

Graya Peth Shila Road to Habibpur
Schedule XLV-Form No. 134

मजस सख्शदातः कमत मम मस्य (सस)

E. E. R. W. D. (W) **DIVISION**
LH 11/17

A. E. R. W. D. (W) **SUB-DIVISION**
Saddak - LH 11/17

MEASUREMENT BOOK

3045

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 Craga Preshila Road to habibpur with five year maint ⁿ under wheel - mmmsy.					
Agency: - M/S Saraswati Construction Craga.					
No & date of agreement.					
116/mmmsy(SC)/SBD/2020-21/1-3-21					

Date of work order
 01.03.2021

Date of Completion of work
 31.12.2021

work done

① Construction of Bench Mark & reference pillar - do do. all cap job.

① Constⁿ of reference & working Bench mark - do do

1 x 0.829 km = 0.829 km

2nd & Final Bill

2nd & Final Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of road from Ganga prashada Road to habipur with five year maint ⁿ under head - mmbsys					
Agency:- M/s Suresh Construction Ganga.					
Mod Date of agreement - 11/6/2020					
116/ MMH Sy (SC) / SBD / 2020-21, 01.3					
Date of work order 01-03-2021					
Date of Completion of work 31-12-2021					
Work done.					
① E/W in excavation in foundation					
- do - do -					
600mm	2x	3.90	1.24	1.50	14.51m ³
	1x	6.22	1.02	0.30	1.90m ³
1000mm	2x	6.30	1.40	1.50	26.46m ³
	1x	8.90	1.50	0.30	2.66m ³
					= 45.53m ³
② Pinst Gaining P.C.C in foundation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
do do					
600 m ²	2x	3.90	1.24	0.15	= 1.45 m ³
1000 m ²	2x	6.30	1.40	0.15	= 2.65 m ³
					= 4.10 m ³
(3) Part laying P.C.C. 1" in foundation					
do do					
600 m ²	2x	3.60	0.865	1.35	= 8.41 m ³
beluppe ferro pipe	1x	6.22	1.020	0.25	= 1.59 m ³
1000 m ²	2x	6.0	1.025	1.35	= 16.61 m ³
	1x	5.90	1.50	0.25	= 2.210 m ³
					= 28.82 m ³
Qty					
7.5622					
(4) Part laying P.C.C. 1" in foundation					
the do do					
1000 m ²	2x	6.0	0.533	1.80	= 11.52 m ³
	2x	6.0	0.40	0.60	= 2.88 m ³
Decid Pipe	$2 \times \frac{\pi}{4} \times (1.20)^2 \times 0.60$				= 0.36 m ³
600 m ²	2x	3.60	0.48	1.12	= 3.87 m ³
Pipe	$2 \times \frac{\pi}{4} \times (0.72)^2 \times 0.52$				= 0.42 m ³
					= 16.49 m ³
(5) Part laying 1st mark H.Pipe do					
do do					
600 m ² Pipe					
	3×2.50				= 7.50 m ³

ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Const ⁿ of Berch mud & refan pillen - do - do for					
① Construction of ^{berch} Berch mark					
= 0.829 km - note MB-⑥					
@ 3748.35/km					Rs 310720
① Const ⁿ of refan pillen.					
= 0.829 km - note MB-⑥					
@ 1702.04/km					Rs 141112
② Clearing & grubbing sand cut					
= do - do for					
@ = 0.58 Hq - note page ⑥					
@ 52998.24/Hq					Rs 307394
③ Const ⁿ of embankment do - do					
do do					
① Clear 1000 mtr.					
= 746.94 m ³ - note ⑥					
@ 192.03/m ³					Rs 14343510
① Clear 1000 mtr 100 mtr.					
= 1742.86 m ³ note page ⑦					
@ 154.58/m ³					Rs 26941110

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Const 10y consolidation ^{Sub grade} consolidation ^{do do}					
do do					
= 1932.36 - Root (A) - Key (4)					
= 814.93 - Key (15)					
= 2746.97 m ³					
= 2747.33 m ³					
@ 176.64 / m ³					485288
⑤ Const 10y 6.5.3 do do do 1/2					
= 680.79 m ³ - Key (7)					
= 9.58 m ³					
= 690.37 m ³					
cont = 690.32 m ³					
@ 1808.80 / m ³					1238883
⑥ P.W. lining W.B.M. 14 do					
do					
= 234.18 m ³ - Key (2)					
= 3.47 m ³ - Key (13)					
= 237.65 m ³					
@ 2351.20 / m ³					558762.0
⑦ E/W in excavation do do					
E/D					
= 45.53 m ³ - Key (10)					
@ 305.42 / m ³					13906.0
⑧ P.W. lining P.C.C. 1 1/4 Portland					
do do E/D					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Retra fandi Sign. beam					4028'w
(18) Kilometer Sign					
(19) Km Stone					
= 2.0 m				Regr (14)	
@ 2013.77/m				Regr	4028'w
(20) 200m Sign					
= 4.0 m				Regr (14)	
@ 577.75/m				Regr	2311'w
(21) boundary pillar					
= 16.0 m				Regr (14)	
@ 519.85/m				Regr	8518'w
(22) Painting two coats					
do do					
= 66.96 m ²				Regr (14)	
@ 99.17 /m ²				Regr	6640'w
(23) Logo Sign.					
= 3.0 m				Regr (15)	
@ 9245.87/m				Regr	27738'w
(24) Retra reflektus Sign beam					
(25) 600m equalizer Sign					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\Sigma 8.0 \text{ m}$ —————				Page (15)	
⑩ 3391.23/m				Q	27130.10
⑪ 600 x 450 mm Rectang.					
⑫ $\Sigma 4.0 \text{ m}$ —————				Page (15)	
⑬ 4450.73/m				Q	17803.10
⑭ 900 octagon d.					
$\Sigma 2.0 \text{ m}$ —————				Page (15)	
⑮ 8186.25/m				Q	16374.10
⑯ Road marking d.					
$\Sigma 166.0 \text{ m}^2$ —————				Page (15)	
⑰ 735.89/m ²				Q	122012.10
					$\Sigma 401778.10$
Add 12% CST					$\Sigma 482134.10$
Add 1% C.Ces					$\Sigma 40177.10$
					$\Sigma 454009.60$
Ces as per agreement 0.02%					$\Sigma 908.10$
Add S.F 2%					$\Sigma 453918.60$
Ces from					$\Sigma 90000.10$
					$\Sigma 4629188.10$
Ces from					$\Sigma 2840270.10$
Contribute					$\Sigma 1788918.10$
work completed after					
specification					
26.10.22				26.10.22	
26.10.22				A.E	