

11/15/57

Koro Beth to Kurmain
of 44 hands only

Schedule XIV-Form No. 134

DIVISION

SUB-DIVISION

41812109 311324-01 21111111 21111111
conf 219C 25 311911

MEASUREMENT BOOK 711

4488 → Tai maa Bhagwati ant

Sch. XLV - Form No. 134

Executive engineer *Rw* DIVISION
Dagmagam
Assistant engineer SUB-DIVISION
Obay

Measurement Book

No. *711*

Name of Officer _____

Date of first entry _____

Date of last entry _____

समाप्ति निया जाता है, कि स्व
 मापिपुन में कुल 100 (एक सौ शत) संख्या
 है। जिसे एडमन अमिनार नामीन
 का रिकार्ड INDEX का रिकार्ड PAGE औरों के
 नाम से मिली रिमा जाता है।

Executive Engineer
 R.W.D. Works Division
 Gandnagar (A. bad)

INDEX

PAGE

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.	
Name of Work - Construction					
of Road from Kasta Path					
TO Kurumain.					
Agency:- Jai Maan Bhagwati					
Construction					
Agreement No:- 46/SBD/MMGSY(SC)/2020-21					
Date of Commencement:- 27-08-2020					
Date of Completion:- 26-08-2021					
Agreement Cost:- 14305196.00					
Record Measurement					
1/ Setting out pillar					
(a) Bench Mark pillar = 3 nos					
(b) Reference pillar = 8 nos					
2/ P & F Logo of MMGSY = 2 nos					
3/ Clearing and grubbing					
2 x 10 x 30.00 x 3.50 = 2100.00 m ²					
2 x 10 x 30.00 x 3.50 = 2100.00 m ²					
2 x 10 x 30.00 x 3.50 = 2100.00 m ²					
2 x 10 x 30.00 x 3.50 = 2100.00 m ²					
2 x 10 x 30.00 x 3.50 = 2100.00 m ²					
2 x 10 x 30.00 x 4.00 = 2400.00 m ²					
2 x 10 x 30.00 x 3.00 = 1800.00 m ²					
2 x 1 x 67.00 x 3.50 = 469.00 m ²					
					15169.00 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/ Differentiality of P.C.C					
		1 x 3.50 x 1.4 x 0.15 =			0.60 m ³
5/ Differentiality of sub/grade work					
		2 x 4.20 x 0.825 x 2.50 =			17.33 m ³
6/ Mure pipe up to 600 mm dia					
		1 x 7.50			7.50 m
7/ Earthwork in excavation for foundation					
		4 x 2 x 6.95 x 1.9 x 1.50 =			108.36 m ³
		4 x 1 x 4.85 x 1.53 x 0.35 =			10.834 m ³
		2 x 12.60 x 1.40 x 1.50 =			52.92 m ³
		2 x 4.85 x 1.53 x 0.35 =			5.412 m ³
					172.53 m ³
8/ providing and laying P.C.C.M.S					
grade in levelling course					
		4 x 2 x 6.95 x 1.40 x 0.15 =			10.836 m ³
		4 x 1 x 4.85 x 1.53 x 0.35 =			7.420 m ³
		2 x 12.60 x 1.40 x 0.15 =			5.292 m ³
		2 x 4.85 x 1.53 x 0.25 =			3.710 m ³
					27.258 m ³
9/ P & L R.C.C.M.Ps round dia HP					
		6 x 3 x 2.50			45.00 m
10/ P & L P.C.C.M.S grade					
in substructure					
		4 x 2 x 6.15 x $\frac{1.25 + 0.40}{2}$ x 3.8 =			129.076 m ³
		1 x 2 x 12.30 x $\frac{1.25 + 0.40}{2}$ x 3.8 =			64.538 m ³
Less for R.P.C		6 x 2 x 0.785 x 1.23 x 0.625 =			8.872 m ³

