

373
ममय रोड से करवी टोला

Mmmsy- (SC)

Measurement Book

Schedule XLV-Form No. 134

Baghar

DIVISION

Bhifaha

SUB-DIVISION

Anil Kumar Pathak.

2nd on H/L Bill

5

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Agency: Anil Kumar, Pathah, West Champaran					
Name: Const of road from P.M.G.S. road to Katke to 19					
Agreement No. 455 AD 2020-21					
Agreement Amount: Rs 14056942 =					
Date of Start: 28/06/2020					
Date of Completion: 27/06/2021					
Revised Measurement					
1. Construction of reference pillar					2 1.56 m
2. Box culvert (2x1m x 1m)					
Earthwork in excavation					
Reft: 2x 1.50x 5.40x 0.51 =					8.26 m ³
C/W (below Reft): 4x 1.50x 0.50x 1.80 =					5.4 m ³
R/W: 2x 4x 2.00x 0.50x 1.80 =					14.40 "
Site Clearance				2x 1.79 =	3.58 "
				Total =	31.64 m ³
3. Sand filling in foundation					
Reft: 2x 5.40x 1.50x 0.15 =					2.42 m ³
C/W 4x 1.50x 0.50x 0.12 =					0.36 m ³
				Total =	2.78 m ³
4. Providing P.C.C. 1:1.5 Mortar					
Reft: 2x 5.40x 1.50x 0.12 =					1.94 m ³
5. Supply, fitting and placing HY SD bar in 10mm φ bar in C.P.S. main & upper bed level					
	4x 2x 8x	1.50			= 96.00 m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10 mm ϕ L in R/w main L					
up to slab level					
	8X	2X	8X	2.702	388.80 m
Distribution L in 10 mm ϕ					
up to Bed level					
	4X	2X	6X	5.50	226.40 m
10 mm ϕ distribution L in					
above bed level					
	8X	2X	6X	2.25	216 m
Chair L @ 10 mm ϕ L					
	4X	4X	1.20		18.20 m
10 mm ϕ L in Overlap L					
	2X	145X	0.40		116.00 m
10 mm ϕ L in R/w main					
Slab					
	2X	4X	38X	1.50	456 m
10 mm ϕ L in Abutment					
inner side					
	4X	38X	1.50		228 m
10 mm ϕ L in outer side					
of Abutment					
	4X	38X	2.20		334.40 m
10 mm ϕ L in distribution L					
	16X	8X	6.00		768 m
Angle L in 10 mm ϕ L					
	8X	38X	0.80		243.20 m
10 mm ϕ L in Hangers					
	8X	38X	0.85		258.40 m
6. Paving R/w main					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Rqft	2X	6.00X	1.50X	0.21	3.78 m ²
C/W below Rqft	4X	1.50X	0.20X	1.14	2.05 "
R/W upto end level	8X	2.00X	0.30X	1.35	6.48 "
Asutment	4X	6.00X	0.25X	1.00	6.00 "
R/W above cut level	8X	2.00X	0.30X	1.21	5.80 "
Handth	8X	1/2 X 6.00X	0.15X	0.15	0.54 "
				Total	24.65 m ²

2. providing creep hole
2X 10 = 20 m²

Alphabet II
14/03/2005

Revised measurement

1. Supply for fitting and key					
14YSD	402	10 mm ϕ bar			
in parapet main bar					
	4X	2X	5X	1.00	64.00 m
10 mm ϕ distribution bar in					
parapet	4X	2X	4X	1.50	48.00 m
2. Total length of 10 mm ϕ bar					3500 m
Lt. @ 0.617 kg/m					2159.50 kg
				Say 2	2.16 MT

2. providing R.C.C. Mrs					
Desk R/c	2X	6.00X	1.50X	0.21	3.78 m ²
Parapet	4X	1.50X	0.25X	0.60	0.90 "
				Total	4.68 m ²

