

Mmbly (Aussesh) NAB - BRP2 - 438

To3 to Ismailpur MisicchaK 0.796 km

Schedule XLV Form No. 134.

Sheegynat!

DIVISION

Ghara

SUB-DIVISION

Sei Ram construction

Measurement Book

1503

Ag. no. 08 SAB 2024-25

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.	
					Heard mungy - NDE (Anusegh)
N/10					Construction of road
					from To 3 Ismail purto
					Mishari Chak - under
					Curia Block.
Agency					Shri Ram Construction.
					Sikang bgh. Curia Dist. Nag.
Agreement no.					SPD NA/2021-25
date of Agreement					07.10.2024
					05.10.2025

below

5.60%

date of entry - 26.11.2024

(1)

Setting out pillars

providing & fixing of

Working Bench mark

pillars - do do

1. Nox

(2)

Reference pillars

03 Nox

(3)

clearing & unblocking

Road land - do do

$$2 \times 10 \times 30 \times 0.75 = 450 \text{ m}^2$$

$$2 \times 10 \times 30 \times 0.75 = 450 \text{ m}^2$$

$$2 \times 6 \times 30 \times 0.75 = 270 \text{ m}^2$$

$$2 \times 16 \text{ m} \times 0.75 = 24 \text{ m}^2$$

$$= 1194 \text{ m}^2$$

$$\text{Sqr } 0.12 \text{ Hect.}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(A)	Box cutting for Roadway- in soil using Manual Mens for carried work				
	2	10	30	0.77	0.10 = 46.2 m ³
	2	9	30	0.77	0.100 = 36.96 m ³
	2	20	0.77	0.100 = 3.08 m ³	
	2	8 m	30	0.875	0.100 = 42 m ³
	Total Qty =				128.24
	Limit Qty =				128.10 m ³
(M.B.S)	30.11.2024				
2.12.2024					

for H.P. Cement : date of entry - 30.11.2024

Geometric dia.

(5) E.W. in excavation
in foundn. alsoH.W. = 2 x 3.90 x 1.150 x 1.50 = 13.455 m³below pipe: 1 x 5.350 x 1.130 x 0.365 = 2.207 m³Total = 15.662 m³Qty 3 nos x 15.662 m³ = 46.986 m³

(6) providing M.5 grade

PCC (1:2.5:5) as leveling course found

level - also

H.W. = 2 x 3.90 x 1.150 x 0.150 = 1.3455 m³below pipe: 1 x 5.311 x 1.130 x 0.250 = 1.500 m³Long Pipe: 0.250 x 0.7857 x 0.33 x 5.849 = 0.791 m³Total Qty = 2.054 m³Qty 3 nos x 2.054 m³ = 6.15 m³

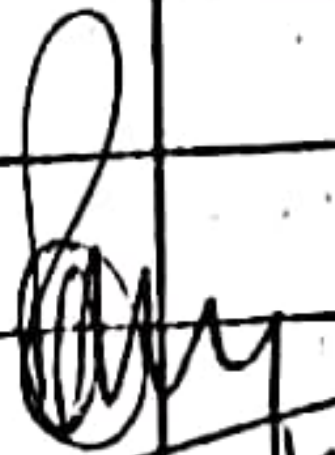
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) 520 culvert 2m x 2m depth					
(10) Const ⁿ of embankment					
with approved material					
obtained from borrow pits - &					
As per graph					
Change	Area	Mean	dist	Volume	
		cls Area			
0.00	1.58	—	0.0	0.00	
0.50	1.62	1.60	50	80.00 m ³	
50-100	1.56	1.59	50	79.50 m ³	
100-150	1.64	1.60	50	80.50 m ³	
150-200	1.72	1.68	50	84.00 m ³	
200-250	1.68	1.70	50	85.00 m ³	
300	1.74	1.71	50	85.50 m ³	
350	1.58	1.66	50	83.00 m ³	
400	1.76	1.67	50	83.50 m ³	
450	1.76	1.67	50	83.50 m ³	
500	1.84	1.80	50	90.50 m ³	
510	1.99	1.89	60	113.40	
			T=	863.90 m ³	
			Lead up to 100 m	259.17 m ³	
			Lead up to 1000 m	604.73 m ³	
(M) 10.2.2025					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Contd of Cr. B.					
Cr. B. Materials added for widening					
(1) 0.2 x 1 x 30 x 0.90 x 0.50 x 0.100 = 0.27 m³					
0.2 x 10 x 30 x 0.50 x 0.100 = 30 m ³					
0.2 x 5 x 30 x 0.50 x 0.100 = 15 m ³					
0.2 x 30 x 0.50 x 0.100 = 15 m ³					
Stre profile correction					
0.7 x 30 x 0.60 x 0.10 = 12.6 m ³					
1.0 x 4.50 x 0.40 x 0.100 = 1.80 m ³					
1.5 x 4.20 x 0.30 x 0.100 = 1.89 m ³					
1.2 x 6.20 x 0.40 x 0.100 = 2.976 m ³					

