

Harman of Reed! - Pathra bhar Tola to

HH-28

MM454 (Cen)

Schedule XLV-Form No. 134

Agency - S R M Cent . **DIVISION**

Block - Masha **SUB-DIVISION**

MEASUREMENT BOOK

1946

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost</u>					
① Const. of reference & working bench. Mark pillars.					
Qty. Vide item no ① & Page no ③③ of TMB.					
1,2 - 2.89 km					
@ 5676.850/km					₹ 16406.00
② Const. of reference pillars.					
Qty. Vide item no ② & Page no ③③ of TMB.					
1,2 - 2.89 km					
@ 3252.600/km					₹ 9400.00
③ Clearing & grubbing road land by Manual means.					
Qty. Vide item no ③ & Page no ③③ of TMB.					
1,2 - 0.870 ha.					
@ 53879.82/ha					₹ 46875.00
④ Const. of embankment with material. for lead up to 1000m.					
Qty. Vide item no ③① & Page no ④③ of TMB.					
1,2 - 1282.988 m ³					
@ 190.14/m ³					₹ 243884.00
⑤ Const. of Subgrade & earthen shoulders.					
Qty. Vide item no ⑤ & Page no ③① of TMB.					
1,2 - 629.82 m ³					
Qty. Vide item no. ①⑦ & Page no ④⑤ of TMB.					
1,2 - 1354.758 m ³					
= 1984.578 m ³					
@ 191.82/m ³					₹ 380682.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/6) Const. of embankment with material. for lead up to 100 m.					
Qty. Vide item no. (31) & Page no. (31) of TMR.					
ie - 2994.342 m ³					
@ 153.90/m ³					₹ 460829.00
(7/7) Excavation for Roadway in soil.					
Qty. Vide item no. (7) & Page no. (34) of TMR.					
ie - 246.02 m ³					
@ 75.60/m ³					₹ 18602.00
(8/9) Const. of G.S.B By Providing well graded material.					
Qty. Vide item no. (8) & Page no. (34) of TMR.					
ie - 741.07 m ³					
Qty. Vide item no. (1) & Page no. (38) of TMR.					
ie - 21.06 m ³					
= 762.13 m ³					
Limit = 757.170 m ³					
@ 3523.150/m ³					₹ 2667623.00
(9/10) Providing, laying, spreading & Compacting Stone aggregates, N.B.M. III					
Qty. Vide item no. (9) & Page no. (34) of TMR.					
ie - 501.65 m ³					
Qty. Vide item no. (2) & Page no. (38) of TMR.					
ie - 100.117 m ³					
601.767 m ³					
@ 4319.190/m ³					₹ 2599146.0
(10/11) Providing & applying Primer Coat with bitumen emulsion (SS1)					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. Vide item no (3) & Page no (39) of TMR.					
i.e -		2964.75 M ²			
@ 41.380/M ²					₹ 122681.00
(11/12) Providing & applying tack Coat with Bitumen emulsion (RS1)					
Qty. Vide item no (4) & Page no (39) of TMR.					
i.e -		2964.75 M ²			
@ 14.130/M ²					₹ 41892.00
(12/13) Providing, laying & rolling of close-graded Premix Surface.					
Qty. Vide item no (5) & Page no (40) of TMR.					
i.e -		2964.75 M ²			
@ 214.73/M ²					₹ 636621.00
(13/14) Const. of un-reinforced P.C.C Pavement.					
Qty. Vide item no (6) & Page no (40) of TMR.					
i.e -		1271.110 M ³			
@ 7726.81/M ³					₹ 9821625.00
(14/8) Laying brick Soling layer on prepared Subgrade.					
Qty. Vide item no (7) & Page no (42) of TMR.					
i.e -		1580.125 M ²			
@ 479.10/M ²					₹ 757098.00
(15/31) E/W in excavation for f.d of structure.					
Qty. Vide item no (11) & Page no (35) of TMR.					
i.e -		356.12 M ³			
Qty. Vide item no (8) & Page no (42) of TMR.					
i.e -		184.545 M ³			
		540.67 M ³			
(a) 283.94/M ³					₹ 153518.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16 32 Sand filling in foundation trenches. Qty. Vide item no (12) & Page no (35) of TMR. i.e - 28.03 m ³ Qty. Vide item no (9) & Page no (42) of TMR. i.e - 10.89 m ³ = 38.92 m ³ @ 444.32/m ³ ₹ 17293.00					
17 33 Brick flat soling in foundation. Qty. Vide item no (13) & Page no (35) of TMR. i.e - 281.06 m ² @ 295.14/m ² ₹ 82952.00					
18 34 Providing P.C.M. in leveling course in open area. Qty. Vide item no (14) & Page no (35) of TMR. i.e - 60.81 m ³ Qty. Vide item no (10) & Page no (42) of TMR. i.e - 10.89 m ³ = 71.70 m ³ @ 6457.40/m ³ ₹ 462996.00					
19 35 Brick Masonry Work in Cement Mortar. Qty. Vide item no (15) & Page no (35) of TMR. i.e - 245.00 m ³ @ 5726.47/m ³ ₹ 1402985.01					
