PMHSY ROAD RATWARA TO VIVAH PANCHAMI
MACHHI TOLA

Schedule XLV-Form No. 134

(Item)

PMHSY ROAD RATWARA TO VIVAH

DIVISION

PANCHAMI MACHHI TOLA

SUB-DIVISION

Block - Bajpatti

MEASUREMENT BOOK

No-2545

2nd ond final A/c Bill

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

N/w:- Constn. of Road & CD works with maintenace for PMGSY Road Patwara to vivah Panchami kadhi tola under MMGSY.

N/Agency:- Jitendar Kumar Phulkaha Kanhauli Sitamarhi

Agreement no - 89SBD/2021-22

Date of Start :- 30-12-21

Date of Completion - 29-12-22

Actual date of Completion -

Work Done

EARTH WORK QUANTITY SHEET

× ——— ×

SL No	CH	Area	Mean Area	Distance	volume
1	0.00	2.345			
2	50.0	2.487	2.416	50	120.8
3	100.00	2.437	2.462	50	123.1
4	150.00	2.566	2.502	50	125.075
5	200.00	2.726	2.646	50	132.3
6	250.00	2.596	2.661	50	133.05m
7	300.00	2.602	2.599	50	129.95m
8	350.00	1.932	2.267	50	113.35m
9	400.00	2.651	2.292	50	114.57m

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28/40) Back filling behind abutment/return wall					
	2 ×	1 ×	(4+5)/2 ×	1.5 =	13.5 m³
					Qty = 13.50 m³
	Qty limit to 5.29 m³				
(29/44) ~~P/v & laying~~					
(29/44) Constn. of RCC railing of M-15 grade in cast in situ etc.					
	2 × 2.5 m = 5 m				
(30/46) P/v & laying Cement Concrete wearing course etc.					
	2.5 m ×	5.5 ×	0.075 =		1.03 m³
					Qty = 1.03 m³
(31/31) Brick Masonry work in cement mortar etc.					
	2 ×	2.4 m ×	0.25 ×	0.6 =	0.75 m³
(32/33) Plastering with cement mortar					
S/F	4 ×	2.5 ×	0.6 m	=	6 m²
Top	2 ×	2.24	× 0.25	=	1.12 m²
F/Face	4 ×	0.25 ×	0.6 m	=	0.6 m²
				Qty =	7.72 m²

Continuation

27-12-22 JE

18/1/23 JE

C & P
6/1/23
13.1.23

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
ABSTRACT OF COST					
(2/1/2) P/u & fixing of working Benchmark Pillar etc					
(a) Working Benchmark					
Qty vide TMB P-7					
		Qty = 1.6 Km			
@ ₹ 4015 = 4/Km					₹ 6424=00
(b) Reference pillar :-					
Qty vide TMB P-7					
		Qty = 1.6 Km			
@ 1845 = 50/Km					₹ 2953=00
(2/3) Clearing & grubbing road land etc					
Qty vide TMB P-8					
		Qty = 1.12 Ha			
@ ₹ 52970 = 33/Ha					₹ 59327=20
(3/4) Dismantling of existing Structure etc. (Brick masonry)					
Qty vide TMB P-16					
		Qty = 17.33 m³			
@ ₹ 235 = 98/m³					₹ 4090=00
(4/5) Dismantling of existing Structure (cement concrete)					
Qty vide TMB P-16					
		Qty = 0.6 m³			

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
@ ₹ 497=81/m³ ——— ₹					299=00
(5/6) Removing all type of hume pipe etc.					
Qty vide TMB P-16					
Qty = 5 m					
@ 182=94/m ——— ₹					915=00
(6/7) Excavation for roadway in soil using Mannual mean etc.					
152.25 m³ Qty (Proo) vide TMB P-8					
0.42 m³ Qty vide TMB P-16					
152.67 m³ @ ₹ 75=57/m³ ——— ₹					11537=00
(7/8) Constn. of Embankment with material obtained from borrow pit etc.					
Qty vide TMB P-16					
Qty = 997.78 m³					
@ ₹ 152=15/m³ ——— ₹					151812=00
(8/9) Constn. of Subgrade & earthen Shoulder etc					
Qty vide TMB P-16					
Qty = 799.10 m³					
@ ₹ 191=76/m³ ——— ₹					152484=00
(9/10) Constn. of Granular Sub-base by Providing with					

