

~~MMBS~~
SC

House of Raju Yadav

Schedule XLV Form No. 134.

To L193 Namu Bgita

any other shed is under my go-

DIVISION

61374921C

He is not stopping any other go-

SUB-DIVISION

211C

Measurement Book

758

→ Rishav Shandilya

2nd on A/c Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work: House of					
Faguni yadav to Lr					
(Nanu Alpha)					
Name of Agency: Rishav Sh					
andilya s/o Bipin					
Kumar At - Dhurwa					
Ranchi Jharkhand					
Agreement No: 80 BBD 2020-2021					
Date of Commencement - 17/03/2021					
Date of Completion - 16/03/2022					
Date of Measurement -					
Work done details					

(1/2) cleaning and grubbing Road land etc

do do - all comp.

$$2 \times 4 \times 30 \times 3.50 = 840 \text{ m}^2$$

$$2 \times 3 \times 30 \times 3.50 = 630 \text{ m}^2$$

$$1470 \text{ m}^2$$

$$= 0.14 \text{ Hec}$$

(2/5) Construction of emb

ankement with app

roved material etc

do do - all comp.

E/w calculation as

Per graph

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH (m)	Area m^2	Mean m	Length m		Quantity m^3
1250	1.384				
1300	0.865	1.125		50	56.225
1350	1.150	1.003		50	50.375
1400	1.016	1.083		50	54.150
1420	0.865	0.941		20	18.310
				E/w	179.56 m^3
	Lead up to 100m				
	$179.56 m^3 \times 19.54\%$				
	$= 35.62 m^3$				
(3/4)	Lead up to 100m				

	$179.56 m^3 \times 80.16\%$				
	$= 143.94 m^3$				
(4/7)	Construction of Subgrade and earthen shoulder etc do do all comp.				
	$2 \times 30 \times 6.52 + 7.72 \times 0.30 = 130.86 m^3$				
	2				
	$1 \times 10 \times 6.52 + 7.72 \times 0.300 = 21.81 m^3$				
	1				
	152.67 m^3				
	Lead up to 100m				
	$152.67 m^3 \times 30\% = 45.80 m^3$				
(5/8)	Lead up to 100m				
	$152.67 m^3 \times 70\% = 106.87 m^3$				
(6/9)	Construction of granular				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sub-base etc do do					
all comp.					
	2x30	x 4.05	x 0.200		$= 48.60 m^3$
	1x10	x 4.05	x 0.200		$= 8.10 m^3$
					$56.70 m^3$
extra widening in Curve					
	0+8	x 1.5	x 0.200		$= 13.60 m^3$
	2				$40.30 m^3$
($\frac{7}{3}$) Box cutting: Excavation for road way etc do do all comp.					
	2x2	x 30	x 0.625	x 0.100	$= 7.50 m^3$
	2x10	x 30	x 0.625	x 0.100	$= 37.50 m^3$
	2x6	x 30	x 0.625	x 0.100	$= 22.50 m^3$
	2x1	x 10	x 0.625	x 0.180	$= 1.25 m^3$
					$68.75 m^3$
($\frac{8}{4}$) Construction of embankment with material etc do do all comp.					
	68.75 m ³	x 60 y			$= 41.25 m^3$
($\frac{9}{4}$) Construction of granular sub-base etc do do all comp.					
(Pre Portion)					
	2x2	x 30	x 0.625	x 0.100	$= 7.50 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	10	30	$\times 0.625 \times 0.10$	$= 37.50 m^3$
	2	6	30	$\times 0.625 \times 0.100$	$= 22.50 m^3$
	2	1	10	$\times 0.625 \times 0.10$	$= 1.25 m^3$
					$68.75 m^3$
	2	30	2.50	$\times 0.100$	$= 15 m^3$
	1	10	7.50	$\times 0.10$	$= 5 m^3$
					$88.75 m^3$
Extra Widening on Curve					
	$\frac{0+8}{2}$		2	$\times 0.10$	$= 1.20 m^3$
					$89.95 m^3$
(10) WBM Grading 3% Paving Layer					

Spreading and Compacting Stone ch do-					
do- do Comp.					
	5	30	3.75	$\times 0.075$	$= 42.18 m^3$
	3	30	3.75	$\times 0.075$	$= 25.31 m^3$
	7	30	3.75	$\times 0.075$	$= 59.06 m^3$
	5	30	3.75	$\times 0.075$	$= 42.18 m^3$
	3	30	3.75	$\times 0.075$	$= 25.31 m^3$
	4	30	3.75	$\times 0.075$	$= 33.75 m^3$
	2	30	3.75	$\times 0.075$	$= 16.87 m^3$
					$244.66 m^3$
Extra Widening on Curve					
	$\frac{0+8}{2}$		16	$\times 0.075$	$= 4.80 m^3$
					$249.46 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/10) WBM Grading 3:-					
Providing laying sp-					
reading and comp-					
acting stone etc do-					
do- at Comp.					
(see Postion)					
5 x 30 x 3.75 x 0.075 =					42.18 m ³
2 x 30 x 3.75 x 0.075 =					16.87 m ³
7 x 30 x 3.75 x 0.075 =					59.06 m ³
3 x 30 x 3.75 x 0.075 =					25.31 m ³
1 x 30 x 3.75 x 0.075 =					8.43 m ³
1 x 10 x 3.75 x 0.075 =					2.81 m ³
					154.66 m ³
Enter widening on curve					
0+8 x 10 x 0.075 =					3.00 m ³
2					157.66 m ³
<u>Prepared</u> <u>Visual</u>					
22/4/2022 22/04/2022					
AE					
26					
Material Statement					
E/W =					382.23 m ³
Stone chips =					153.84 m ³
Coarse Sand =					39.46 m ³
Stone metal =					190.77 m ³
Stone Screening =					97.71 m ³
<u>Prepared</u>					
21/9/2022					

