

Schedule XLV-Form No. 134

PM657 Mohanpur Rd. to Baluchh

Mahadul 45kg **DIVISION**

Sheeghadi **SUB-DIVISION**

1506

MEASUREMENT BOOK

1.

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	HEAD - mshsy (NDB)				
N/W -	Const ⁿ of road				
	from - pshsy menchampur				
	Road to Baludih Mahadevi				
	to do -				
Length -	Total = 1910 M				
Agency	Crage Birej private limited				
Agreement no 14-SB/2023-24					
dated 13.12.2023					
check complin					
Received entry -					
(1)	providing & fixing of working bench pillars				
	marks & do				
	02 no				
(2)	Reference pillars do				
	08 nos				
(3)	Cleaning & Curbbing road land do do				
	2x 20x30x0.25 =				900 m ²
	2x 20x30x0.25 =				900 m ²
	2x 10x30x0.25 =				450 m ²

Continuation T = 2250 m²
 0.225 ha.

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Recanal entry.					
for Hip culvert 600mm					
(44) H.W. intervention in foundation slabs.					
H.W. =	2	3.90	1.150	1.500	13.455 m ³
Below pipe	1	5.350	1.130	0.365	2.207
				T. =	15.662
Say 6 nos					93.972 m
(45) Providing mis grade per as levelling course done					
H.W. =	2	3.90	1.100	0.150	1.3735 m ³
Below pipe	1	3.511	1.130	0.250	1.5004 m ³
Lev pipe	0.2	0.00	0.850	0.830	0.791
				Total	2.054 m ³
Say 6 nos					12.324 m ³
(6) providing concrete for plain/reinforced concrete in open foundry do (Misc grade.)					
H.W. =	2	3.600	0.200	0.700	14.011 m ³
parapet	2	3.600	0.400	0.600	1.728 m
Lev pipe	2	0.785	0.830	0.150	0.524 m
				T. =	15.165 m ³
Say 6 nos					99.97 m ³

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(7) providing and laying reinforced Cement Concrete pipe N/3 for culvert chords					
	3 X	2.50 m			= 7.50 m
	Qty - 6 Nos				X 7.50 = 45 m
(8) 1000mm dia Hp Culvert chords					
	2 in				
H.W.	24	6.45	1.40	1.50	= 27.090
Below	1 X	4.85	1.50	0.265	= 2.708
					- 29.798 m
(89) providing M/S grade RCC in debelky					
H.W.	2 X	6.45	1.40	0.150	= 2.709
below	1 X	4.931	1.50	0.250	= 1.886
Less pipe	0.250	0.757	1.230	5.496	= 1.63
					- 2.962
(90) 11.10.2024					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(90) providing concrete for plain/Rinforced concrete in open foundation - etc -					
H.W =	2x6.150	x0.825	x2.380	= 26.181	
Propel	2x6.150	x0.400	x9.600	= 5.952	
					32.085
less fire	2x0.785	x1.230	x0.622	= 1.478	
					T= 30.607
(10) providing end layer reinforcement concrete concrete N.D.S					
	H/W	1m	diameter		
	2x2.50			= 7.500m	
(12) providing & fixing logo band of project masonry work etc - etc					
Maly 9.10.2024 22					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(12) Earth work					
Excavation of embankment					
with apron					
material deposited					
at side d. also					
CH. D	Area in m ²	Mean Area	Distance	Volume m ³	
50	5.188	5.292	50	=	264.825
100	5.683	5.426	50	=	271.775
150	5.693	5.688	50	=	284.400
200	5.288	5.491	50	=	274.525
250	5.593	5.466	50	=	273.275
300	5.112	5.380	50	=	256.200
350	4.288	4.953	50	=	234.275
400	5.439	5.114	50	=	255.625
450	8.072	6.756	50	=	337.775
500	4.758	6.415	50	=	320.750
550	4.683	4.721	50	=	236.025
600	5.340	5.012	50	=	250.525
650	5.264	5.302	50	=	265.100
700	6.365	5.815	50	=	290.225
750	5.411	5.888	50	=	294.400
800	0.00	0.00	50	=	0.00
1200m	5.866	2.933	50	=	58.660
1250m	5.151	5.509	50	=	275.425
1300m	6.233	5.692	50	=	284.600
1350m	7.914	7.074	50	=	353.625
1400m	5.829	7.372	50	=	368.525

