

Ajit Kumar
Priyadarshi

PMGSY (SC)

P-51

Measurement Book

Schedule XLV-Form No. 134

PMGSY 2021 to Bindoli

DIVISION

Payee ID - PT505129

SUB-DIVISION

सहायक अभियन्ता, Bahhtiarpur

7346

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3rd year maintenance					
Name of work:- Construction & five years					
Maintenance of Road					
from Ambikya Loh to Bina					
Tol under Ambikya (SC)					
Agency:- Ajit Kumar Priyadarshi,					
B-46, Ambadkar Path Anand					
Bihar, Rukampura, Patna					
Agreement no:- SB/20/2019-20					
Rate Approved:- 2.75% Below.					
Agreement Value:- Rs 64,54,163=00					
Date of commencement:- 17/03/2020					
Date of completion:- 16/12/2020					
Actual date of completion:- 10/4/2021					

Date of measurement:- 8/4/2024.

Work done

Item ① Restoration of rain water					
Box m ³ with soil:- etc.					
8	2.50	0.90	0.30		5.40 m ³
10	2.00	1.00	0.30		6.00 "
1	15.00	0.90	0.30		4.05 "
4	5.00	0.75	0.30		4.50 "
6	4.00	1.00	0.30		7.20 "
2	10.00	0.80	0.30		4.80 "
10	7.50	1.00	0.30		10.50 "
6	2.50	1.00	0.30		4.50 "
7	4.60	1.00	0.30		9.66 "
					56.61 m ³

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item ② Marking up of bars / shoulder, stepping & cross bar' - - - - - etc.					
	10	5.00	1.00		50.00 m^2
	6	4.00	0.90		21.60 m^2
	4	4.50	0.75		13.50 m^2
	1	30.00	0.60		18.00 m^2
	2	15.00	0.70		21.00 m^2
	5	10.00	0.75		27.50 m^2
	1	20.00	0.60		12.00 m^2
	4	6.00	1.00		24.00 m^2
	8	4.25	1.00		34.00 m^2
	15	2.00	0.90		27.00 m^2
	3	7.00	1.00		27.00 m^2
	4	4.00	0.80		12.80 m^2
	5	4.30	0.75		16.13 m^2
					314.53 m^2
Item ③ Repair of pot holes filled with 75mm WBM - etc.					
	1	3.00	0.75	0.075	0.17 m^3
					0.17 m^3
Item ④ Patch repair over pot holes with 20mm fine 2500 cement - etc.					
	4	7.00	0.75		9.00 m^2
	6	2.50	0.90		13.50 m^2
	1	30.00	0.60		12.00 m^2
					34.50 m^2

Continuation

PTD

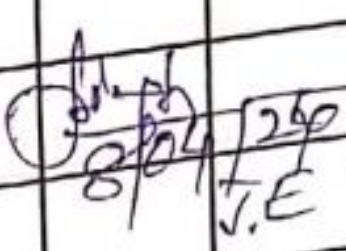
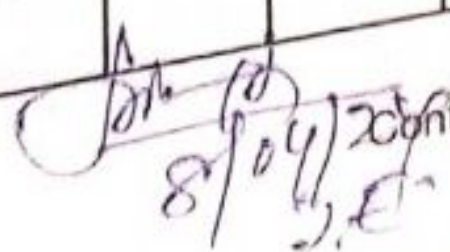
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$BF = 34.50 m^2$
	10	1.00	1.00		$= 10.00 "$
	5	3.30	0.70		$= 11.55 "$
					$56.05 m^2$
Item (5)	Patch repair over BT surface with 40 mm mix seal surfacing				
	---do---do--- etc.				
	4	5.00	0.40		$= 18.00 m^2$
	2	3.00	0.75		$= 12.00 "$
	1	0.90	0.80		$= 0.72 "$
	3	3.00	0.70		$= 6.30 "$
	1	0.70	0.40		$= 0.28 "$
	5	1.50	1.00		$= 7.50 "$
	2	1.25	0.90		$= 2.25 "$
	4	1.00	1.00		$= 4.00 "$
	1	7.30	0.70		$= 5.11 "$
					$56.16 m^2$
Item (6)	Filling of cracks & joints using liquid bituminous sealants				
	---do---do--- etc.				
	$(26 \times 30.00) + 19.00 m = 799.00 m$				