3. Back filling behind parapet					
	4X	5.40X	0.60X	1.21	15.60 m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4 Excavation for road					
	2X5X30.00		0.375X0.10		11.25 m ³
5 Construction of subgrade & earthen shoulder					
	32X30.00X7.48		0.32		2297.86 m ³
6 Construction of granular sub-base					
	32X30.00X4.05		0.20		777.60 m ³
	2X5X30.00		0.375X0.10		11.25 "
put repair layer	3X8.00X		1.60X0.10		3.84 "
1000 culvert	2X1.00X		4.05X0.20		1.62 "
			Total		791.07 m ³
2 provide for laying, spreading and compaction of M.M. & R.H.					
	34X30.00X3.75		0.075		286.88 m ³
1000 culvert	2X1.00X		3.75X0.075		0.56 "
			Total		286.32 m ³
16/09/20 16/09/20					
Material Statement					
1 Earth work			2297.86		(1.71/m ³)
2 Stone metal in G.R.B.			664.499		(516.42)
3 Crushed sand			284.785		(188.97)
4 Stone metal in G.R.B.			306.447		(458.22)
5 Stone screening			68.717		(245.52)
6 Stone chippings			27.792		(550.85)
7 coarse sand			16.82		(614.17)
8 Cement			12.324		(5002.41)

16/09/20 Continuation
 16/09/20

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 Const. of masonry R.M. wide TMS					
pg no 3 = 1.530 km @ Rs. 11922.42					
per km					Rs 18599 = 0
2 Const. of masonry pillars vide					
TMS page 5 = 1.36 @ Rs. 1349.58					
per km					Rs 20935 = 0
3 Cleaning and grading road					
vide TMS page 3 = 0.71 Hrs					
@ Rs 5133 = 76/Hrs					Rs 24033 = 0
4 Const. of embankment - m					
up to 1000 m vide TMS page					
3 = 386.10 m @ Rs 202352/m					
					Rs 78193 = 0
5 Construction of 500 m					
TMS page 3 = 1077.12 m					
vide TMS page 8 = 2297.86 "					
Total = 3374.98 m @					
Rs 204 = 16 / m					Rs 689036 = 0
6 Const. of embankment - m					
100 m vide TMS page 3 =					
909.50 m @ Rs 167 = 41/m					Rs 152326 = 0
7 Excavation for road					
vide TMS page 8 = 11.25 m @					
Rs 74216 / m					Rs 824 = 0
8 Const. of G.S.B. vide TMS					
page no. 3 = 264.50 m vide					
TMS page 8 = 791.07 m					
Total = 1155.57 m @					
Rs 3840 = 82 / m					Rs 4438348 = 0
Total Rs 5422304 = 0					

Continuation

C/K

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9 10 Paving, laying, shaly WDM					
Grill vide TMD Page 8					
$= 286.32 \text{ m}^2 @ R_2 4701.8/\text{m}^2$					$R_2 1346070.00$
10 22 Paving & fixing M/S Gwy					
Loam vide TMD Page 22					
$2 \text{ Nos. } @ R_2 11771.79/\text{Ecu}$					$= 2354420$
17 31 Earth work in excavation					
vide TMD Page 5: 31.64 m					
$@ R_2 269.32/\text{m}^2$					$R_2 852120$
12 32 Sand filling in foundation					
vide TMD Page 5: 2.78 m					
$@ R_2 400.35/\text{m}^2$					$R_2 1114200$
13 37 Prov. pcc M/S for P.C.R					
vide TMD Page 5: 1.84 m					
restricted to 1.80 m @ R_2					
$7016.18/\text{m}^2$					$R_2 1262920$
14 39 Prov. RCC M/S vide TMD					
Page 7: 24.65 m vide TMD					
Page 4: 4.68 m					
$29.33 \text{ m}^2 \text{ RCC M/S}$					
to $29.28 \text{ m}^2 @ R_2 8627.04/\text{m}^2$					$R_2 252600.00$
15 40 Back filling behind Abutment					
vide TMD Page 7: 15.60 m					
restricted to 14.40 m @ $R_2 3674.24$					
per m					$R_2 529132.00$
16 41 Prov. keep hole vide TMD Page					
7: 20 m @ $R_2 83.11/\text{Ecu}$					$R_2 166200$
17 42 Supply, fitting & placing H/S D					
Bar @ R_2 vide TMD Page 22					
$25.16 \text{ m}^2 @ R_2 46422.86/\text{m}^2$					$R_2 100273.00$
Total					$R_2 7221630.00$

Continuation

C/R

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/Rs	7221630:00
	Add 12x 357			Rs	866596:00
	Add 1x ces			Rs	72216:00
	Add Design charges			Rs	83231:00
				Total Rs	8245673:00
	less 3.68% after grant			Rs	303441:00
	less previous paid Amount			Rs	7942232
				(Rs)	2107826:00
				Payable Amount Rs	5834406:00
	Approved by				
	16/09/20				
	Jc				