

Head - MR-3054 (New Maint- Policy 2018)
REPAIR & MAINTENANCE FROM Tiyandipa
To Piyangpura Via Pajigampur Fathelpur

Schedule XLV-Form No. 134

EXECUTIVE ENGINEER

PAHIGANT

DIVISION

PAHIGANT

SUB-DIVISION

24/7/2015 - M/S Singh Construction Company. BND-643

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.	
1st on A/c Bill	2	2			
Name of Road - Repair & maintenance of					
Road from Jiwari Bigha to Piyaspara					
via Paighampur Fatahpur Block - Paliga					
Name of contractor - M/S Singh construction					
company at 103 Asha Kunj					
Patliputra station Road Ram					
Nagar sector - A Ashiyana Nagar					
Patna 8000025					
agreement No-02 M.B./M.R- 3054					

New maintenance Policy 2018/21-22
 Date of work order - 2.11.2021
 Date of completion -

1/1 clearing & grubbing Road					
land do-do					
2x	20x	30m	1.00	=	1200.00
2x	20x	30m	1.00	=	1200.00
2x	20x	30m	1.00	=	1200.00
2x	20x	30m	1.00	=	1200.00
2x	20x	30m	1.00	=	1200.00
2x	15x	30m	1.00	=	900.00
2x	1x	30m	1.00	=	60.00
2x	1x	20m	1.00	=	40.00
					7000.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4th 2 ft x 1 ft 8 1/2					
Name of work - Repair & maintenance of Road from Siwan Bigha to Prayagrah via Raighampur Panchayat Block - Paliganj					
Name of contractor - M/s Singh construction company at 103 Old Kung Padli Panchayat Station Road Ram nagari sector 2 Patna 800005					
Agreement No - 02/0720/18-3059					
KED maintenance policy					
2018/21-22					

Date of work completion - 2018.08.02					
Date of completion -					
1/5 Bm/laying/spreading & compacting stone aggregate to WBM G-2					
3x	3.90	3.50	0.75	=	3.07 m ³
4x	4.00	3.75	0.75	=	3.66 m ³
4x	4.00	2.95	0.75	=	3.59 m ³
2x	4.20	3.75	0.75	=	2.36 m ³
1x	5.30	3.75	0.75	=	1.49 m ³
					10.46 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14/3 Construction of Subgrade					
2 Earthen shoulder do do					
2x 50 x 30m x 1.2 x 0.40 = 1440.00					
2x 50 x 30m x 1.2 x 0.40 = 1440.00					
2x 12 x 30m x 1.2 x 0.40 = 345.60					
2 x 1 x 4m x 1.00 x 0.40 = 3.20m ³					
2x 50 x 30m x 1.2 x 0.40 = 1440.00					
1x 30 x 30m x 1.00 x 0.40 = 360.00					
1x 7 x 30m x 1.00 x 0.40 = 84.00m					
2x 27 x 2 x 1.00 x 0.40 = 21.60m ³					
					5134.4m ³ 5506.40m
17/16 600mm curbing - 06 No					
13/36 Prop/1/18 joint each 180.00					
2x 7.5m = 15m					
27/06/2021					20/07/2021

Abstract of cost with 2 P.A. & 10% P.A.					
1/1 clearing & grubbing					
Road land do do					
1.2 Hec item No - 01 P-53					
@ 53907.68/Hec - Rs 64,689 = 00					
2/2 scarifying existing					
Bituminous surface					
607.500 m ² item No - 2 1/2 P-52					
@ 15.79/m ² → 9592 = 00					
3/3 const of subgrade do					
5134.4m ³ item No - 10/3 P-68					
@ 190.07/m ³ → 975895 = 00					
					1050176 = 00

Continuation

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Rs 1050,176=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/4	G.E. 13				
construction of gravel					
sub base by providing					
well graded do					
275.05 m ³	item No - 3/4 P-53				
@ 2209.82/m ³					607,811=00

5/5	Providing, laying, spreading				
	2 compacting stone again				
	to WBM G-2 do do				
292.54 m ²	item No - 4/5 P-53				
10.46 m ²	item No - 1/5 P-64				
303.00 m ²	Unit - 302.50 m				
Unit - 302.850 m ²					

@ 4098.99/m² → 1241,379=00

6/6	Pro/lay/spreading 2				
	compacting stone again				
	of specific to WBM G-2				
827.33 m ³	item No - 5/6 P-11				
2528.85 m ³	item No - 2/8 P-65				
855.08 m ³					
Unit - 852.37 m ³					

@ 3789.97/m³ → 3230457=00

7/7	Pro/apply Primer coat				
	with bitumen emul SS,				
	on prepared WBM G-3				
11030.80 m ²	item No 6/7 P-32				
342.74 m ²	item 3/7 P-65				
230.24 m ²					
Unit 11303.54 m ²					
11365.9816/m ²					

Continuation

3442021=00
6672,155=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8/8	RS1				
Providing & applying					
tack coat with					
P/Emul RS1 do-do					
10931.69 m ²					den No 7/8 P-32
342.74 m ²					den No 4 P-65
11274.43 m ²					
@ 16.22/m ²					B 182,871=00
9/10	MES				
Pro/laying & rolling					
of close graded premix					
surfacing material do-do					
10931.69 m ²					den No - 8/10 P-32
342.74 m ²					
11274.43 m ²					
@ 213.46/m ²					P 2406640=00
10/9	RS1 to 500K				
Providing & applying Tack					
coat with RS1					
4583.48 m ²					den No - P-25
2925.00 m ²					den No P-26
4275.00 m ²					den No P-26
5141.25 m ²					den No P-28
4406.25 m ²					den No P-29
588.75 m ²					den No - 18/9 P-47
352.87 m ²					den No - 6 P-66
22272.6 m ²					
@ 13.30/m ²					P 296226=00
					95,57,892=00