Continuation

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
Parapet	4	2	6.15	0.40	0.60	11.808 m ³
	2	1	12.30	0.40	0.60	5.904 m ³
						202.454 m ³
11/ E/W in excavation for Box						
Cutting						
	2	7	30.00	0.525	0.10	22.05 m ³
	2	1	16.00	0.525	0.10	1.68 m ³
	2	10	30.00	0.375	0.175	39.375 m ³
	2	5	30.00	0.375	0.175	19.687 m ³
						82.792 m ³
12/ Cont. of embankment						
with material obtained						
	1000.00	7.27	0.23			1800.00 m ³
Below Box Cutting						
60% of item (11)						
						60% of 82.792 m ³ = 49.675 m ³
13/ Construction of Subgrade						
and Earthen shoulder						
	10	30.00	7.276	0.30		654.84 m ³
	10	30.00	7.276	0.30		654.84 m ³
	10	30.00	7.276	0.30		654.84 m ³
	4	25.00	7.276	0.30		218.28 m ³
						2182.80 m ³
(a) For Lead upto 1000m						
30% of 2182.80						654.84 m ³
(b) For Lead upto 100m						
70% of 2182.80						1527.96 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14/ Providing and laying 300mm dia duct pipe					
	5	4	2.50		50.00m
15/ Construction of G.R. I					
	10	30.00	4.05	0.20	243.00m ²
	10	30.00	4.05	0.20	243.00m ²
	10	30.00	4.05	0.20	243.00m ²
	6	30.00	4.05	0.20	145.80m ²
	2	7	30.00	0.525	22.05m ²
	2	7	16.00	0.525	1.68m ²
	2	7	30.00	4.05	170.10m ²
	2	7	16.00	4.05	12.96m ²
	2	7	30.00	0.375	22.50m ²
	2	5	30.00	0.375	11.25m ²
					115.79m ²
16/ Providing laying and setting L.B.M. G.R. III					
	10	30.00	3.75	0.075	84.375m ²
	10	30.00	3.75	0.075	84.375m ²
	10	30.00	3.75	0.075	84.375m ²
	2	7	30.00	3.75	59.062m ²
	2	7	16.00	3.75	118.125m ²
	2	7	16.00	3.75	4.500m ²
	2	7	30.00	0.375	16.875m ²
	2	5	30.00	0.375	8.437m ²
					341.99m ²
17/ Construction of embankment with approved material					

Continuation

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
(a)	2	10	30.00	1.60	0.40	384.00 m ²
	2	10	30.00	1.60	0.30	288.00 m ²
	2	10	30.00	1.70	0.40	408.00 m ²
	2	10	30.00	1.60	0.30	288.00 m ²
	2	10	30.00	1.80	0.40	432.00 m ²
Wide TMB Page No (3)						1800.00 m ²
For Lead up to 1000 m						
30% of 1800.00 m ²						= 540.00 m ²
For Lead up to 1000 m						
70% of 1800.00 m ²						= 1260.00 m ²
Sluice 16-08-21 S.E.						

Continuation

Particulars of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 P&F Ranch Mark pillar					
atg. vide item 1(a) P(1)					
				= 3 Nos	
@ Rs 3904.64				= Rs	11713.92
2/2 Reference pillar					
atg. vide item no 1(b) P(1)					
				= 8 Nos	
@ Rs 1768.72				= Rs	14149.76
3/3 P&F Logo of MANDAL					
atg. vide item no (2) P(1)					
				= 2 Nos	
@ Rs 9224.59				= Rs	18449.18
4/3 Clearing and grubbing road land					
atg. vide item no. (3) P(1)					
				= 1.516 Ha	
@ Rs 51133.76				= Rs	77518.00
5/36 Dismantling of RCC					
atg. vide item no. (4) P(2)					
				= 0.60 m ³	
@ 489.74				= Rs	290.84
6/37 Stone/Brick masonry					
atg. vide item no (5) P(2)					
				= 17.33 m ²	
@ Rs 231.77				= Rs	4016.57
7/38 HP up to 600 mm dia					
atg. vide item (6) P (2)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				= 750 m	
@ Rs 174.78				= 14	1310.00
8/31 E/W in excavation for foundation					
at 4. wide item no (7) P (2)					
				= 177.531 m ³	
@ Rs 269.32				= 14	47812.00
9/32 providing RCC MS grade in					
levelling course					
at 4. wide item no (8) P (2)					
				= 27.258 m ³	
@ Rs 4703.66				= 14	128212.00
10/34 P42 RCC MP 31000 in dia 100					
at 4. wide item no (9) P (2)					
				= 45.00 m	
@ Rs 3679.99				= 14	165599.00
11/33 P42 RCC MP 20 in substructure					
at 4. wide item no (10) P (3)					
				= 202459 m ³	
@ Rs 5469.22				= 14	110788.00
12/4 E/W in Box cutting					
at 4. wide item no (11) P (3)					
				= 82.792 m ³	
@ Rs 74.16				= 14	6140.00
13/5 Cost of embankment with					
material obtained from Box cutting					
at 4. wide item no (12) P (3)					

Continuation

Continuation

Continuation