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
graded material etc					
792.3 m³ Qty (Prov) vide TMB P-17					
13.87 m³					
806.17 m³ @ ₹ 2814=25/m³ — ₹					2268763
(10/11) WBM-3:- P/v, laying Spreading & Compacting of WBM-3 etc					
Qty vide TMB P-20					
Qty = 420.47 m³					
@ ₹ 3423=66/m³ — ₹					14395462
(11/12) Prime coat:- P/v & applying					
Primer coat with bitumen emulsion					
Qty vide TMB P-22					
Qty = 5605.93 m²					
@ ₹ 40=81/m² — ₹					228778=
(12/13) Tack Coat:- P/v & applying					
Tack Coat with bitumen emulsion etc					
Qty vide TMB P-23					
Qty = 5605.93 m²					
@ ₹ 13=95/m² — ₹					78202=
(13/14) MSS:- P/v, laying & rolling of close graded Premix Surfacing etc					
Qty vide TMB P-23					

Continuation

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Particulars	(Details of actual measurement No.	L.	B.	D.	Contents of area
	~~Qty = 5605.93 m²~~				
	Qty = 5605.93 m²				
@ ₹ 20	1=65/m²			——— ₹	1130436
(14/15,16)	Km stone:- Reinforced cement Concrete M-15 grade Km Local Stone etc				
(i)	Km stone:- Qty vide TMB P - 23				
	Qty 23 NO.				
@ ₹	2297=87/NO.			——— ₹	6899200
(ii)	200m stone:- Qty vide TMB P- 23				
		Qty = 6 NO.			
@ ₹	594=76/NO.			——— ₹	3568200
(15/17)	Boundary Pillar:- Reinforced cement Concrete M-15 grade boundary Pillar etc Qty vide TMB P - 24				
		Qty = 80 NO.			
@ ₹	521=91/NO.			——— ₹	41753200
(12/18,19,20)	Traffic Sign:- P/v & fixing of Retro-reflective, cautionary, Mandatory etc.				
(i)	600mm Circular:- Qty vide TMB P - 24				

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		Ph = 8 No			
@ ₹ 4700=00/No.				——— ₹	37600=00
(ii) 900 mm equilateral triangle :-					
Ph vide TMB P-24					
		Ph = 4 No.			
@ ₹ 5200/No.				——— ₹	20800=00
(iii) 600 mm x 450 mm rectangular					
Ph vide TMB P-24					
		Ph = 4 No.			
@ ₹ 4625/No.				——— ₹	18500=00
(17/21) P/v & laying of hot applied thermoplastic etc.					
Ph vide TMB P-24					
		Ph = 290.8 m²			
@ ₹ 721=25/m²				——— ₹	209943=
(18/22) Planting of tree by the road side etc					
Ph vide TMB P-24					
		Ph = 146 No.			
@ ₹ 842=62/No.				——— ₹	123022=
(19/23) P/v & laying of reinforced Cement Concrete Pipe dust 300 mm etc.					

