

1st on A/c bill

1

Name to 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.)

the measurements relating to each work.)					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Name of work - Construction of road from Brikhampur road to dharamraj gaw tak.					
Agency - Rajiv Kumar Singh At Kanhauli P.O. Hussepur P.S. Basantpur Siwan.					
Agreement - 16 MMGSY/SBD/2020-21 dated - 23.06.2020					
Work status - ongoing					
Date of Measurement -					
<u>Work done</u>					
① Providing and fixing of working benchmark pillars 01 nos per km and 4 nos. of reference pillar required for 1 km as per drawing and Tech. Specification					
WB M —————					1.2 Km
② Reference pillars —————					1.2 Km
③ clearing and Grabbing road land (by manual means) including uprooting wild vegetation, grass, bushes, Shrubs, Sapling etc.					
2x30x30x 3.50 = 6300					
2x 10x 30x 3.50 = 2100					

Continuation

8400 m

= 0.84 hectare

Sch. XLV—Form No. 134

Sch. XLV—Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
4 7	Excavation for roadway in soil using manual means for carrying of cut earth etc.				
	2x	15x	30x	0.525x0.100	= 47.25
	2x	11x	30x	0.525x0.100	= 34.65
	2x	1x	20x	0.525x0.100	= 2.10
	2x	10x	30x	0.375x0.100	= 22.5
	2x	3x	30x	0.375x0.100	= 6.75
	2x	1x	10 13x	0.375x0.100	= 0.975
					<u>114.225 m³</u>
	Qty. Limit = 114 m ³				
	Construction of Embankment with material obtained from borrow pits				

With a lift upto 1.5m	1000m lead			
2x 10x 30x	0.60x0.40			= 144
2x 3x 30x	0.60x0.40			= 43.2
2x 1x 10x	0.60x0.40			= 4.8
				<u>192 m³</u>

<u>6/9</u> 100 m lead				
2x 15x 30x	0.75x0.40			= 270
2x 11x 30x	0.75x0.40			= 198
2x 1x 20x	0.75x0.40			= 12
				<u>480 m³</u>

<u>7/11</u> Construction of granular subbase by providing well-graded material spreading in uniform layer with				
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Continuation

Sch. XLV—Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
motor grader on prepared surface					
G.S.B in widening					
2x	15x	30x	0.525x	0.100	= 47.25
2x	11x	30x	0.525x	0.100	= 34.65
2x	1x	20x	0.525x	0.100	= 2.10
					<u>84 m³</u>
G.S.B in profile correction.					
	10x	2.4x	0.100	=	2.40 m ³
G.S.B in full width					
1x	15x	$\frac{9.6+4.05}{2}$	x	0.100	= 10.237
5x	30x	4.05x	0.100	=	60.75
1x	30x	4.05x	0.100	=	12.15
10x	30x	4.05x	0.100	=	121.50
8x	30x	4.05x	0.100	=	97.20
2x	30x	4.05x	0.100	=	24.30
1x	05x	4.05x	0.100	=	2.025
					<u>328.162 m³</u>
total qty = (A+B+C) =					414.56 m ³
total qty (limit) =					414.52 m ³
2) Providing, laying, spreading and compacting stone aggregate of specific size to water bound macadam-ecc.					
1x	15x	$\frac{9.5+3.75}{2}$	x	0.075	= 7.45
15x	30x	3.75x	0.075	=	126.56
11x	30x	3.75x	0.075	=	92.81
1x	05x	3.75x	0.075	=	1.40
Continuation					228.22 m ³
Qty (limit) =					227.25 m ³

Continuation

228.22 m'

$$Q_H(\text{limit}) = 227.25 \text{ m}^3$$

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ In PCC					
⑨/16 Construction of granular sub base by providing well graded material Spreading in Uniform layer.					
Given widening					
2x 10x 30x			0.375x0.100		= 22.50
2x 3x 30x			0.375x0.100		= 6.75
2x 1x 13x			0.375x0.100		= 0.975
					30.92m ³
Profile Correction					
4x 3.0 x 0.100					= 1.20 m ³
total Qty =					31.42 m ³
⑩/17 Providing laying spreading and Compacting Stone aggregate of specific size to water bound macadam Gr. II					
4x 30x 3.75x 0.075					= 33.75
9x 30x 3.75x 0.075					= 75.93
1x 13x 3.75x 0.075					= 3.65
					113.33
⑪/20 Providing and fixing of typical MMSY informatory sign board with logo as per MORD specification.					
					2 nos.

