

राष्ट्रीय और नू विभागाद्वारे (New MR-3054)

Schedule XLV-Form No. 134

राष्ट्रीय कार्य विभागाद्वारे प्रहसक, प्रहरी DIVISION

राष्ट्रीय कार्य विभागाद्वारे प्रहसक, प्रहरी SUB-DIVISION

MEASUREMENT BOOK

No-2335

अथवा विभाग

Part 2 Final Bill

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Work:- output & performance					
Based Maintenance of					
Road & CD work from					
Raghopur more to Bagpatra					
in Bagpatra					
block (New MR-3054)					
N/Agency:- Shree Awadh mchula					
Contr. put lbd.					
at po - Baruray motipur					
Muzaffarpur (Bihar)					

Agreement No- 44 MRD Dt 2020-21

Date of start:- 24-09-20

Date of completion:- 23-09-21

Actual date of completion:-

Work Done

(1/1) clearing & grubbing Road

Land etc.

$$2 \times 206 \times 30 \text{ m} \times 1 \text{ m} = 12360 \text{ m}^2$$

$$2 \times 30 \text{ m} \times 1 \text{ m} = 60 \text{ m}^2$$

$$2 \times 15 \text{ m} \times 1 \text{ m} = 32 \text{ m}^2$$

23-09-21
 38

$$2 \times 15 \text{ m} \times 1 \text{ m} = 32 \text{ m}^2$$

(2/2) Cost of Subgrade & earthen shoulder etc.

$$2 \times 10 \times 30 \text{ m} \times 0.3 \times 0.3 \text{ m} = 126 \text{ m}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Top -	2	6.2 m	0.4 m		4.96 m ²
Inner face -	2	6.2 m	0.4 m		4.96 m ²
Front -	4	0.4 m	0.4 m		0.64 m ²
					Qty = 10.56 m ²
					4
(27/24)	4th no. culvert on 4.5 km				CS
	Painting two coats on concrete surface				
Top -	2	3 m	0.4 m		2.4 m ²
Side -	2	3 m	0.2 m		1.2 m ²
Front -	4	0.4 m	0.2 m		0.32 m ²
					Qty = 3.92 m ²
					4
	5th no. culvert				
(28/24)	Painting two coats on concrete				
Top -	2	6.2 m	0.4 m		4.96 m ²
Side -	2	6.2 m	0.5 m		6.2 m ²
Front -	4	0.4 m	0.5 m		0.8 m ²
					Qty = 11.96 m ²
					CS

ABSTRACT OF COST

(1/2) Clearing & grubbing Road
Land etc.

Qty vide TMA P-1

Qty = 1.25 Ha

@ ₹ 51133 = 76/Ha ——— ₹ 63917 = 00

(2/2) Const. of Subgrade &

earthen shoulder with

approved material etc.

