10)					
Item No — (21) 80.89m ²					
@ 197.89/m ² —————				R	15,997200
Continuation C. o					PS 222,16,453200

B-P 22,16,453200

Continuation