

किर्मलिचक पन्स्य रेल Near Rec Bulwerf Kain
मुवाकाम length - 0.930km

Ariseh (FDB)

NDB-BRRP 2-26 Mawavlu

Schedule XLV-Form No. 134

11/SBD/23-24

Sunny Engineering works

DIVISION

राष्ट्रीय अभियान, अहमदाबाद

SUB-DIVISION

Measurement Book

1337

Particulars	No.	L.	B.	D.	of area
2nd on A/c bill					
Name of Work:- Construction of road and CD works from Kilmidichak PMGSY Road Near RCC Culvert to Kishi Musahali under scheme MMGSY (NDB)					
Name of Agency:- M/s Sunny Engineering Works.					
Ag't. NO. - 11/SIBD/2023-24					
Date of start:- 15/12/2023					
Date of comp.:- 14/12/2024					
NDB					

Measurement					
Item No. (1/25) Earthwork in					
Excavation for foundation -					
$4 \times 6.00 \times 0.60 \times 1.00 = 14.4 \text{ M}^3$					
Item No. (2/27) Laying (First class)					
bedding on well compacted sand -					
$4 \times 10.00 \times 0.60 \times 0.25 = 6.00 \text{ M}^3$					
Item No. (3/28) Providing and					
laying RCC Pipe NP3 -					
300 MM dia -					
$4 \times 10.00 = 40.00 \text{ M}$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost</u>					
Item No. (1/1) Setting out					
1200 KS with benchmark -					
vide TMB P/7 item No. 1					
0.93 KM @ $\text{Rs. } 17580.00/\text{KM} = \text{Rs. } 16349.00$					
Item No. (2/2) Clearing grass					
and removal of rubbish -					
vide TMB P/7 item No. 2					
0.56 Ha @ $\text{Rs. } 19930.80/\text{Ha} = \text{Rs. } 11161.00$					
Item No. (3/3) Excavation in					
Soil using Hydraulic -					
vide TMB P/7 item No. 3					
7.85 M ³ @ $\text{Rs. } 103.96/\text{M}^3 = \text{Rs. } 816.00$					
Item No. (4/6) Construction					
of embankment with					
Material — 100m Lead.					
vide TMB P/8 item No. 4A					
1063.50 M ³ @ $\text{Rs. } 217.07/\text{M}^3 = \text{Rs. } 230854.00$					
Item No. (5/7) Construction					
of embankment with					
Material — 1000 M Lead					
vide TMB P/8 item No. 4(B)					
265.88 M ³ @ $\text{Rs. } 267.79/\text{M}^3 = \text{Rs. } 71200.00$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item NO. (6/5) Excavation for					
Structure Earthwork -					
Vide TMB P/9 item NO. 8 =					59.382 M ³
Vide TMB P/13 item NO. 1/25 =					14.400 M ³
					= 73.782 M ³
				Limit =	73.77 M ³
@ Rs. 398.62/M ³ = Rs.					29406.00
Item NO. (7/26) Providing M15					
PCC (1:2.5:5)					
Vide TMB P/9 item NO. 9					
11.71 M ³ @ Rs. 6275.64/M ³ = Rs.					73535.00

Item No. (8/27) Laying (first class)					
bedding on well compacted sand-					
Vide TMB P/13 item NO. P/27					
6.00 M ³ @ Rs. 575.25/M ³ = Rs.					3452.00

Item NO. (9/28) Providing and					
Laying RCC Pipe NP3 -					
300 MM dia -					
Vide TMB P/13 item NO. 3/28					
40.00 M @ Rs. 342.24/M = Rs.					57690.00

Item NO. (10/29) Providing and					
Laying RCC Pipe NP3 -					
600 MM dia -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Vide TMB P/10 item NO. 11					
22.50 M @ Rs. 4090.10/M = Rs. 92027.00					
Item NO. (11/30) Plain Reinforced					
Cement-Concrete -					
Vide TMB P/10 item NO. -10					
54.63 M ³ @ Rs. 6922.58/M ³ = Rs. 378181.00					
Item NO. (12/31) Painting on					
Parapet Wall -					
Vide TMB P/10 item NO. 12					
37.44 M ² @ Rs. 137.36/M ² = Rs. 5143.00					
Item NO. (13/8) Construction of					
Sub grade & earthen shoulder.					
Vide TMB P/14 item NO. 4/8					
2716.20 M ³ @ Rs. 438.03/M ³ = Rs. 1189777.00					
Item NO. (14/9) Granular sub					
base With Coarse Graded Material -					
Vide TMB P/8 item NO. - 6					
729 M ³ @ Rs. 2866.49/M ³ = Rs. 2089671.00					
Item NO. (15/10) Providing, laying,					
Spreading and Compacting -					
INBM Gr. III -					
Vide TMB P/14 item NO. 5/10					
253.14 M ³ @ Rs. 4159.66/M ³ = Rs. 1052976.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. (16/14) Providing & fixing of typical M.M.G.S.Y. informative sign board - vide TMB P/g item No. 7					
2.00 NOS @ Rs. 13974.76/per					Rs. 27950.00
Total					Rs. 5310188.01
Add 1% L. cess (+)					Rs. 53102.00
Add 18% G.S.T (+)					Rs. 955834.6
Grand Total					Rs. 6319124.01
Add S. Fee :-					
① E/W = 1329.38 M ³					
@ Rs. 35.25/M ³ x 10% =					Rs. 4686.00
② Sub. & E. shoulder = 2716.20 M ³					
@ Rs. 68.10/M ³ x 10% =					Rs. 18497.00
③ G.S.B Gr. I = 729.00 M ³					
@ Rs. 870.25/M ³ x 10% =					Rs. 63441.00
④ W.B.M Gr. II = 253.14 M ³					
@ Rs. 1434.24/M ³ x 10% =					Rs. 36306.00
⑤ PCC M15 = 11.71 M ³					
@ Rs. 1216.67/M ³ x 10% =					Rs. 1425.00
⑥ PCC M15 (Sub. Str.) = 54.63 M ³					
@ Rs. 1216.67/M ³ x 10% =					Rs. 6647.00
Total S. fee =					Rs. 131002.00
Total S. fee (+)					Rs. 131002.00
					Rs. 6450126.00
Less 0.03% as Per Agt. C.					Rs. 1935.00
					Rs. 6448191.00

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