Qty vide TMA P-1/2

Qty = 2.541.15 m³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ £ 175 = 22/m ³					£ 445260=
(3/3) Constn. of granular sub-base by providing well graded material etc. m ³					
Qty vide TMB P-2 to 5					
Qty = 157.38 m ³					
@ £ 2034 = 42/m ³					£ 320177=
(4/4) P/O, laying, spreading & compacting of WBM-2					
Qty vide TMB P-5 to 9					
Qty = 143.33 m ³					
@ £ 3633 = 55/m ³					£ 523201=
(5/5) P/O, laying, spreading & compacting of WBM-3					
Qty vide TMB P-10 to 14					
Qty = 180.19 m ³					
@ £ 3365 = 38/m ³					£ 606408=
(6/6) P/O & applying Primer Coat with Bitumen emulsion (SS-1) on prepared surface					
Qty vide TMB P- 14					
Qty = 2402.5 m ²					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ 42213/m ²					161361=00
(7/7) Tack Coat:- P/v applying tack coat with bitumen emulsion (PS-1) etc					
Qty vide TMB P-15					
Qty = 2514.78m ²					
@ 14234/m ²					36062=0
(8/8) P/v, laying 2 rolling of close-grained porous surfacing material of 20mm					
Qty vide TMB P-15					
Qty = 2514.78m ²					
@ 206274/m ²					519906=00
(9/9) P/v 2 applying tack coat with Bitumen emulsion (PS-2) using emulsion etc.					
Qty vide TMB P-15/16					
Qty = 23624.79m ²					
@ 12002/m ²					283969=00
(10/10) SDBC:- P/v 2 laying semi dense bituminous concrete with 100-120 TPH					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMB P-16 to 17					
Qty = 530.63 m ³					
@ ₹ 10625 = 05/m ³					₹ 6295437=
(11/11/12/13) Km Stone:- Reinforced					
Cement Concrete M-15 grade					
Km Local Stone of standard					
design etc.					
(i) 5th Km Stone:-					
Qty vide TMB P-17/18					
Qty = 1 No.					
@ ₹ 4401 = 25/No.					₹ 4401=00
(ii) Km Stone:-					
Qty vide TMB P-18					
Qty = 7 Nos.					
@ ₹ 2358 = 03/No.					₹ 16506=00
(iii) 200m Stone:-					
Qty vide TMB P-18					
Qty = 26 Nos.					
@ ₹ 602 = 00/No.					₹ 15652=00
(12/14) Retro-reflectorized					
table 812m p/v 2 erecting					
direction & place material					
Qty vide TMB P-18					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Qty = 1.92 m ²				
@ ₹ 12307 = 01/m ²					₹ 23629 = 00
(13/15/16/17) P/v & fixing of retro-reflectors etc.					
Cautionary, mandatory & Informatory sign etc.					
(i) 600mm equilateral triangle					
Qty vide TMB P-18					
Qty = 8 Nos.					
@ ₹ 3692 = 07/No.					₹ 29543 = 00
(ii) 600mm circular					
Qty vide TMB P-18					
Qty = 6 Nos.					
@ ₹ 3789 = 41/No.					₹ 22736 = 00
(iii) 600mm x 450mm rectangular					
Qty vide TMB P-18					
Qty = 4 Nos.					
@ ₹ 3660 = 29/No.					₹ 14641 = 00
(14/18) Boundary pillar & mural post: Reinforced Cement Concrete M-15 grade boundary pillar etc.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vial TMB P-18					
Qty = 36 Nos.					
@ ₹ 500 = 17 / No.					₹ 18294.00
(15/15) Planting of tree by the road side in 0.6 m dia holes etc					
Qty vial TMB P-19					
Qty = 205					
@ ₹ 819 = 12 / No.					₹ 23367.00
(16/20) P/v 2 Laying of hot applied thermoplastic Compound 2.5 mm thick etc etc					
Qty vial TMB P-19					
Qty = 1245 m ²					
@ ₹ 735 = 44 / m ²					₹ 915623.00
(17/21) P/v 2 Fixing of typical warning Informatory sign board with logo etc.					
Qty vial TMB P-19					
Qty = 2 Nos.					
@ ₹ 9500 = 22 / No.					₹ 19016.00
(18/22) Brick masonry work					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
in cement mortar (1:3)					
in parapet					
3.84 m ³ Q ₁ vide TMB P-13 Mark A ₁					
4.8 m ³ Q ₁ vide TMB P-20 Mark A ₂					
8.64 m ³ @ ₹ 5141.51/m ³ ——— ₹ 44426=					
(19/23) plastering with cement mortar (1:4) etc.					
26.56 m ² Q ₁ vide TMB P-20 Mark-B ₁					
32.36 m ² Q ₁ vide TMB P-20 Mark-B ₂					
59.52 m ² @ ₹ 180235/m ² ——— ₹ 1073420=					
(20/24) painting two coat					
on concrete surface etc.					
26.56 m ² Q ₁ vide TMB P-20 Mark-C ₁					
32.36 m ² Q ₁ vide TMB P-21 Mark-C ₂					
10.56 m ² Q ₁ vide TMB P-22 Mark-C ₃					
9.32 m ² Q ₁ vide TMB P-22 Mark-C ₄					
11.36 m ² Q ₁ vide TMB P-22 Mark-C ₅					
91.36 m ² @ ₹ 89=45/m ² ——— ₹ 8176=50					
Total = ₹ 10552812=01					
Add 1% Labour cess = 105528=01					
Add 12% GST = 1266337=01					
Net = 11924677=01					
Add SF = 89419=01					
Total = 12014096=					
11-04-21 JE					
11-04-21 AB					
12-4-21					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F =	12014036=0
Less 2.52% below as per agreement =					302755=0
					Net = 11711341200
11-04-21 JE		11-04-21 AB			
<u>Material Statement</u>					

- (1) S/m = 513.42 m³
- (2) Local Sand = 20.26 m³
- (3) S/Screening = 33.63 m³
- (4) SS-1 = 2.042 m³
- (5) RS-1 = 6.007 m³
- (6) Bitumen = 72.927 m³
- (7) S/Chips = 936.11 m³
- (8) Brick = 4320 No.

(9) Sand = 9.84 m³

(10) E/W = 2541.15 m³

~~11-04-21~~
JE

~~11-04-21~~
AB