Cr. B. for full length					
1 x 30 x $\frac{8.70 + 14.05}{2}$ x 0.100 = 19.125					
10 x 30 x 4.05 x 0.100 = 121.5 m ³					
5 x 30 x 4.05 x 0.100 = 60.75 m ³					
1 x 30 x 4.05 x 0.100 = 12.15 m ³					
Total Qty = 292.79 m ³					

Mo/13
21.3.2025
58.


21/3/25

ass-
(5.50 km) 62.215

21.3.2025

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Material statement.				
3888 =	Elw				863.70 m ³ @ 45/m ³
Ans. 1	53 mm	9.5 mm			= 175 m ³ @ 931.75
5.7 = 16398 =					
5372	9.5 mm	2.36 mm			= 12.48 m ³ @ 429.92
275 =	2.36 mm below				= 19 m ³ @ 145
44 MRS	C/5 end				= 31.5 m ³ @ 502.33
1582 =	40 mm				= 31.2 m ³ @ 901.33
1507 =	20 mm				= 12.48 m ³ @ 1202.26
1113 =	10 mm				= 18.72 m ³ @ 595.16
25302 =					
	 2025 21.11.25				

[illegible]

Estimate No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST.					
①	Setting out pillars				
	Benchmark & levels.				
	Qty vide T.M.P. 1				
	Item no 1				
64 Nos @ 4301.42/each = 4301.42					
②	Reference pillars & levels				
	Qty vide T.M.P. 1				
	Item no 2				
63 Nos @ 1981.46 each = 5944.20					
③	Clearing & grubbing road land & areas				
	Qty vide T.M.P. 1				
	Item no 3				
0.12 Hect @ 76947.02/Hect = 9152.00					
④	Box cutting of roadway & areas				
	Qty vide T.M.P. 2				
	Item no 4				
128.10 m ³ @ 190.23/m ³ = 24368.00					
⑤	Cost of embankment & areas				
	Qty vide T.M.P. 4				
	Item no 10				
259.18 m ³ @ 185.92/m ³ = 48192.00					
⑥	Cost of embankment & areas				
	Qty vide T.M.P. 4 & 10				
604.73 m ³ @ 258.72/m ³ Rs = 156456.00					
Total Rs = 248424.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Bf	Is =	2484240
(7) 107	Contn of Gro. Wt Materials also do Qty vide Map 5 Item no 91				
292.	791	M3	1958.83'		5729420
(8) 130	providing & fixing lego board of masonry project - also do Qty vide Map - 3 Item no 9				
02 NOS	@	11282.34			225650

(9) 133	Excavation in foundn - also Qty vide Map - 2 Item no 5	
46.986 m ³	@ 405.80/m ³	190670
(10) 134	providing p.c m.s grille as locally concrete Qty vide Map - 2 Item no 6	
6.15 m ³	@ 5688.79/m ³	349860
(11) 135	providing cement for plum/reinforced in open foundn -	
		8979840

Continuation

Scanned with OKEN Scanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					2nd on AC Bill
N/W -					Const ⁿ of road from
					To 3 to 15 m. up to
					Mishnichak
					Head Ministry NDO (AW Shesh)
Agency -					Sri Ram Construction
					At post. Sri Ram Bha Guna Dist. Gaya.
					Agreement No CS/SBD/2024/2025
					date of Agreement - 07.10.2024
					date of completion - 06.10.2025
					below - 5.66% below
					date of entry -

(19) providing & laying of a reinforced cement concrete Pipe duct 300 mm dia. length $4 \times 3 \times 2.50 = 30 \text{ m}$.

