

PHD Road to Bagmati. (MMSY - SC)

Schedule XLV-Form No. 134

Rail Works Division DIVISION

Khaira. SUB-DIVISION

3109

MEASUREMENT BOOK

प्राप्त राखी राखी

ASR 08(SAD) 22-23

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd on A/C & Final bill					
N/w - Construction of Road					
from p.w.D road to					
Beraadlih.					
Agency - Rakesh Roshan.					
Agreement No - 08(SBD) 2022-23.					
Date of commencement - 29/11/2022					
Date of completion - 28/08/2023.					
Record Measurement					
1. providing, laying, spreading					
and compacting stone agg.					
of WBM cr-III etc (in place)					
$10 \times 10 \times 3.75 \times 0.075 = 28.13 \text{ m}^3$					
$1 \times 15 \times (4.50 + 3.75) \times 0.075 = 4.64$					
$\frac{2}{2}$					
$1 \times 15 \times 3.75 \times 0.075 = 4.22$					
$1 \times 20 \times 3.75 \times 0.075 = 5.63$					
Qty = 42.62 m^3					
2. providing and applying					
Prime Coat (SS-1)					
$3 \times 30 \times 3.75 = 337.50 \text{ m}^2$					
$1 \times 15 \times (5.0 + 3.75) = 65.63$					
$\frac{2}{2}$					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5. Construction of 0m - reinforced plain cement concrete (0-30) grade.					
		1.0	1.0	3.75	$\times 0.160 = 60 \text{ m}^3$
		1	1.5	$\times (4.50 + 3.75) \times 0.160 = 9.90$	
				2	
		1	1.5	3.75	$\times 0.160 = 9.00$
		1	2.0	3.75	$\times 0.160 = 2.00$
					$\text{Qty} = 90.90 \text{ m}^3$

6. Construction of Earthen shoulder & subgrade.					
Earthen shoulder (Sides of WB & P.W.)					
		2	1.5	3.0	$\times 1.20 \times 0.075 = 81 \text{ m}^3$
E/Shoulder (Side of G.S.B.)		2	1.5	3.0	$\times 1.300 \times 0.200 = 234 \text{ m}^3$
E/Shoulder (Side of cc)		2	1.0	1.0	$\times 1.100 \times 0.160 = 35.20$
		2	2	2.5	$\times 0.700 \times 0.160 = 11.20$
E/Shoulder (Side of WB & G.S.B. cc)		2	1.0	1.0	$\times 1.100 \times 0.075 = 38.50$
		2	2	2.5	$\times 0.700 \times 0.075 = 12.25$
					$\text{Total Qty} = 412.15 \text{ m}^3$

7. Laying brick soling on prepared subgrade with brickwork on end edging according to dwn.					
		2	1.0	1.0	$\times 0.500 = 100$
		2	2	2.5	$\times 0.250 = 25$
					$\text{Total} = 125 \text{ m}^2$

Continuation

Continuation

Sch. XLV—Form No. 134

Sch. XLV—Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
(1/4) Providing & fixing of wooden benchmark pillar 2 nos per					
Qty vide item (1), P-7					
0.600 km @ 30694.10/km					
					Rs = 18416200
(2/2) Clearing & grubbing road lane					
Qty vide item (2) of P-7					
0.21 Ha @ 51137.38/Ha					
					Rs = 10739200
(3/4) Construction of Embankment with material obtained from borrow pits, head up to 100 cm.					
Qty vide item (3) of TMB, P-16					
377.03 m ³ @ 190.45/cum					
					Rs = 71805200
(4/5) Construction of Embankment with material obtained from borrow pits, head up to 100 mm.					
Qty vide item (3) of TMB, P-16					
939.50 m ³ @ 148.89/m ³					
					Rs = 139882200
(5/6) Construction of subgrade and earthen shoulders with approved material obtained from borrow pits etc. with all lift & head etc.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9/10) Providing & applying jackcoat Qty vide item (3), P-14 1704.38 m ² @ 14.88/sqm Rs = 25,361.200					
(10/11) Providing, laying and rolling of closed graded premix surface (mss) etc. Qty vide item (4), P-14 1704.38 m ² @ 210.19/sqm Rs = 358244.200					
(11/12) Construction of ornamental - ced. plain cement concrete Rampment (m-30) grade etc. Qty vide item (5), P-15 90.90 m ³ @ 6215.65/cu Rs = 565003.200					
(12/13) Laying border - rolling on prepared subgrade & edging Qty vide item (7), P-15 125 m ² @ 545.04/sqm Rs = 68130.200					
(13/14) Cable duct across the road. Qty vide item (3), P-10 15 m @ 1584.31/m Rs = 23765.200					
(14/15) Km Stone Qty vide item (9), P-12					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	NO			
	Qty vide item (18), P-18				
	3	NO			
	Total Qty = 5	NO @ 9164.37/m			
		Rs = 45,822.00			
(27/31) Earth work in excavation for foundation etc.					
	Qty vide item (8), P-9				
	45.46 m ³ @ 294.73/cum				
	Rs = 13398.00				
(28/32) Providing m ²⁰ & herringbone course in foundation.					
	Qty vide item (9), P-9				
	7.441 m ³ @ 4597.16/cum				
	Rs = 34207.00				
(29/33) Plaster/Reinforced concrete (m-20) in substructure					
	Qty vide item (10), P-9				
	50.876 m ³ @ 4976.64/cum				
	Rs = 253192.00				
(30/34) Providing & laying RCC pile MP-3 for culverts on first class bedding etc.					
	Qty vide item (11), P-9				
	15 m @ 3379.021/m				
	Rs = 50686.00				
(31/35) Painting on parapet wall					
	Painting two coats including				

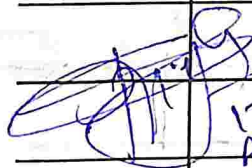
Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty wide item (12) P-10					
33.12 m ² @ 98.77/sqm					
					Rs = 3271.00
					Total Rs = 33040.44.00
Add 0.5% @ 12% Rs = 3964.85.00					
Add Lc @ 1% Rs = 33040.00					
Add seigniorage fee = 58046.00					
					Cr. Total Rs = 37,916.15.00
less 23.98% below					
as Per agreement Rs = 90922.9.00					
					Rs = 28,823.86.00
less Previous Payment					
on 15/04/2011 Rs = 15,75,161.00					

Rs = 13,07,225.00

Dated 16/10/2023


 17/10/23
 A. E.

G. P.
 20/10/23