

शयपुर गेट से बायसी टीला (mmhsv)

Schedule XLV From No. 134.

कार्यपालक अधिकारी, ग्रामीण कार्य विभाग DIVISION
कार्य प्रमंडल, पुपरी

ग्रामीण कार्य विभाग कार्य निदेश प्रमंडल, जानपुर SUB-DIVISION

Measurement Book 1102301

संवेष्टक: - गौतम कुमार (आलोचना/सीतामढ़ी)

ग्रामीण कार्य विभाग कार्य प्रमंडल, जालपुर DIVISION
कार्य भवन प्रमंडल, जालपुर SUB-DIVISION

Measurement Book

No. 2301

Name of officer

श्री राम कुमार सत्याश्री
सहायक अभियंता कार्य भवन प्रमंडल, जालपुर

Date of first entry

Date of last entry

1st on A/C 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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w :- Constn. of Road & CD works with maintenance for Raipur hat to Koyari talia under mmsy.					
N/Agency :- Gaurav Kumar, Madampur, Dumra					
Agreement no- 148 BD of 2020-21					
Date of Commence :- 27-05-20					
Date of Completion :- 26-11-20					
<u>Measurement</u>					
(1/1) P/v & Fixing of working benchmark pillar					
(a) Working benchmark Pillar					
@ty = 0.5km					
(b) Reference pillar					
@ty = 0.5km					
(2/2) clearing & grubbing Road Land etc.					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 x 500 m x 3.5 m					
= 3500 m ²					
3500/10000 = 0.35 Ha					
Qty = 0.35 Ha					
(3/3) Excavation for road					
way in soil using manual					
meas etc					
2 x 11 x 30 m x 0.375 m x 0.1 = 24.75					
2 x 9 m x 0.375 m x 0.1 = 22.47					
					= 0.67 m
					Qty = 25.42

(4/4) Constr. of embankment					
with material obtained					
from borrow pit etc.					
① For 1000 m Lead					
Qty approximate					
30% of total Qty					
30% of 62.32 m ³					
Qty = 18.69 m ³					
(5/6) Constr. of granular sub-					
base by providing well					
graded material etc.					
2 x 11 x 30 m x 0.375 x 0.1 = 24.75 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		$2 \times 9m \times 0.375 \times 0.1m = 0.67m^3$			
Profile Correction	10	$2.5m \times 1m \times 0.1m = 0.25m^3$			$\times 4 = 1.5m^3$
	2	$8m \times 1.1m \times 0.1m = 0.88m^3$			
	2	$12m \times 1m \times 0.1m = 1.2m^3$			
	15	$1m \times 1m \times 0.1m = 0.15m^3$			
	2	$6m \times 1.2 \times 0.1m = 0.72m^3$			
					$\Sigma = 34.02m^3$
(6/7) P/v laying, spreading					
& compacting stone aggregate					
of specific size etc.					
of WBM br-III etc.					
		$15m \times \frac{(3.6 + 4.15)}{2} \times 0.075m = 4.35m^3$			
		$15m \times \frac{4.15 + 3.85}{2} \times 0.075m = 4.5m^3$			
		$15m \times \frac{(3.85 + 3.65)}{2} \times 0.075m = 4.21m^3$			
		$15m \times \frac{(3.65 + 4.65 + 3.3)}{3} \times 0.075m = 4.35m^3$			
		$15m \times \frac{(3.3 + 3.6)}{2} \times 0.075m = 3.08m^3$			
		$15m \times \frac{(3.6 + 3.6)}{2} \times 0.075m = 4.05m^3$			
		$15m \times \frac{(3.6 + 3.75)}{2} \times 0.075m = 4.13m^3$			
		$15m \times \frac{(3.75 + 5.4)}{2} \times 0.075m = 5.14m^3$			
		$15m \times \frac{(5.4 + 3.4)}{2} \times 0.075m = 4.95m^3$			
		$15m \times \frac{3.4 + 3.3}{2} \times 0.075m = 3.76m^3$			