Continuation

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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 & Fixing of working benches Pillars					
2 Nos (vide TMBP-7)					
@ Rs 3490 = 97					Rs 6981 = 94
Reference Pillars					
5 Nos (vide TMBP-7)					
@ Rs 1588 = 29					Rs 7941 = 45
(2) cleaning and grubbing Road land etc do-do.					
all Comp. job					
0.94 Hec (vide TMBP-7)					
0.14 Hec (vide TMBP-11)					
0.93 Hec @ Rs 52966 = 72					Rs 51907 = 33
(3) Construction of embankment with approved material etc do-do-all Comp. lead up to 100m					
269.59 m ³ (vide TMBP-7)					
35.62 m ³ (vide TMBP-12)					
305.21 m ³ @ Rs 142 = 26					Rs 43419 = 17
(4) lead up to 100m					
1089.21 m ³ (vide TMBP-7)					
143.94 m ³ (vide TMBP-12)					
1233.15 m ³ @ Rs 187 = 92					Rs 231733 = 54

Continuation

Rs 3,41,983 = 48

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{5}{7}$) Construction of Subgrade and earthen shoulder etc do-do all comp. lead up to 100m					
523.44 m ³ (vide TMBF-8)					
45.80 m ³ (vide TMBF-12)					
569.24 m ³ @ Rs 189=56					Rs 107905=13
($\frac{6}{8}$) lead up to 100 m					
1221.36 m ³ (vide TMBF-8)					
106.87 m ³ (vide TMBF-12)					
1328.23 m ³ @ Rs 154=29					Rs 204932=60
($\frac{7}{20}$) Dismantling of existing					
Structure like Culvert					
etc do-do all comp.					
Cement concrete					
0.80 m ³ (vide TMBF-8)					
@ Rs 496=96					Rs 397=56
($\frac{8}{31}$) Dismantling of existing					
Structure like Culvert					
etc do-do all comp.					
Cement mortar					
90.69 m ³ (vide TMBF-8)					
@ Rs 235=20					Rs 7219=28
($\frac{9}{32}$) Removing all type of					
house pipe etc do-do					
all comp.					
Continuation					Rs 6,62,437=05

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5 Rm	(vide Tm Bp. 9)				
	@ Rs 244 = 12				R 1224 = 60
($\frac{10}{9}$)	Construction of granular				
	Sub-base etc do do all				
	Comp.				
648.00 m ³	(vide Tm Bp. 9)				
70.30 m ³	(vide Tm Bp. 13)				
89.75 m ³	(vide Tm Bp. 14)				
808.25 m ³	@ Rs 1900 = 39				R 1535982 = 13
($\frac{18}{24}$)	Earthwork in excavation				
	etc do do all Comp.				
89.39 m ³	(vide Tm Bp. 9)				
	@ Rs 279 = 09				R 24947 = 85
($\frac{12}{25}$)	Providing concrete for				
	plain / reinforced Co				
	- mcrete etc do do all				
	Comp.				
13.77 m ³	(vide Tm Bp. 9)				
	@ Rs 4183 = 13				R 57601 = 70
($\frac{12}{25}$)	Providing and laying				
	Rec pipe HP3 for advent				
	etc do do all Comp.				
22.50 Rm	(vide Tm Bp. 9)				
	@ Rs 4013 = 24				R 90297 = 90
($\frac{13}{16}$)	Plain reinforced ce				
	ment concrete in				
Continuation					R 2372491 = 23

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Substructure etc do do					
all comp.					
101.22 m ³ (vide TMBP-10)					
@ Rs 4892=59					Rs 4,95,227=95
($\frac{15}{3}$) Box cutting & Excavation for roadway etc do					
do do comp.					
68.75 m ³ (vide TMBP-13)					
@ Rs 74=23					Rs 5103=31
($\frac{15}{9}$) Construction of embankment with material etc do do all comp.					
41.25 m ³ (vide TMBP-13)					
@ Rs 26=17					Rs 1079=51
($\frac{17}{10}$) WBM Grading & Providing laying spreading and Compacting Stone etc do do all comp.					
249.46 m ³ (vide TMBP-14)					
157.66 m ³ (vide TMBP-15)					
407.12 m ³ @ Rs 2506=48					Rs 10,20,438=13
					Rs 38,94,340=30
Add 12% G.S.T					Rs 4,67,320=30
1% cess					Rs 38,943=30
S.F.					Rs 4,94,58=30
					Rs 44,50,061=60

Continuation

