

Deoria Kharama Record to Bhurendak Sindoli
length - 1.70cm

Ausesh (B.D.)

Schedule XLV-Form No. 134

(NDB-BRRP-26-Mawarui) 11/5BD/23-24

Sunmy Engineering works DIVISION

D. O. 9A SUB-DIVISION
248129 24117211 441121

Measurement Book

1338

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 nd on A/c Bill					
Name of Work:- Deodiyā Khabauna RCD					
Path to bhushenchak bind toli in					
Masauli Block.					
Name of agency:- M/s Sunny					
Engineering Work.					
Agt. No. - 11/SBD/2023-24					
Date of start:- 15/12/2023					
Date of Comp:- 14/12/2024					

Measurement

Item No. (1/33) Earthwork in				
Excavation for foundation —				
H.W - $2 \times 6.450 \times 1.610 \times 1.550 = 32.192 \text{ M}^3$				
Below Pipe - $1 \times 4.430 \times 1.530 \times 0.365 = 2.474 \text{ M}^3$				
				<u>34.67 M³</u>

Item No. (2/34) Providing				
PCC-M15 - open foundation				
H.W - $2 \times 6.450 \times 1.610 \times 0.200 = 4.1538 \text{ M}^3$				
Below pipe - $1 \times 5.397 \times 1.530 \times 0.250 = 2.064 \text{ M}^3$				
				<u>6.22 M³</u>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
Item No. (1/1) Setting out work					
With Construction of benchmark -					
Vide TMB P/5 item No. 1					
1.70 KM @ RS. 17554.00/KM = RS. 29842.00					
Item No. (2/2) clearing grass					
and Removal of Rubbish -					
Vide TMB P/5 item No. 2					
1.02 Ha @ RS. 19930.80/Ha = RS. 20329.6					
Item No. (3/6) Excavation in soil					
using Hydraulic Excavator -					
67.50 M ³ @ RS. 103.96/M ³ = RS. 7017.00					
Item No. (4/9) Construction of					
Embankment With Material obtained					
from pits - Lead upto 100 M -					
Vide TMB P/6 item No. 4(A)					
3727.26 M ³ @ RS. 217.07/M ³ = RS. 809076.01					
Item No. (5/10) Construction of					
Embankment With Material obtained					
from Pits - Lead upto 1000 M -					
Vide TMB P/6 item No. 4(B)					
931.82 M ³ @ RS. 267.79/M ³ = RS. 249532.00					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. (6/33) Earthwork in excavation for foundation -					
Vide TMB P/9 item No. 1/33					34.67M ³
Vide TMB P/10 item No. 5/33					110.21M ³
Vide TMB P/15 item No. 19/33					14.4M ³
					159.28M ³

$$159.28 \text{ M}^3 @ \text{Rs. } 398.62/\text{M}^3 = \text{Rs. } 63492.00$$

Item No. (7/34) Providing PCC - M15 - open foundation -

$$\text{Vide TMB P/9 item No. } 2/34 = 6.22 \text{ M}^3$$

$$\text{Vide TMB P/10 item No. } 6/34 = 7.92 \text{ M}^3$$

$$14.14 \text{ M}^3$$

$$14.14 \text{ M}^3 @ \text{Rs. } 6187.96/\text{M}^3 = \text{Rs. } 87498.00$$

Item No. (8/37) Providing and laying RCC Pipe NP3 -

1000 M dia -

$$\text{Vide TMB P/10 item No. } 3/37$$

$$7.50 \text{ M} @ \text{Rs. } 8129.04/\text{M} = \text{Rs. } 60968.00$$

Item No. (9/38) Plain/reinforced Cement concrete in substructure -

$$\text{Vide TMB P/10 item No. } 4/38$$

$$37.41 \text{ M}^3 @ \text{Rs. } 6830.90/\text{M}^3 = \text{Rs. } 255544.00$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. (10/41) Supplying fitting and placing HYSD bar - foundation					
vide TMB P/10 item No. 7/41					
0.16 MT @ RS. 80034.16/MT = RS. 12805.00					
Item No. (11/39) Providing Conc-					
rete for plain/RCC in open foundation -					
vide TMB P/11 item No. 8/39					
28.922 M ³ @ RS. 7018.27/M ³ = RS. 202982.01					
Item No. (12/42) Supplying, fitting and placing HYSD bar in					
Substructure -					

vide TMB P/12 item No. 9/42

1.139 MT @ RS. 80257.72/MT = RS. 91494.00

Item No. (13/46) Plain/RCC in Substructure - M25

vide TMB P/12 item No. 10/46
vide TMB P/15 item No.