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Qty vide TMB P-9					
		Qty = 10 m			
@ ₹ 885=15/m				——— ₹	8852=20
(20/24) P/v & erecting direction & place identification etc					
Qty vide TMB P- 24/25					
		Qty = 1 No.			
@ ₹ 3056=20/No				——— ₹	3056=00
(21/25) P/v & fixing of typical name information sign board etc					
2 No. Qty (Prev) vide TMB P-9					
3 No. Qty vide TMB P - 25					
5 No @ ₹ 9576=8/No.				——— ₹	47884=00
(22/26) Earth work in excavation for foundation etc					
Qty (Prev) vide TMB P-10					
		Qty = 59.5 m³			
@ ₹ 279=00/m³				——— ₹	16633=00
(23/27) P/v PCC M-15 Concrete for plain Concrete in open foundation etc					
Qty vide TMB P - 10					
		Qty = 5.92 m³			
@ ₹ 5920=24/m³				——— ₹	35095=20

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(24/28) P/v Concrete for Plain/					
Reinforced Concrete in					
open foundation etc					
Qty (Proo) vide TMB P-10					
Qty = 56.28 m³					
@ Rs 6482=65/m³				— Rs	364843=00
(25/29) P/v & laying RCC Pipe					
NP-3 for culvert etc					
Qty vide TMB P-10					
Qty 215m					
@ Rs 2576=12/m				— Rs	38642=00
(26/30) Painting two coat on					
New Concrete Surface					
etc.					
116.24 m² Qty vide TMB P-25					
116.24 m² Qty vide TMB P-25					
232.48 m² @ 90=52/m²				— Rs	21044=00
(27/31) Brick Masonry work					— —
in cement mortar etc					
Qty vide TMB P-29					
Qty = 0.75 m³					
@ Rs 5650=65/m³				— Rs	4238=00
(28/33) Plastering with cement					
mortar etc					
Qty vide TMB P-29					

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		Qty = 7.72 m²			
@ £ 182 = 45/m²				£	1410=00
(29/34) Earth work in excavation for Structure etc					
Qty vide TMB P - 25					
		Qty = 19.75 m³			
@ £ 279 = 99/m³				£	5372=00
(30/35) Plain cement Concrete PCC M-15 in levelling etc					
Qty vide TMB P - 25					
		Qty = 2.1 m³			
@ £ 5928 = 24/m³				£	12449=00
(31/36) P/v PCC M-20 Concrete for Plain Concrete etc					
Qty vide TMB P - 27					
		Qty = 4.96 m³			
@ £ 6482 = 65/m³				£	32154=00
(32/37) Plain/Reinforced Cement Concrete in Substructure etc.					
Qty vide TMB P - 27					
		Qty = 8.25 m³			
@ £ 6480 = 18/m³				£	53461=00
(33/39) Supplying, filling & placing HY 60 Rft reinforcement					
Qty vide TMB P - 27					

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
@ ~~₹ 49864=73/MT~~					
		Qty = 0.68 MT			
@ ₹ 49864=73/m³					₹ 33908=00
(34/40) Back filling behind abutment & return wall etc					
Qty vide TMB P-29					
		Qty = 5.29 m³			
@ ₹ 530=00/m³					₹ 2803=00
(35/42) P/v & laying Reinforced cement Concrete in Substructure etc					
Qty vide TMB P-28					
		Qty = 3.75 m³			
@ ₹ 7908=06/m³					₹ 29655=00
(36/43) Supplying, Fitting & placing HYSD Bar etc					
Qty vide TMB P-28					
		Qty = 0.3 MT			
@ ₹ 51082=24/MT					₹ 18900=00
(37/44) Construction of Fence railing etc					
Qty vide TMB P-29					
		Qty = 5m			
@ ₹ 14250/m					₹ 7125=00
(38/46) P/v & laying cement					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Concrete wearing Coarse					
M-30 grade etc					
Qty vide TMB P-29					
		Qty = 1.03 m³			
@ ₹ 11564/- per m³				= ₹	11912=0
				Subtotal =	6747081=
Add 1% L/cess				=	67470=
Add 12% VAT				=	809650=
Add S/fee				=	91180=0
				Total =	7715381=0
(i) Less 0.00% below as per agreement				=	0.00
(ii) Less Previous payment vide TMB P-13				=	4894849=0
				Net =	2820532=0

10-01-23
JE

18/1/23
AE