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16/17 600mm x 450mm					
rectangular					
11 No item No - 16/17 P-56					
@ 4515.24 each →					49,668.00

17/20 Providing of typical					
simultaneously sign board					
with logo					
2 No item No - 17/20 P-56					
1 No item No - 10/20 P-67					
15 No					
@ 9461.84 each →					28386.00

18/21 Providing Laying

of lat application					
plastic compound					
2.5mm thick do-do					
1252.20 m ² item No - 18/21 P-67					
@ 722.33/m ² →					90450.2=00

19/23 Dismantling of					
existing structure					
like culvert					
9.60 m ³ item No - 19/23 P-57					
@ 428.26/m ³ →					4111=00

16,912,596=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20/24 dismantling the of existing structure like column do-do 37.50 m ³ item no - 2/24 P-57 @ 243.69/m ³ → 9138=0					
21/25 earth work in excavate for structure do-do 91.749 m ³ item no - 21 P-57 @ 15.62 m ³ item no - 1 107.41 m ³ @ 310.73/m ³ → 33,376.200					
22/26 providing plain cement conc in open foundation 29.175 m ³ item no - 22/26 P-57 @ 5173.29/m ³ → 150,931=00					
23/27 Providing plain cement conc in foundation 58.411 m ³ item no - 23 P-58 @ 5628.94/m ³ → 328,792=00					
24/28 Providing plain cement conc 2 nd floor PCC 52.367 m ³ item no - 24 P-58 @ 5845.07/m ³ → 306,089=00 1,77,40,922=00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
25/29 Providing reinforced cement concrete 4.608 m ³ chano-25/29P-58 @ 6875.10/m ³ → 31,680.00					
26/30 S/P/Placing & placing HYSD bar reinforced in RCC work in g/c 640.64 kg chano-23P-58 250.640 MT @ 68343.01/MT → 43,783.00					
27/31 Brick masonry on cm (iii) in P.W. 9.21 m ³ chano-21P-59 5.78 m ³ chano-10/20P-67 14.99 m ³ @ 5891.84/m ³ → 88,319.00					
28/32 Plastering with cm (1:4) on Brick work 152.19 m ² chano-28P-59 @ 141.94/m ² → 21,602.00					
29/33 Providing steel bars 18 No chano-29P-59 @ 117.19 each → 2,109.00 17906.813.00 1,79,28,415.00					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30/18 Painting Two coat					
on new concrete					
Surface do do					
169.67 m ² cl no - 23 P-50					
@ 101.29/m ² →					17,186=00

31/19 Planting of Tree					
by the Road Side					
do do					
276 No cl no - 31/19					
@ (855.35-438.00) P-30					
@ 417.35 each →					115,183=00

37/34 Pro/supply 60mm					
dia 11.5 cm and do on					
MP3					
7.50 m cl no - 16/34 P-59					
@ 1169.03 per m →					8768=00

32/36 Provide sealing					
filling joint sealing					
compound do do					
15.00 m cl no - 13 P-68					
@ 42.82/m →					642=00

1,79,33,409=00
1,79,55,011=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
33/27 Billing in four days					
70 mch. in all					
Complete do - do					
1-254 m ³ down - 31 P-53					
@ 524.78/m ³ - 0					658.00
					173,340.6700
Add 12% G.S.T (A) 21,520.8800					
					179,55,669.000
Add 12% G.S.T (B) 21,54,680.000					
Add 1% Labour (C) 1,79,557.000					
10% Signior + fee					
13,02,125.00 P-35					
1,20,640.00 P-61					

51,254.103 P-53					
1,47,74,105.00					
					(+) 1,47,411.00
					2,04,43,217.00
Less 0.67% at P-28					(-) 4.30
					136,370.200
					2,03,06,347.000
					1188,82,776.00
Product Pm vms P-25					(-) 1,90,58,292.000
					12,48,050.000
					14,23,571.000
27/1/2022					
20/02/2022					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
consumption of material used on area 1211					
Subgrade					$2227.15 m^3$
Stone agg					$12.85 m^3$
					@ $480.64/m^3$ — 6176=00
11					$34.30 m^3$
					@ $511.44/m^3$ — 17542=0
11 sealer					$8.85 m$
					@ $397.73/m^3$ — 2327=00
11					$9.25 m^3$
					@ $523.37/m^3$ — 4841=00
11					$5.43 m^3$
					@ $582.80/m^3$ — 3165=0
11					$3.91 m^3$
					@ $304.29/m^3$ — 1190=00
Brick					$2890 No$
					@ 5.22 each — 15085=0
Concrete					$1146 m^3$
					@ $175.80/m$ — 1016=00
					51,342=0
B/emulsion SS1					$195.70 kg$
B/em RS1					$173.64 kg$
Bitumen S90					$651.22 kg$
Brick V630					$1100.72 kg$
27/6/2022					
27/6/2022					

Continuation: