

1st and final 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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - const. of road from gram Telcha madhya vidhyalay ke Piche To Bhole Lal ke Ghar tak.					
Name of Agency - Baikunth Nath Mishra					
Agreement no - 12 SBD/2020-2021					
Date of start of work - 03/07/2020					
Date of completion - 02/04/2021					

Measurement

1. Setting out pillars

Providing & fixing of working

benchmark pillars - --

& reference pillars

-- do -- as per

E/I

= 0.630km

2. clearing and grubbing road

Land - do -

as per technical specification

and direction of E/I

$$\begin{aligned} & \left[2 \times 630 \times 1.0 = 1260 \text{ m}^2 \right. \\ & \left. = \frac{1260}{10000} = 0.126 \text{ Ha} \right] \end{aligned}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. Box cutting					
Excavation for roadway					
in soil - - - do - -					
as per technical specification					
2x 580					
2x 21x 30x 0.375x 0.10 =					47.25m ³
4. const. of embankment with					
approved material					
- - - do - - -					
as per technical specification					
2x 60x 0.6x 0.4 =					28.8m ³
Limit to					28.35m ³

5. const. of embankment					
with material obtained					
from borrow pits - - -					
- - - as per technical					
specification					
For 1000 m lead					
2x 18x 30x 0.75x 0.4 =					324m ³
Limit to					318.93m ³

6. const. of subgrade and					
earthen shoulder - - -					
- - - do - - - as per					
technical specification					
side of WBM 2x 21x 30x 0.625x 0.075 =					59.06
side of PCC 2x 21x 30x 0.625x 0.160 =					126.00
Total					185.06m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) consty granular sub-base					
by providing coarse graded material - do -					
as per technical specifications					
CSB in widening					
R.P.S. [2X 21X30X0.375X0.10 =					47.25m ³
For profile correction					
R.P.S. [1X10X 3.0X0.1 =					3.0m ³
3X10X 3.0X0.1 =					9.0m ³
7X4X 2.0X0.1 =					5.6m ³
					Total = 64.85m ³
(8) WBM gr-III					
Providing, laying, spreading and compacting stone aggregates - do -					
as per technical specification					
R.P.S. [26X30X3.75X0.075 =					50.625m ³
7X30X3.80X0.075 =					59.850
5X30X3.76X0.075 =					42.30
1X30X3.73X0.075 =					8.392
1X30X3.65X0.075 =					8.212
1X18X3.65X0.075 =					4.927
1X12X3.60X0.075 =					3.240
					Total 177.546m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9. const. of un-reinforced construction - - - do - -					
as per technical specification					
6x30x3.75x0.160 =					108
7x30x3.80x0.160 =					127.68
5x30x3.76x0.16 =					90.24
1x30x3.73x0.16 =					17.904
1x30x3.65x0.16 =					17.52
1x18x3.65x0.16 =					10.512
1x12x3.6x0.16 =					6.912
				Total	378.768 m ³

10. kilometre stone					
Reinforced cement concrete					
m-15 grade kilometre					
- - - do - - -					
as per technical specification					
(A) Km stone					2 No.
(B) 200 m stone					3 No.
(11) Providing and fixing					
of retro-reflectors, cautionary,					
mandatory sign - - do					
- - - as per drawings					
and technical specification					
(i) 600 mm equilateral triangle =					1 No.

Continuation

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 600 mm circular					1 No.
(iii) 600 mm x 450 mm rectangular					1 No.
(12) Providing and fixing					
Logo of typical informatory sign board with logo as per MORD					1 No.
(i) Providing & fixing logo of project					1 No.
ii) maintenance board					1 No.
iii) citizen information board					
as per drawing					1 No.
					Total 3 No.
(13) Direction and place identification signs upto 0.9 sqm size board providing and erecting direction and place identification as per technical specifications					
Direction sign board					1 No.
Intermediate sign board					1 No.
Total					2 No.
(14) Providing and laying of bit applied Thermoplastic compound					
2 x 21 x 30 x 0.10					126.0 m ²
(15) Reinforced cement concrete M-15 grade boundary pillars as per drawing and technical specifications					5 No.

