

1st on Ar. Bill

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 measurement relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Const of Road from Dhoke Chotssher Path to 6xmi. - Buraykhon ward No-13,14 (Sawtal) Under MMGSY length - 0.205km					
Agency - Mamta Singh Chintamanpur, Pibor East Champaran					
Agreement No - 36 SBD/2019-20					
Date of work order - 04.01.2020					
Date of completion - 03.10.2020					
Const Cost - Rs. 1475065/-					
Item of work					
1. Const of working Benchmark — E12 0.205km					
2. Const of Reference Pillar Bousac — E12 0.205km					
3. Clearing and grubbing road land — E12					
2x 30x 30m x 1.50 = 270.00m ²					
Continuation					

Continuation

13

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2x 1no x 38m x 1.50					114.00 m ²
2x 2no x 30m x 1.50					180.00 m ²
2x 1no x 20m x 1.50					60.00 m ²
				T-	624.00 m ²
				or,	0.06 Hect.

2. Excavation for Road

way for cutting - 11.50

2x 3no x 30m x 0.375 x 0.100 = 6.75 m³2x 1no x 38m x 0.375 x 0.100 = 2.85 m³2x 2no x 30m x 0.375 x 0.100 = 4.50 m³2x 1no x 20m x 0.375 x 0.100 = 1.50 m³T- 15.60 m³Limit - 15.38 m³

3. Const. of G.S.B by

1/2 well graded G.S

material - 11.50

2x 3no x 30m x 0.375 x 0.100 = 6.75 m³2x 1no x 38m x 0.375 x 0.100 = 2.85 m³2x 2no x 30m x 0.375 x 0.100 = 4.50 m³2x 1no x 20m x 0.375 x 0.100 = 1.50 m³

Pot Repair

5no x 1.50 x 1.00 x 0.100 = 0.75 m³10no x 2.00 x 1.30 x 0.100 = 2.60 m³15no x 1.00 x 0.90 x 0.100 = 1.35 m³T- 20.30 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4. Plu. gaging spreading					
and compacting stone					
aggregates 9. WBM 6.11					
1 no x 15m x		$\frac{10m+3.80}{2}$		$\times 0.075$	$= 7.81 m^3$
1 no x 15m x		3.90		$\times 0.075$	$4.38 m^3$
1 no x 15m x		$\frac{3.90+3.80}{2}$		$\times 0.075$	$4.33 m^3$
1 no x 15m x		3.80		$\times 0.075$	$4.27 m^3$
1 no x 30m x		3.80		$\times 0.075$	$8.55 m^3$
1 no x 30m x		$\frac{3.80+3.75}{2}$		$\times 0.075$	$10.75 m^3$
1 no x 30m x		$\frac{3.75+3.80}{2}$		$\times 0.075$	$8.15 m^3$
1 no x 30m x		$\frac{3.80+3.60}{2}$		$\times 0.075$	$8.32 m^3$
1 no x 20m x		$\frac{3.60+3.60+4.20}{2}$		$\times 0.075$	$7.05 m^3$

T- 63.61 m³Limit - 58.24 m³5. ~~Plu~~ Const. 1. 411-RAIN-

forcement PCC grade

M25 thickness as per

drawing 213

1 no x 15m x $\frac{10m+3.80}{2}$ $\times 0.160$ $16.56 m^3$ 1 no x 15m x 3.80 $\times 0.160$ $9.12 m^3$ 1 no x 15m x $\frac{3.80+3.75}{2}$ $\times 0.160$ $9.06 m^3$ 1 no x 15m x 3.75 $\times 0.160$ $9.00 m^3$ 1 no x 30m x 3.75 $\times 0.160$ $18.00 m^3$ 1 no x 30m x $\frac{3.75+3.80}{2}$ $\times 0.160$ $22.95 m^3$ 1 no x 30m x $\frac{3.80+3.75}{2}$ $\times 0.160$ $18.12 m^3$

Continuation

Sch. XLV-Form No.134

1

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	110	30m	$\frac{3.75+3.65}{2}$	$\times 0.160$	$17.76 m^3$
	110	20m	$\frac{3.65+5.50+1.90}{3}$	$\times 0.160$	$14.98 m^3$
				T	$135.55 m^3$
				omit	$124.23 m^3$
6. Constr. of subgrade & earth shoulder with approved material - 81					
	2 x 3 no	30m	1.50×0.175		$44.10 m^3$
	2 x 1 no	38m	1.50×0.175		$19.95 m^3$
	2 x 2 no	30m	1.40×0.175		$29.40 m^3$
	2 x 1 no	20m	1.50×0.175		$9.80 m^3$
				T	$103.25 m^3$

7. Constr. of embankment

with approved material

Obtained from borrow

pits with a lift upto

Earth work Quantity Sheet

Sl. No	Ch	Area	Mean Area	Dist.	Volume
1	0	1.261	-	-	-
2	50	1.272	1.267	50	$63.35 m^3$
3	100	3.243	3.258	50	$162.875 m^3$
4	150	4.849	5.046	50	$252.30 m^3$
5	205	1.211	3.030	55	$166.150 m^3$
				T	$645.150 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. 917	645.180 m ³
Reclut.					
Boys	—		15.38		
G.S.B	—		20.30		
WBH	—		58.24		
Shon	—		103.28		
Shon	—				
Shon	—				
Pce	—		124.23		321.40 m ³
				T-	323.75 m ³
for 1000 m lead	—				
323.75 m ³ x 30%	—				97.12 m ³
for 100 m lead	—				
323.75 m ³ x 70%	—				226.63 m ³
8. PIV and fixing Rec MIS grade ordingry					
Kilometer store	—				1 no
9. PIV and fixing Rec MIS grade 200m store					
grade 200m store	—				1 no
10. PIV and fixing Rec MIS grade boundary pillars					
grade boundary pillars	—				4 no