Continuation

Continuation

Est on A/c B.N

Abstract of Cost

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Providing and fixing of W.B.M. Qty vide TMB page no-1 1.2 Km @ Rs. 3792.08/Km — Rs. 4550/-					
② Reference pillar. Qty vide TMB page no-01 1.2 Km @ Rs. 1755.14/Km — Rs. 2106/-					
③ clearing and grubbing road land (by manual means) including uprooting wild vegetation, grass, bushes etc. Qty vide TMB page no-01 0.84 hect @ Rs. 51133.76 — Rs. 42952/-					
④ Excavation for roadway in soil using manual means for carrying of cut earth etc. Qty vide TMB page no-2 and item no- $\frac{4}{7} = 114 \text{ m}^3$ @ Rs. 74.16/m ³ — Rs. 8454/-					
⑤ Construction of Embankment with material obtained from borrow pit 1000 m lead Qty vide TMB page no- 2 and item no- $\frac{5}{8} = 192 \text{ m}^3$ @ Rs. 175.22/m ³ — Rs. 33642/-					

Continuation

Rs. 91704/-

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ 9 100 m lead					
Qty vide TMB Page no- 02 and					
Item no- 6/9 = 480 m ³					
@ Rs. 141.14/m ³ — Rs. 67747/-					
⑦ 11 Construction of granular sub-base by providing well-graded material GSB. etc.					
Qty vide TMB Page no- 3 Item					
no- 7/11 = 414.52 m ³					
@ Rs. 3482.32/m ³ — Rs. 1443491/-					
⑧ 12 Providing, laying spreading and compacting stone aggregate					
of specific size to WBM Gr-3					
Qty vide TMB Page no- 3 and					
Item no- 8/12					
⇒ 227.25 m ³ @ Rs. 4230.70/m ³ — Rs. 961426/-					
⑨ 16 In pcc portion					
Construction of granular sub-base by providing well graded material Spreading in uniform layer.					
Qty vide TMB Page no- 4 and					
Item no- 9/16 = 31.42 m ³					
@ Rs. 3482.32/m ³ — Rs. 109414/-					
⑩ 17 Providing, laying spreading and compacting stone aggregate					
of specific size to Gr-3					

Continuation

Rs. 2673782/-

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMB page no - 4 and					
Item no - $\frac{10}{17}$					
113.33 @ Rs. 423070/m ² Rs					479465/-
(11/30) Providing and laying fixing of typical mm GSY Informatory sign board.					
Qty vide TMB Page no - 04					
2 nos. @ Rs. 10961.14/each - Rs.					21922/-
2 nos. 1x600 HPC					
(12/31) Earthwork in excavation for foundation of structure					
Qty vide TMB Page no - 5					
Item no - $\frac{12}{31}$					
31.32 m ³ @ Rs. 269.32/m ³ - Rs.					8435/-
(13/32) Providing M15 PCC (1:2:5:5) as levelling Course in foundation					
Qty vide TMB Page no - 5					
Item no - $\frac{13}{32} = 5.691 \text{ m}^3$					
@ Rs. 5786.57/m ³ — Rs.					32931/-
(14/33) Providing Concrete for plain/reinforced concrete in open foundation					
PCC M20 (1:2:4)					
Qty Vide TMB Page no - 5					
Item no - $\frac{14}{33} = 27.738 \text{ m}^3$					
@ Rs. 6459.89/m ³ — Rs.					179184/-

Continuation

Rs 3395719/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{15}{34}$ Promoling and laying Rcc pipe NP3 for culverts on first class bedding of PCC MB Qty vide TMB page no - 5 and item no - $\frac{15}{34}$					
= 15m @ Rs. 2611.69 /m					Rs. 39175/-
					Rs. 3434894/-
GST 12% —					Rs (+) 412187/-
L.C. 1% —					Rs (+) 34349/-
Seigniorage fee 0.91% Rs (+)					31257/-
					Rs 3912687/-
Less 0.12% as per agreement Rs (-)					4695/-
					Rs. 3907992/-

~~10.05.21~~
 JE

For audit
 20.5.21
 SD

C&P
 26.2.21
 22/05/21