23/12/2020
 J.E.
 Lahlaappur
 R.P.S.
 23-12-2020
 A.E.
 Lahlaappur

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
1. setting out pillars					
Providing & fixing of working					
bench-mark pillars &					
reference pillars - do					
Ant = 0.630 km wide					
TMB Page - (1) item - (1)					
@ Rs 6058.88/km = Rs					3817 =
(2) Clearing & grubbing					
road land - do -					
Ant = 0.126 hectare					
vide TMB Page - (1)					
item - (2) @ Rs 51133.76/ha					
					= Rs 6443 =
(3) Box cutting					
Excavation for roadway					
in soil - do -					
Ant = 47.25 m ³ vide TMB					
Page - (1) item - (3)					
@ Rs 126.24/m ³ = Rs					5965 =
(4) cost of embankment with					
approved material - do -					
Ant = 28.35 m ³ vide TMB					
Page - (1) item - (4)					
@ Rs 88.36/m ³ = Rs					2505 =

c/o Titir B 18730
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ const. of embankment with material obtained from borrow pits					
For 1000 m length					
Qnt = 318.93 m ³ v/c					
TMB page - (2) item - (5)					
@ Rs 184.30/m ³ = Rs 58779 =					
⑥ const. of subgrade of earthen shoulder					
Qnt = 185.06 m ³ v/c					
TMB page - (2) item - (6)					
@ Rs 210.88/m ³ = Rs 39025 =					

⑦ const. of granular subbase by providing coarse graded material					
Qnt = 64.85 m ³ v/c TMB					
Page - (3) item - (7)					
@ Rs 3515.15/m ³ = Rs 227957 =					

⑧ WBM ge - III					
Providing, laying, spreading and compacting stone aggregates					
Qnt = 177.54 m ³ v/c					
TMB Page - (3) item - (8)					
@ Rs 4263.74/m ³ = Rs 757010 =					

C/v Total Rs 1101501
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) const. of un-reinforced construction - - do - -					
qnt = 378.768 m ³ vide					
TMB page - (4) item - (9)					
@ Rs 7839.24/m ³ = Rs					2969253=
(10) Kilometer stone					
Reinforced cement concrete m-15 grade					
- - do - -					
(A) Km stone					
qnt = 2 No. vide					
TMB page - (4) item - (10)					
@ Rs 2276.67/No = Rs					4553=
(B) 200m stone					
qnt = 3 No. vide TMB					
page - (4) item - (10)					
@ Rs 634.26/No = Rs					1903=
(11) Providing & fixing of retro-reflectors					
cautionary, mandatory					
- - do - -					
(i) 600mm equilateral triangle					
qnt = 1 No. vide TMB					
page - (4) item - (11)					
@ Rs 3582.12/No = Rs					3582=

c/total Rs 408079;
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 600 mm circular					
Qnt = 1 No. vide TMB					
Page - ⑤ item - ⑪					
@ Rs 4740.23/No = Rs 4740 =					
(iii) 600mm x 450mm rectangular					
Qnt = 1 No. vide TMB					
Page - ⑤ item - ⑪					
@ Rs 4643.72/No = Rs 4643.72					
					Rs 4644 =
(12) Providing & fixing of typical informatory					

sign board with logo					
do					
Qnt = 3 No. vide TMB					
Page - ⑤ item - 12					
@ Rs 9414.74/No = Rs 28244 =					
(13) Direction and place identification signs					
do					
Qnt = 2 No. vide TMB					
Page - ⑤ item - ⑬					
@ Rs 10437.86/No = Rs 20876 =					
(14) Providing and laying of hot applied Thermoplastic compound					
do					
Qnt = 126 m ² vide TMB					
Page - ⑤ item - ⑭					
@ Rs 735.44/m ² = Rs 92665 =					

Continuation

C/B Total Rs 4231961 =

B/f Rs 423196.12

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) Reinforced cement concrete m-15 grade boundary pillar do					
gnt - 5 No. wide TMB					
Page - (5) item - 15					
@ Rs 511/No				Rs	2555 =
				Total Rs	4234516 =
Less 0.01% below as per agreement				Rs	423 = 423 =
Add 12% GST				Total Rs	4734093 =
Add 1% Labourers				Rs	508091 =
				Rs	42341 =
Seigniorage fee				Rs	4784525 =
				Rs	36293 =
				Total Rs	4820818 =
GATE / 23/10/2020					
JE / Lahaspur					
RPSw					
23-12-2020					
AE					
Lahaspur					

material statement

- | | | | | |
|---|-----------------|---|----------------------------------|-----------------------|
| ① | E/W | = | 532.34 m ³ | |
| ② | stone metal | = | 272.978 m ³ | |
| ③ | coarse sand | = | 274.85 m ³ | 195.30 m ³ |
| ④ | stone screening | = | 42.611 m ³ | 42.611 |
| ⑤ | stone chips | = | 340.891 m ³ | |
| ⑥ | cement | = | 132.568 tone | |

6/23/2020
 23/12/2020
 JE/Lahadpur
 RP Sm.
 23-12-2020
 AE
 Lahadpur