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11. Plv and applying 2 coats of wash based cement paint to 4th floor of concrete structure — E/F					
2 x 3 no x 30 m x 0.10					= 18.00 m ²
2 x 1 no x 38 m x 0.10					= 7.60 m ²
2 x 2 no x 30 m x 0.10					= 12.00 m ²
2 x 1 no x 17 m x 0.10					= 3.40 m ²
				T-	41.00 m ²
/					
12. Plv and applying of hot applied thermoplastic compound 2.5mm					
Thick Road marking —					
2 x 3 no x 30 m x 0.10					= 18.00 m ²
2 x 1 no x 38 m x 0.10					= 7.60 m ²
2 x 2 no x 30 m x 0.10					= 12.00 m ²
2 x 1 no x 17 m x 0.10					= 3.40 m ²
				T-	41.00 m ²
/					
13. Plv and fixing of HMGSS Maintenance sign with legs board — E/F 2 No					
14. Plv and fixing of HMGSS Maintenance board — E/F 2 No					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15.	Piv and fixing of	600			
	mm to single board	—	—	—	2 No
16.	Piv and fixing of	600mm			
	450mm wide wooden board	—	—	—	2 No
17.	Piv and fixing of	900 mm			
	— m side octagon board	—	—	—	2 No
12/12/2020 12 12/12/2020 12					

ABSTRACT OF COST					
1/iii	Const. of working				
	benchmark	—	—	—	Rs. 2
0.205 km	vide TMB - P. 1				
	@ Rs. 11888.35 / km. —				2437.00
2/iii	Const. of Reference pillar				
	Burjee	—	—	—	Rs. 1
0.205 km	vide TMB - P. 1				
	@ Rs. 11678.77 / km. —				2398.00
8/3	Clearing and grubbing				
	Reel Land	—	—	—	Rs. 2
0.06 Hect.	vide TMB - P. 2				
	@ Rs. 49174.86 / Hect. —				2950.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/7	Excavation for Road				
	Way of Box cutting - 512				
15.38 m ³	vide TMB-P. 2				
	@ Rs. 76218/m ³				Rs. 1179200
5/9	Const. of G.S.B. by Plv				
	well graded material, Spu				
	- making and compacting				
	Gr. 1			512	
20.30 m ³	vide TMB-P. 2				
	@ Rs. 3009.85/m ³				Rs. 6110020
6/10	Plv laying spreading				
	and compacting stone				
	Aggregate 40mm				
58.24 m ³	vide TMB-P. 3				
	@ Rs. 3751.92/m ³				Rs. 2185120
7/14	Const. of unreinforced				
	PCC Pavement thickness				
	per drawing grade M25				
124.23 m ³	vide TMB-P. 4				
	@ Rs. 8022.49/m ³				Rs. 99663420
8/5	Const. of subgrade &				
	earthwork shoulder with				
	approved material - 512				
103.25 m ³	vide TMB-P. 4				
	@ Rs. 180281/m ³				Rs. 1866920
9/4	Const. of embankment				
	with approved material				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1/10	41/2	1000	m	land -
97.12 m ³		vide THB-P 5			
		@ Rs.	179210 / m ³		Rs. 173942.00
10/6		Const. d. embankment wall			
		9/2000 m ² / each			
		41/2	100	m	land -
926.63 m ³		vide THB-P 5			
		@ Rs.	14121 / m ³		Rs. 31980.00
11/6		Plr and fixing d.			
		ordinary km stone			
1 no		vide THB-P 5			
		@ Rs.	2756.25 / each		Rs. 2756.25

12/17		Plr and fixing d. 250 m			
		stone			
1 no		vide THB-P 5			
		@ Rs.	723.98 / each		Rs. 724.00
13/18		Plr and fixing d. RCC			
		MIS special boundary			
		pillar			
4 no		vide THB-P 5			
		@ Rs.	559.88 / each		Rs. 2240.00
14/20		Plr and 9/2000 m ² / each			
		d. water based cement			
		Paint - 4 m ² / each			
41 m ²		vide THB-P 5			
		@ Rs.	102788 / m ²		Rs. 4218.00

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15/01	Plv and fixing of hot				
	applied thermoplastic				
	compound 2.5mm thick				
	Road marking				
41 02	vide TMB-P 6				
	@ Rs. 850.72 / m ² L				34888.20
16/03	Plv and fixing of				
	MMSS sign with logo				
	board				
2 No	vide TMB-P 6				
	@ Rs. 11566.72 / each L				23133.40
17/24	Plv and fixing of MM				
	SSY Maintenance board				
2 No	vide TMB-P 6				
	@ Rs. 11566.72 / each L				23133.40
18/25	Plv and fixing of 600				
	mm triangle board				
2 No	vide TMB-P 7				
	@ Rs. 3988.01 / each Rs. 7976.00				
19/27	Plv and fixing of 600 mm				
	450 mm rectangular board				
2 No	vide TMB-P 7				
	@ Rs. 4571.96 / each L				9144.00
20/28	Plv and fixing of 900 mm				
	Side setger board - 11				
2 No	vide TMB-P 7				
	@ Rs. 8720.64 / each L				17441.20
Continuation					Rs. 147889.90

Stone chips	25	111.807 MT	
12/12/2020			

TS