7.485 M³ @ RS. 8369.27/M³ = RS. 62644.00

Item No. (13/46) Plain/RCC in Substructure - M25

vide TMB P/12 item No. 10/46 = 7.485 M³

vide TMB P/13 item No. 12/46 = 2.535 M³

10.02 M³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10.02 M ³ @ Rs. 8369.27/M ³ = Rs.					83860.00
Item No. (14/43) supplying, fitting and placing HYSD bar - vide TMB P/13 item No. 11/43					
0.38 MT @ Rs. 81815.45/MT = Rs.					31090.00
Item No. (15/40) Providing and laying RCC in Super Structure - vide TMB P/13 item No. 13/40					
4.38 M ³ @ Rs. 8907.34/M ³ = Rs.					39014.0

Item No. (16/44) Plain/RCC in Substructure - vide TMB P/14 item No. 14/44					
13.88 M ³ @ Rs. 7679.99/M ³ = Rs.					106598.00
Item No. (15/45) Providing Weep holes in brick Masonry:- vide TMB P/14 item No. 15/45					
36.00 Nos @ Rs. 153.13/Each = Rs.					5513.00
Item No. (16/48) Providing and laying filter media - vide TMB P/14 item No. 16/48					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20.10 M ³ @ RS.	3156.75 / M ³			RS.	63451.00
Item No. (17/47) Backfilling behind abutment Wing Wall - vide TMB P/14 item No. 17/47					
27.28 M ³ @ RS.	996.15 / M ³			RS.	27175.00
Item No. (18/51) Drainage Spouts Complete as per drawing - vide TMB P/14 item No. 18/51					
4.00 Nos @ RS.	1525.63 / Each			RS.	6102.00
Item No. (19/35) Laying (First class) bedding on well compacted sand - vide TMB P/15 item No. 20/35					
6.00 M ³ @ RS.	575.25 / M ³			RS.	3452.00
Item No. (20/36) Providing and laying RCC Pipe NPS -					
40.00 M @ RS.	949.49 / M			RS.	37980.00
Item No. (21/11) Construction of Subgrade & Earth shoulder - vide TMB P/6 item No. 5					
2394 M ³ @ RS.	438.03 / M ³			RS.	1048644.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. (22/12) Construction of granular sub base - GL - I					
Vide TMB P/7 item No. 6					$= 1134.00 \text{ M}^3$
Vide TMB P/16 item No. 22/12					$= 67.20 \text{ M}^3$
					$= 1201.20 \text{ M}^3$
1201.20 M ³ @ Rs. 2672.49/M ³					$= \text{Rs. } 3210195.00$
Item No. (23/13) Providing, laying, spreading and Compacting WBM - GL - III					
Vide TMB P/17 item No. 23/13					
425.579 M ³ @ Rs. 3922.70/M ³					$= \text{Rs. } 1669419.00$
Item No. (24/17) Construction of unreinforced PCC Pavement - M30					
Vide TMB P/17 item No. 24/17					
125.54 M ³ @ Rs. 7255.13/M ³					$= \text{Rs. } 910809.00$
Item No. (25/21) Providing & fixing of typical MMGSX informative Sign board -					
Vide TMB P/7 item No. 7					
2.00 Nos @ Rs. 13951.66/each					$= \text{Rs. } 27903.00$
Total					$= \text{Rs. } 9161705.00$
Add 1% L. cess (+)					$\text{Rs. } 91617.00$
Add 10% G.S.T (+)					$\text{Rs. } 1649107.00$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S. Fee :-					
1. Earthwork = 2394.00 M ³					
@ RS. 35.25/M ³ x 10% = RS. 8438.00					
2. Subgrade & E. shoulder = 2394.00 M ³					
@ RS 68.10/M ³ x 10% = RS. 16303.00					
3. GSB Gr. I = 1201.20 M ³					
@ RS. 870.25/M ³ x 10% = RS. 104534.00					
4. WBM Gr. - III = 425.579 M ³					
@ RS. 1434.24/M ³ x 10% = RS. 61038.00					
5. CC Pavement M30 = 125.54 M ³					
@ RS. 1071.32/M ³ x 10% = RS. 13449.00					
6. PCC M15 in foundation = 14.40 M ³					
@ RS. 1216.67/M ³ x 10% = RS. 1752.00					
7. PCC M15 in substructure = 37.41 M ³					
@ RS. 1216.67/M ³ x 10% = RS. 4552.00					
8. RCC M20 = 29.922 M ³					
@ RS. 1126.46/M ³ x 10% = RS. 3370.00					
9. RCC M25 = 14.40 M ³					
@ RS. 1126.46/M ³ x 10% = RS. 1622.00					
Total S. fee = RS. 215058.00					
Add S. fee (+) RS. 215058.00					
Grand Total = RS. 11117487.00					
Less 0.03% as Per Agt. (-) RS. 3335.00					
RS. 11114152.00					
Less Previous Payment RS. 6213441.00					
RS. 4900711.00					

09/11/24

J.E.

09/11/24

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Continuation