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (7) Maintenance of Hume pipe culvert - do etc					Qty = 2.00 nos
Item (8) Road marking with hot applied thermopla- -etc (amp or m) - do etc					
					$2 \times 10 \times 30.00 \times 0.10 = 60.00 m^2$
					$2 \times 10 \times 30.00 \times 0.10 = 60.00 m^2$
					$2 \times 6 \times 30.00 \times 0.10 = 36.00 m^2$
					$2 \times 1 \times 19.00 \times 0.10 = 3.80 m^2$
					159.80 m ²
Item (9) Maintenance of Road lights - do - - etc					Qty = 0.80 km
Item (10) Maintenance of 200 m & 1 km Stone - do - etc					Qty = 0.80 km
Item (11) Cutting of branches of trees & shrubs - do - etc					Qty = 5.00 nos

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (12) Cutting of Shrubs from roadway - do - etc.					
				Qty =	799 m ³
Item (13) Trimming of grass & weeds - do - etc.					
2 x 10 x 30.00 x 1.125 =					675.00 m ³
2 x 10 x 30.00 x 1.00 =					600.00 m ³
2 x 6 x 30.00 x 1.125 =					405.00 m ³
2 x 4 x 13.00 x 1.125 =					117.00 m ³
					1797.00 m ³
Item (14) White washing of parapet walls - do - etc.					
4 x 4 x 6.00 x 0.40 =					38.40 m ³
2 x 1 x 3.00 x 0.60 =					3.60 m ³
					42.00 m ³
 8/04/24 J.E.					
Material statement					
(i) Earth					89.64 m ³
(ii) Stone agg					3.94 m ³
(iii) Emulsion					0.031 m ³
(iv) Bitumen (5-90)					0.226 m ³
 8/04/24 J.E.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Seigniorage —				1070	
(I) Earth —					
10% of 23278/m ³ —				Rs	213500
(II) Pot holes —					
0.17 m ³					
10% of 72160/m ³ —				Rs	12000
(III) Patch repair (56.05 + 56.16)					
= 112.21 m ² 10% of 13274/m ² —				Rs	14900
				Rs	37400
<u>8/04/24</u> J.E <u>29/4/24</u> A.C					

ABSTRACT OF COST					
(I)	Restoration & rain water				
	berms with soil - do - etc				
	56.61 m ³ vide T.M.B page (55)				
				Rs	148900
(2)	making up of berms /				
	shoulder - do - etc				
	314.53 m ² vide T.M.B page (56)				
				Rs	1786800
(3)	Repair of pot holes filled				
	with 75 mm W.B.M. - do - etc.				
	0.17 m ³ vide T.M.B page (56)				
				Rs	157300
				Rs	4993000

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs 40930.00
(4)	Patch repair over pot holes with 20mm p.m.c.				
	--- do --- do --- etc.				
	56.05 m ² vide T.M. Page (57)				
	Rs 242.03/m ² — Rs 13566.00				
(5)	Patch repair over BT surface with 20mm p.m.c.				
	--- do --- do --- etc.				
	56.16 m ² vide T.M. Page (57)				
	Rs 257.98/m ² — Rs 14449.00				
(6)	Filling & cracks and joints. — do --- etc.				
	749.00 m. vide T.M. Page (57)				
	Rs 3.67/m — Rs 2932.00				
(7)	Maintenance of Home pipe culvert. — do --- etc.				
	2.10 No. vide T.M. Page (58)				
	Rs 1102.01/No. — Rs 2206.00				
(8)	Road marking with hot applied therm. plastic compound. — do etc.				
	159.87 m ² vide T.M. Page (58)				
	Rs 736.00/m ² — Rs 117613.00				
(9)	Maintenance of Road sign. — do --- etc.				
	0.80 km. vide T.M. Page (58)				
	Rs 1054.28/km — Rs 843.00				
					Rs 192539.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B/Ls 1 92539=00
(10) Maintenance 990 m					
8 km. Stock - do - etc					
0.80 km. side T.M. 3 Page (50)					
el 614 = 11/km — Rs					491=00
(11) Cutting 4 branches of trees & shrubs - do - etc					
5.00 m. side T.M. 3 Page (50)					
el 106 = 12/each — Rs					531=00
(12) Cutting 4 shrubs from roadway - do - etc					
799.00 m. side T.M. 3 Page (50)					
el 6 = 5/each — Rs					520=00
(13) Trimming grass & weeds - do - etc					
1797.00 m ² side T.M. 3 Page (50)					
el 2 = 171/m ² — Rs					3899=00
(14) White washing & repair walls - do - do - etc					
42.00 m ² side T.M. 3 Page (50)					
el 15 = 83/m ² — Rs					665=00
					Rs 203326=00
Add 12% GST (+)					Rs 24399=00
Add 1% L. cess (+)					Rs 2033=00
					Rs 299758=00
Less 2.75% below as per agreement (-)					Rs 6318=00
					Rs 223440=00
Done 8/04/24 J.E.					
Continuation					
29/4/24					