

PINGSY ROAD TO KHATTIK TOLA
Schedule XLV-Form No. 134

Piprashi

DIVISION

SUB-DIVISION

Agreement No. 36 SBD of 20-21

Measurement Book

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: PMGSY road to Khartik to/b					Construction of road for
Agency: M/s. Nav Bharat Construction Company, Bettiah, West Champaran					
Agreement Amount: Rs. 8501643 = ∞					
Construction Cost: Rs. 7904619 = ∞					
Agreement No. 36 SBD of 20-21					
Date of Start: 08/06/2020					
Revised Measurement					
1. Const. of working B.M.					1.05 km
2. Const. of reference pillar					1.05 km
3. Cleaning and grubbing road bed					
2x34x30.00		1.50			= 3060 m ²
2x1x25.00		1.50			= 75 m ²
					Total = 3135 m ²
					Say = 0.31 Hect
4. Const. of embankment					
34x30.00x $\left(\frac{6+7}{2} - \frac{4+5.5}{2}\right)$					
					X 0.50 = 892.50 m ²
Const. of embankment ... level					
up to 100 m (30% of total)					267.75 m ²
Const. of embankment ... level					
up to 100 m (70% of total)					624.75 m ²
Signature					
18/10/2020					
JK Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Recond measure</u>					
! Construction of Subgrade and curbs shoulder					
	09X	30.00X	6.65X	0.35=	
	09X	30.00X	6.65X	0.36=	646.38 m ²
	1X	13.00X	6.65X	0.36=	31.12 m ²
				Total :	677.50 m ²
2 Excavation of road way					
	2X	7X	30.00X	0.375X	0.100 = 15.75 m ²
	2X	1X	16.00X	0.375X	0.100 = 1.20 m ²
				Total =	16.95 m ²
<u>Recond</u>					

Recond measure

! Cont of granular sub-base

	27X	30.00X	4.050X	0.160 =	524.88 m ²
	1X	30.00X	4.050X	0.160 =	15.75 m ²
	2X	7X	30.00X	0.375X	0.100 = 15.75 m ²
	2X	1X	16.00X	0.375X	0.100 = 1.20 m ²
				Total =	541.83 m ²

2 Construction of WBM Gr. II

providing, lay g. spread g

WBM Gr. III

	27X	30.00X	3.75X	0.075 =	227.81 m ²
<u>Recond</u>					

Continuation

Ticked and
initialed &
checked
8/12/20
AK

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Removal measures</u>					
1 Providing and fixing masonry					
Sewer					2 nos.
<u>Material</u>					
02/12/20					
<u>Material statement</u>					
1 Earth		1570 m ³			(1.711 m ²)
2 Stone metal		325.055 m ³			(516.42 m ²)
3 Stone metal		130.039 m ³			(411.33 m ²)
4 Crushed Sand		195.059 m ³			(188.41 m ²)
5 Stone Metal		275.650 m ³			(458.22 m ²)
6 Screening material		54.674 m ³			(345.54 m ²)
<u>Material</u>					
02/12/20					
JE					
<u>Abstract of cost</u>					
1 Const. of working BM vide					
TMD pg. n. 1 = 1.05 km @ Rs.					
12248 = 82 / km					Rs. 12861 = 00
2 Const. of reference pillar vide					
TMD pg. n. 1 = 1.05 km @ Rs.					
14002 = 60 / km					Rs. 14703 = 00
3 Clearing and grubbing vide					
TMD pg. n. 1 = 0.31 Hect @ Rs.					
51133 = 26 / Hect					Rs. 15851 = 00
Total Rs 43415 = 00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{4}{4}$ Const. of embankment ... 100m					
100m wide TMD pg no 1 =					
267.75 m ² @ Rs. 202.52/m ²					Rs. 54225=00
$\frac{5}{5}$ Const. of subgrade wide TMD					
pg no. 2 = 677.50 m ² @ Rs.					
204.16/m ²					Rs. 138318=00
$\frac{6}{6}$ Const. of embankment ... 100m					
up to 100m wide TMD pg no.					
1 = 624.75 m ² @ Rs. 167.41					
per m ²					Rs. 104589=00
$\frac{7}{7}$ Excavation for roadway wide					
TMD pg no 2 = 16.75 m ² @ Rs.					
74.16/m ²					Rs. 1257=00
$\frac{8}{9}$ Const. of granular sub base					
wide TMD pg no 2 = 541.83 m ²					
per m ² @ Rs. 4027.66/m ²					Rs. 2182307=00
$\frac{9}{10}$ Providing, laying & spreading					
WBM Grade wide TMD pg					
no. 2 = 227.81 m ² @ Rs.					
4927.04/m ²					Rs. 1122429=00
$\frac{10}{23}$ Plv & fixing mm grey sand wide					
TMD pg no. 3 = 2m ² @ Rs.					
11827.26 / each					Rs. 23675=00
					Total Rs. 3670215=00
Add 12% GST					Rs. 440426=00
Add 1% cess					Rs. 36702=00
Add signposting fee					Rs. 40624=00
					Total Rs. 4187967=00

B/E Rs. 4187967 = 0

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