

Repair Kunal

mmgsy (S.C)

Schedule XLV-Form No. 134

RCD work for pmnsy **DIVISION**

1021 Haddaspur to Nangharaya **SUB-DIVISION**

A/c no 35561529173 SBI Bank Hyderabad
SBIN 0002908

MEASUREMENT BOOK

सिन्धु नगर, ग्वाल्छर

7481

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.	
1st Bill					
Name of Work:- Construction & five years maintenance of Road & CD Work for PMGSY					
Logo Handover to Nanghariva under PMGSY					
Agency - Vipul Kumar Ghansurpur, Salimpur, Patna-800002					
Agreement no - 90/500/2020-2021					

Accepted Rate - 0.81 % Below.

Agreement Value - Rs 76,85,664 = 0

Date of work order - 07-12-2021

Date of completion - 06/09/2022

Date of measurement - 04/06/2022.

Work-done

Item ① Provision of Hiring & Working benchmark pillar & etc

Qty - 0.835 km

Item ② Clearing & grubbing road sand & etc

$1 \times 10 \times 20.00 \times 6.00 = 1200.00 \text{ m}^3$
 90 1200.00 m³

Continuation



Particulars	Details of actual measurement				Examples of area
	No.	L	B	H	
					100' x 100' 00' 00"
2/10m (a) Ground/Excavation/Graveling					
1000' (1000')					
		1718.90	11.20		19252.38 m ²
		1774.90	6.00		10649.94 m ²
		1714.95	6.00		10289.70 m ²
					50191.02 m ²

$$= \text{Hect} = 50191.02 \text{ m}^2 / 10000 = 5.0191 \text{ Hect}$$

2/10m (a) Construction of embankment
- amount in the material
obtained from borrow
bits - ... - dr - dr

E/W calculation
is given below as per
chart: —

Sl No	CH	Area (m)	Mean Area (m ²)	Dist m	Volume (m ³)
1	0	1.076	-	-	-
2	50	1.728	1.40	50	70.10 m ³
3	100	1.703	1.72	50	85.15 m ³
4	150	1.790	1.75	50	87.33 m ³
5	200	1.729	1.76	50	87.98 m ³
6	250	1.832	1.78	50	89.03 m ³
7	300	1.835	1.83	50	91.68 m ³
8	350	1.813	1.82	50	91.90 m ³
9	400	1.904	1.86	50	92.93 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd on A/C & Final Bill					
Name of Work: Construction & five years main-					
- tenance of Road and CP Work					
for PMSY 2021 Hardscape to					
Naugachaya under MMSY (SE)					
Agency - Vipul Kumar, G/answari, Salimpur,					
Patna - 803902.					
Agreement no - 20/5120/2020-21					
Accepted Rate - 0.81% below.					
Agreement Value - Rs 76,85,664/-					
Date of work order - 07/12/2021					
Date of completion - 06/09/2022					
Date of measurement - 20/01/2023					
work done					
Item ① Construction of embank-					
ment with material					
obtained from borrow					
pits - do - do - etc					
Earth work calculation					
is given below as per					
chart:-					
Sl No	CH	Area	mean Area	disk	volume
	(m)	(m ²)	(m ²)	(m)	(m ³)
1	0	4.808	-	-	-
2	50	5.645	5.23	50	261.33 m ³
3	100	5.696	5.64	50	282.00 "

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item ① Contd. (E/W Chaff)					
Sl No	CH	Area	Mean Area	Distance	Volume
	(M)	(M ²)	(M ²)	(M)	(M ³)
4	150	5.786	5.71	50	285.53 m ³
5	200	5.670	5.73	50	286.40 "
6	250	5.865	5.75	50	287.38 "
7	300	5.819	5.83	50	291.70 "
8	350	5.836	5.84	50	291.98 "
9	400	5.992	5.91	50	295.70 "
10	450	5.869	5.93	50	296.53 "
11	500	6.030	5.95	50	297.48 "
12	550	5.931	5.98	50	299.03 "
13	600	5.910	5.93	50	296.28 "
14	650	6.079	6.00	50	299.78 "
15	700	5.860	5.97	50	298.48 "
16	750	5.780	5.82	50	291.00 "
17	800	6.043	5.91	50	295.58 "
18	825	6.160	6.10	35	213.55 "
Total E/W Right with Crst =					4869.878 m ³
Total E/W Right with Subgrade =					4869.88 m ³
<u>Loss Crst.:</u>					
Subgrade (-)					1760.81 m ³
G.S.B (-)					314.35 m ³
W.B.M (-)					239.515 m ³
P.C.C (-)					510.960 m ³
Net E/W Right =					2039.243 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item ② Construction of curb.					
- grade kerb stone sl.					
- or/den - do - etc.					
Grades of R.C. Road					
$2 \times 10 \times 30.00 \times 0.65 \times 0.160 =$					$60.00 m^3$
$2 \times 10 \times 30.00 \times 0.65 \times 0.160 =$					$60.00 "$
$2 \times 7 \times 30.00 \times 0.65 \times 0.160 =$					$42.00 "$
$2 \times 1 \times 25.00 \times 0.65 \times 0.160 =$					$5.00 "$
					$167.00 m^3$
Item ③ Prov. Laying of R.C.					
pipe gut, 300mm dia					
across the road etc.					
				Qty =	$30.00 M.$
Item ④ R.C.C. m-15 grade					
km. Stone - do - etc.					
(i) km Stone					$2.00 nos$
(ii) 200 M Stone					$3.00 nos$
Item ⑤ Prov. Laying of net no.					
- prefabricated rectangular					
mandatory transformer					
sign - do - do - etc.					
(i) 600mm eq. triangle					$1.00 nos$
(ii) 600 mm Circular					$1.00 nos$
(iii) 800 x 600 mm rectangular					$2.00 nos$