Continuation T=

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Ch. 17M	Area	Mean	dist		Volume m ³
1450 M	7.973	7.401	50	=	370.050
1500 M	6.326	7.125	50	=	358.725
1530 M	7.868	7.122	50	=	352.100
1600 M	6.786	7.322	50	=	366.350
1650 M	5.513	6.150	50	=	307.425
1700 M	6.031	5.772	50	=	288.610
1750 M	6.242	6.139	50	=	306.950
1800 M	5.722	5.985	50	=	299.225
1850 M	5.619	5.671	50	=	283.525
1900 M	5.210	5.425	50	=	270.725
1910	5.616	5.415	70	=	54.130
Total Area m ²					5750.240

deduction for subgrade		(-)	3105 m ³
Earthwork for subgrade		(-)	267.5 m ³
L.S.B.		(-)	1215 m ³
W.B.M.		(-)	422 m ³
Net total quantity			3629.5 m ³
(13) A			3629.5 m ³ 70% 100 m level
			= 2540.65 m ³
			Level 1000 m
(14) (B)			= 1088.85 m ³
(15) Cons. 2 of subgrade			
and kerbs shoulder work			
10x30x6.80x0.30			
			= 621 m ³
10x30x6.80+7.40x0.30			
			= 621 m ³

Continuation

T = 1242 m³

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
		Bf Qty:			8242m ³
		10x30m	7.0	16.80	10.300
					= 621m ³
		10x30x	6.50	7.00	10.300
					= 621m ³
		10x30x	6.80	7.00	10.300
					= 621m ³
		Total Qty = 3105m ³			
A Land upto 100 m 70% = 2173.5m ³					
B Land upto 1000 m 30% = 931.5m ³					
(17) Length of curb					
by providing					
concrete					
now water already done					
		1x30m	4.50	4.05	10.200
					= 25.95m ³
		10x30m	4.05	10.200	243m ³
		10x30x	4.05	10.200	= 243m ³
		10x30x	4.05	10.200	= 243m ³
		10x30x	4.05	10.200	= 243m ³
		9x30x	4.05	10.200	= 218.7m ³
		Total Qty: 1216.62m ³			
Acc/21 10/12/2024 52					
21/12/2024 10/12/2024					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	ABSTRACT of Cont.				
(1)	Setting out pillars & anchor marks looking p/cor. U.S. side City side Tmap 1 item no 1				
02 Nos	@ 4228.37 / each =				8458.74 = 0
(2)	Setting out pillars City side Tmap 1 item no 2				
08 Nos	@ 1964.75 / each =				15718.00 =
(3)	Clearing & leveling road land divide City side Tmap 1 item no 3				
0.225 Hect	@ 25874.29 / Hect =				17009 =
(4)	2/10 in Embankment with 100m level divide City side Tmap 5, 6 item no 13				
2540.65 m ³	@ 185.83 / m ³ =				472129
(5)	6 in Embankment level up to 100m divide City side Tmap 6, 7 item 4				
1088.85 m ³	@ 258.63 / m ³ =				281605
Continuation					T = 7,94,765

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[illegible]

Continuation T-3951447-2

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(11/5) cord'g of hp culvert bridge providing pcc M/S grade as leveling compound Qty m ² trap 2 item 5			13/8	16.7	3951447.0
12.32 m ³ @ 5530.13/m ³ /ft = 68153.0					
(12/26) providing pcc M/S grade in open land h/d Qty m ² trap 2 item 6					
99.99 m ³ @ 5530.13/m ³ /ft = 550234.0					
(13/27) providing & laying reinforced cement concrete pipe R/P 3 dia Qty m ² trap 3 item 7					
45200 m ³ @ 3170.26/m ³ ft = 142662.0					
(14/28/30) E/W in excavation in found / 100mm dia hp culvert also Qty m ² trap 3 item 8					
29.276 m ³ @ 398.60/m ³ = 11877.0					
TOTAL QTY					47,14373.

Continuation

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Particulars	Details of actual measure			Contents of area
	No.	L.	B. D.	
			DF Rs =	47,143.3:
(15) 31	providing premix			
	grade in country road			
	Qty side trap-3			
	Item no 9			
	2.96 m ³ @ 5530.13/m ³ Rs =			16380 =
(16) 32	providing concrete for			
	play/reinforced in			
	open fourth - 2.06			
	Qty side trap-4			
	Item no 10			
	30.602 m ³ @ 5530.13/m ³ =			169129.3 =
(17) 33	providing reinforced			
	concrete drain 3			
	100mm HP pipe below			
	Qty side trap-4			
	Item no 11			
	7.50 m @ 6850.26/m =			51002 =
			Ts =	49,63,478
	Add of GST @ 18%		Rs =	943061 =
	And L.L. charges 1%			
	Add of fee -		Rs =	113000 =
	Total		Rs =	60,16,531
	Below 13 per 100	19.99%		120270
	Total		Rs =	48,13,833:
(18) 34	10-12-2024			
	10/12/2024			

Continuation