20 36 Providing & laying 1000 MM dia NP3 pipe for Culverts. Qty. Vide item no (16) & Page no (36) of TMR. i.e - 67.50 RM @ 3917.86/RM ₹ 264456.8					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
21 37 Plastering with Cement Mortar (1:4) Qty. Vide Item no (17) & Page no (34) of TMB. i.e. - 333.05 m ² @ 187.05/m ² ₹ 62297.00					
22 38 Providing 15 mm Cement punning. Qty. Vide item no (18) & Page no (36) of TMB. i.e. - 122.08 m ² @ 60.84/m ² ₹ 7427.00					
23 19 Painting two coats including primer Coat. Qty. Vide Item no (19) & Page no (44) of TMB. i.e. - 312.48 m ² @ 102.26/m ² ₹ 31954.00					
24 39 Providing R.C.C M25 grade Concrete in Box cell. Qty. Vide item no (11) & Page no (43) of TMB. i.e. - 86.085 m ³ @ 8105.29/m ³ ₹ 697744.00					
25 40 Back filling behind abutment, wing Wall & detention Wall. Qty. Vide item no (12) & Page no (43) of TMB. i.e. - 49.68 m ³ @ 3334.15/m ³ ₹ 165641.00					
26 41 Providing Neopholes. Qty. Vide item no (13) & Page no (43) of TMB. i.e. - 84 nos. @ 83.91/no. ₹ 7048.00					
27 42 Providing & laying boulder apron.					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. vide item no (14) & Page no. (43) of TMB.					
1,2 - 56.70 M ²					
(a) 4244.44/M ²					₹ 240660.00
(28/43) Supply, fitting & placing MYSR bar.					
Qty. vide item no (15) & Page no. (43) of TMB.					
1,2 - 5.64 MT					
(a) 50041.87/MT					₹ 282236.00
(29/16) R.C.C M15 grade R.M Stone.					
Qty. vide item no (16) & Page no. (46) of TMB.					
1,2 - 3 nos.					
(a) 2814.76/no					₹ 7844.00
(30/17) R.C.C M15 grade 200 mm Stone.					
Qty. vide item no (17) & Page no. (46) of TMB.					
1,2 - 12 nos.					
(a) 671.30/no					₹ 8056.00
(31/18) R.C.C M15 grade Boundary pillars.					
Qty. vide item no (20) & Page no. (47) of TMB.					
1,2 - 57 nos.					
(a) 548.50/no					₹ 31265.00
(32/26) 600 mm Circular board.					
Qty. vide item no (21) & Page no. (47) of TMB.					
1,2 - 12 nos.					
(a) 4823.33/no.					₹ 57880.00
(33/25) 600 mm equilateral & triangle.					
Qty. vide item no (22) & Page no. (47) of TMB.					
1,2 - 40 nos.					
(a) 3573.69/no					₹ 142948.00
(34/27) 600 mm x 450 mm Rectangular.					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. Vide item no (23) & Page no (47) of TMR i.e - 2 nos.					
(a) 4122.96/no.				₹	8246.00
(35/28) 900 mm side octagon.					
Qty. Vide item no (24) & Page no (47) of TMR i.e - 2 nos.					
(a) 7885.93/no.				₹	15772.00
(36/29) Providing & applying 2 coats of water based Cement paint.					
Qty. Vide item no (25) & Page no (48) of TMR. i.e - 421.40 m ²					
(a) 94.50/m ²				₹	39822.00
(37/21) Providing & laying of hot applied thermoplastic Compound.					
Qty. Vide item no (26) & Page no (48) of TMR. i.e - 578.0 m ²					
(a) 729.20/m ²				₹	421478.00
(38/30) Planting of trees & their maintenance.					
Qty. Vide item no (27) & Page no (48) of TMR. i.e - 78 nos.					
(a) 855.50/no				₹	66729.00
(39/28) Providing & fixing of typical MMSY information sign board.					
Qty. Vide item no (10) & Page no (35) of TMR i.e - 3 nos					
(a) 13167.78/no				₹	39503.00
(40/24) Providing & fixing of typical MMSY					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Maintenance board.					
Qty. Vide item no (29) & Page no (48) of TMR.					
1.2 - 2 nos.					
@ 13167.78/no				₹	26336.00
Total Amt.				₹	22568570.0
Add, G.S.T @ 12%.				₹(+)	2708228.00
L. cess @ 1%.				₹(+)	225686.00
Sr. Fee				₹(+)	260455.00
Gross Amt.				₹	25762939.0
Below @ 2.09%.				₹(-)	538445.0
Total Amt.				₹	25224494.0
less Previous Passed Amt.				₹(-)	8800029.0
Net Amt.				✓ ₹	16424465.0

2d.
15/12/2023
J.E

15/12/23
A.Q

cl
23/12/23

Material statement

E/W = 2570.00 m³

stone metal = 27.93 m³

Crushed sand = 7.58 m³

Screening = 2.43 m³

Aggregates = 1230.19 m³

Sand = 626.85 m³

Bricks = 97976.00 nos.

Continuation