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	sq	l	ft	in	
Long bridge up to north					
① Length 118 492 0					
10 1/2 ft side 20 70 10					1456.00
Area under pavement					
side 7 m. 10 ft (11)					7956.00
				12	79,762.00
<i>(11) ft.</i> <i>20/10/03</i> <i>J. H.</i>					
<i>Subscribed</i> <i>20/11/03</i> <i>J. H.</i>					

ABSTRACT OF COST					
①	Clearing & grubbing beach, marsh, fill etc. etc.				
	p. 235 km. side 7 m. 10 ft. (14)				
	at Rs	1206	107	10	10,322.00
②	clearing & grubbing road, track, etc. etc.				
	p. 500 ft. side 7 m. 10 ft. (14)				
	at Rs	51	16	175	25,581.00
③	Construction of embankment with material supplied from borrow pits ... etc. etc. etc.				
	at Rs 35,903.00				

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				13.6	35903=00
Item ③ contd (C/W)					
2039.243 m ³ wide TMB Page ②					
els 176=86/m ³ — ls					360661=00
④ Construction of sub					
grade & weather floor					
- 1000 - - do - do - etc.					
1593.807 m ³ wide TMB Page ②					
167.00 m ³ wide TMB Page ②					
1760.807 m ³ els 161=56/m ³ — ls					284476=00
⑤ Construction of sub					
by brick well & graded					
material 1000 - do - etc.					
319.35 m ³ wide TMB Page ②					
els 2797.96/m ³ — ls					893529=00
⑥ Pav. Laying & spreading					
& compacting stone app-					
- requires of specific stone					
to W.R. 1000 - do - etc.					
299.515 m ³ wide TMB Page ②					
els 3155=86/m ³ — ls					827700=00
⑦ Construction of masonry					
- faced, joint only P.C.C.					
parament 1000 thick					
- - - do - do - etc.					
510.96 m ³ wide TMB Page ②					
els 6472=63/m ³ — ls					3207255=00
4000 5709656=00					

Continuation

PFO



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.P. 5709.554 = 00
(8) Laying brick Soling					
Laying on prepared emb					
grade with brick on end					
edging --- do --- do --- etc.					
417.50 m ² vide TMB Page (17)					
at 468 = 85/m ² — B					195745 = 00
(9) Prov. & Laying of 4" Rec					
pipe duct, 300 mm dia					
across the road --- do --- etc.					
30.00 M. vide TMB Page (21)					
at 838 = 07/m — B					25142 = 00

(10) R.L.C.M. 15 grade					
km Stone --- do --- etc.					
2.00 nos vide TMB Page (21)					
at 2237 = 21/each — B					4460 = 00
(11) R.L.C.M. 15 grade					
200 M. Stone --- do --- etc.					
3.00 nos vide TMB Page (21)					
at 606 = 84/each — B					1824 = 00
(12) Prov. & Laying of 4" Rec					
reflexed bottoming					
triangle --- do --- etc.					
1.00 nos vide TMB Page (21)					
at 3389 = 68/each — B					33900 = 00

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C/P 5940/22 = 00

Continuation

D.T.O.



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				19 Feb 59	41122.00
(13) Per. X firing station					
reflectors 600 mm					
Circular barrel board					
1.00 nos. side T.M.B. Page (21)					
chs 4526-43/each - 15					4526.00
(14) Per. X firing station					
reflectors 600 mm					
mm rectangular barrel					
--- do --- do --- etc					
2.00 nos. side T.M.B. Page (21)					
chs 6269-11/each - 15					12536.00
(15) Per. X firing station					
reflectors 600 x 450					
mm rectangular barrel					
--- do --- do --- etc					
2.00 nos. side T.M.B. Page (22)					
chs 4407-29/each - 15					8819.00
(16) Per. X firing station					
& Place identification					
reflectors sign					
--- do --- do --- etc					
2.00 nos. side T.M.B. Page (23)					
chs 2126-76/each - 15					4250.00
(17) Per. X firing station					
reflectors sign barrel					
with legs - do --- etc					
				chs 5970-55/each	

Continuation

PTO



Particulars	Amount of current account				Balance
	To				By
					20,000/-
1. 1.18					
2. 1.18					
3. 1.18					
4. 1.18					
5. 1.18					
6. 1.18					
7. 1.18					
8. 1.18					
9. 1.18					
10. 1.18					
11. 1.18					
12. 1.18					
13. 1.18					
14. 1.18					
15. 1.18					
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91. 1.18					
92. 1.18					
93. 1.18					
94. 1.18					
95. 1.18					
96. 1.18					
97. 1.18					
98. 1.18					
99. 1.18					
100. 1.18					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	H.	
Side (2) 1/2					Rs 17,397.00
117.52/104.07 P.P. (16)					
side 23.12/10					Rs 11,429.00
					Rs 63,290.26 = 00
Add Cost 12% (1)					Rs 7,594.83 = 00
Add L. 1% (1)					Rs 632.90 = 00
Add 1/2% storage					
side T.M. Page (20) (1)					Rs 799.62 = 00
					Rs 72,317.61 = 00
Less 0.31% Below as per agreement (1)					Rs 225.77 = 00
					Rs 71,731.84 = 00
Deduct previous payment					
side T.M. Page (17) (1)					Rs 48,707.39 = 00
					1
Work has been Completed as per spec. & direct. of E.P.					Rs 23,024.45 = 00
Nothing is dues with Contractors with this work					
Subst					
20/01/23					20/01/23
J.E.					
अंतिम मापी से संतुष्ट हूँ!					
विपुल कुमार					
20/01/23					