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15m x $\frac{3.8+3.0}{2}$				$\times 0.075$	$= 3.93m^3$
15m x $3.0m \times 0.075m$					$= 4.23m^3$
15m x $\frac{3.8+3.5}{2}$				$\times 0.075m$	$= 4.1m^3$
15m x $\frac{3.5+3.0}{2}$				$\times 0.075m$	$= 4.1m^3$
15m x $\frac{3.8+3.7}{2}$				$\times 0.075m$	$= 4.2m^3$
15m x $\frac{3.7+2.9}{2}$				$\times 0.075m$	$= 3.31m^3$
15m x $\frac{2.9+3.15}{2}$				$\times 0.075m$	$= 3.74m^3$
15m x $\frac{3.15+3.25}{2}$				$\times 0.075m$	$= 3.6m^3$
15m x $\frac{3.25+2.93}{2}$				$\times 0.075m$	$= 3.47m^3$
15m x $\frac{2.93+2.7}{2}$				$\times 0.075m$	$= 3.16m^3$
15m x $\frac{2.7+2.93}{2}$				$\times 0.075m$	$= 3.16m^3$
15m x $\frac{2.93+3}{2}$				$\times 0.075m$	$= 3.34m^3$
9m x $\frac{2.93+4.4}{2}$				$\times 0.075m$	$= 2.47m^3$
Plain 7-05-20 JE					$QTY = 20.64m^3$
(7/8) Constn. of un-reinforced					
Plain cement Concrete					
Pavement etc					
15m x $\frac{3.6+4.15}{2}$				$\times 0.16m$	$= 9.3m^3$
15m x $\frac{4+3.05}{2}$				$\times 0.16m$	$= 9.42m^3$
15m x $\frac{3.05+3.65}{2}$				$\times 0.16m$	$= 9m^3$

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15m x $\frac{2.93+3}{2}$ x 0.16m					= 7.11 m ²
3m x $\frac{2.93+4.4}{2}$ x 0.16m					= 5.27 m ²
					Qty = 137.23
(15) P/V & Fixing of typical					
masonry Informatory sign					
board with logo etc.					
Logo identification					
Sign board = 1 No.					
Survey 25-09-20 JE				PK 25-9-20 AB	

ABSTRACT OF COST

(1/1) P/V & Fixing of working					
bench mark					
(a) working benchmark					
Qty vide TMB P-1					
Qty = 0.5 km					
@ ₹ 4337 = 83/km — ₹ 2169 = 00					
(b) Reference pillar					
Qty vide TMB P-1					
Qty = 0.5 km					
@ ₹ 2002 = 84/km — ₹ 1001 = 00					
(2/2) clearing & grubbing					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Road Land etc.					
Qty vide TMB P-1/2					
Qty = 0.35 Ha					
@ ₹ 43733 = 43/Ha					₹ 15306.55
(3/3) Excavation for Road					
Way in 2011 using manual					
Means etc.					
Qty vide TMB P-2					
Qty = 25.42 m ³					
@ ₹ 81 = 20/m ³					₹ 2064.20

(4/4) Constr. of embankment					
with material obtained					
from borrowpit etc.					
(a) For 1000m Road					
Qty vide TMB P-2					
Qty = 18.69 m ³					
@ ₹ 187 = 51/m ³					₹ 3505.20

(5/6) Constr. of granular Sub-					
base by providing well					
graded material etc					
Qty vide TMB P-2/3					
Qty = 34.02 m ³					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ £ 2762 = 38/m ² ——— £ 33397=					
(6/7) P/v, laying, spreading & Compacting of 100mm m-12					
Qty vide TMB P-3/4					
Qty = 90.64 m ²					
@ £ 3363 = 73/m ² ——— £ 304888=					
(7/8) Constr. of un-reinforced Plain cement Concrete Pavement etc.					
Qty vide TMB P-4/5					
Qty = 137.27 m ³					
@ £ 7957 = 46/m ³ ——— £ 1569768=					
(8/15) P/v & Fixing of typical masonry Informatory Sign board with logo etc.					
Qty vide TMB P-6					
Qty = 1 No.					
@ £ 11799 = 44/No. ——— £ 11799=00					
Total = ₹ 2006600=00					
Less 0.01% below					₹ 201=00
as per agreement					
Nett = 2006399=00					

Continuation
 25-09-20
 3E
 25-9-20
 AB
 25-9-20