(20) Construction of G.S.B. Cur 1 Material for R.T. surface Area

$$1 \times 30 \text{ m} \times 4.05 \times 0.100 = 12.15 \text{ m}^3$$

$$1 \times 20 \times \frac{6.50 + 4.05}{2} \times 0.100 = 10.55 \text{ m}^3$$

for pcc winging area.

$$2 \times 5 \times 30 \times 0.35 \times 0.100 = 10.5 \text{ m}^3$$

$$2 \times 2 \times 30 \times 0.35 \times 0.100 = 4.2 \text{ m}^3$$

$$T = 37.4 \text{ m}^3$$

$$\text{Total} = 35.47 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) 11+16	providing W.B.M. for 3 Meter road for B.T. Assement				
	1x	30m	4.50+4.05	0.075	= 14.118m ³
	10x	30m	3.75	0.075	= 84.375m ³
	5x	30m	3.75	0.075	= 42.187m ³
	1x	30m	3.75	0.075	= 8.437m ³
	1x	30m	3.75	0.075	= 8.437m ³
	1x	15m	5.40+3.80	0.075	= 5.146
	2x	30	3.75	0.075	= 16.874m ³
	1x	15.0	3.75	0.075	= 4.219m ³
	5x	30x	3.75	0.075	= 42.187m ³
	1x	2.0	2.80	0.075	= 0.42m ³
				T=	266.41m ³
				unit	226.12m ³

(4) 12	providing pcc 1430 grade down				
	3x	30	3.75	0.160	= 54m ³
	2x	30	3.75	0.160	= 36m ³
	2x	1.00	3.75	0.160	= 1.2m ³
	2x	30x	3.80+3.70	0.160	= 36m ³
	1x	20	3.70+3.70	0.160	= 11.84m ³
	1x	8.0x	3.70+2.70	0.160	= 4.096
				T=	143.136m ³
				unit	143.02m ³
				MS	5.2025

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1)	ABSTRACT OF COST.				
	Setting out pillars & chain				
	Qty vide Tm 2 p. 7				
	item no 1				
	01 Nos @ 4301.47/each = 4301.47				
(2)	Reference pillar				
	Backs mark & chain				
	Qty vide Tm 3 p. 7				
	item no 2				
	03 Nos @ 1981.46 each = 5944.38				
(3)	Clearing & grubbing				
	road land & ditches				
	Qty vide Tm 3 p. 7				

item no 3

0.12 Hect @ 76947.02/Hect = 9157.64

(4)

Box cutting of road
way do ch.

Qty vide Tm 3 p. 7

item no 4

128.10 m³ @ 190.92/m³ = 24368.96

(5)

Const of embankment
with approved material
level up to 100 m above
Qty vide Tm 3 p. 7259.17 m³ @ 18569/m³ = 48175.40

(6)

Const of embankment
level up to 100 m above
Qty vide Tm 3 p. 7604.73 m³ @ 2587.90/m³ = 156456.40

To 248424.40

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF Rs	248424=
(7) 17+15	providing G.S. B.				
	long material - double				
	Qty size TM 2 P 8				
292.79	item no 7				
35.40 m ³	Qty size TM 2 P 11 item 2				
328.24	m ³ @ 1956.83 / m ³				642349=
(8) 11+16	providing L.O.B. m ³				
	Material - double				
	Qty size TM 2 P 82				
	item no 83				
226-	2 m ³ @ 3372.79 / m ³				762655=
(9) 14+14	providing cement				
	concrete pavement				
	160 mm M ₂₀ grade				
	Qty size TM 2 P 12				
	item no 1				
143.02 m ³	@ 6802.68 / m ³				972919=
(10) 30	providing & fixing logs				
	Board of project masonry				
	& information board				
	Qty size TM 2 P 8				
	item no 8				
02408	@ 11282.34 / each				22565=
(11) 31	E/W in excavation in				
	found for 11 p.c. unit				
	Qty size TM 2 P 8 item 9				19067=
46.486 m ³	@ 405.80 / m ³				19067=
	T=2419555=				
	P=2667979=				

Continuation

Particulars	No.	L.	B.	D.	of area
					26679292
				BF	18 = 2419555
(12/34)					
providing PICMIS grade					
do leveling concrete					
Qty vide MPB-8, 9					
item no 90					
6.15 m ³ @ 5688.79/m ³					= 34986
(13/35)					
providing Cement					
Concr. for plain/reinforced					
in open formwork					
Qty vide MPB-8, 9					
item no 11					
45.495 m ³ @ 6101.51/m ³					= 277588
(14/36)					
providing 2 layer					

reinforced cement					
Concr. MPB 6 nominal					
HP pipe do do					
Qty vide MPB-9					
item 12					
22.5 m ³ @ 3203.71/m ³					= 72083
					T = 280491250
					T = 30526362
Add Cr. T. + 6% @ 19%.					= 580000200
Add S. fee @ 10%					= 7835200
					T = 311098820
Less 13% discount below 5.68% C-1					21004200
					35,00,9462
Less 13% discount					10204462
					Total Rs = 24,80,5002

M/S
07.5.2022
22.

Continuation