

2016-17
MANDAL TOLLA TO PASSI TOLLA

Schedule XLV-Form No. 134

MM65X-SC

BEWIPUR DIVISION

TARJH SUB-DIVISION

MEASUREMENT BOOK

SUNEEL KUMAR THA. MB No- 1137

प्रमाणित किया जाता है कि इस मापी
पुस्तक में कुल - 100 टंकित (पन्ना) हैं जिस को
सहायक अभियंता शशी भूषण तारीख
कार्य विभाग, कार्य अवर प्रमंडल
तारडीह नाम से निर्गत किया जाता है

[Signature]

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बेनीपुर (दरभंगा)

शून्य
27/02/2016

Sch. XLV-Form No. 134

BENIPUR DIVISION

TARDIH SUB-DIVISION

ग्रामीण कार्य विभाग कार्य प्रमंडल
बेनीपुर

Measurement Book

No. 1137

Name of officer

शशी भूषण
सहायक अभियंता - तारडीह

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.	
NAME OF WORK - Construction of					
Road from Mandal to 19 to					
Pass to 19 in (Tardih Block) under					
MMHSY (SC)					
NAME OF AGENCY - SUNEEL KUMAR JHA					
Agreement No - ATIA - NAYABUJA, BAHERA					
475BD/2019-2020					
Estimate Amount - Const = 50,32,650.00					
Agreement Amount - 54,51,800.00					
Date of Agreement - W/D - 05.02.2020					

date of Completion AS per	
Agreement - 04.11.2020	
Measurement date -	

Record Measurement -	
Item No - 01 providing and fixing	
of Bench mark pillar as per	
direction of E/I	
1 Nos	

Item No - 02 providing of setting	
out Pillars Reference mark pillar	
as per drawing and E/I	
3 Nos	

Continuation	
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3rd on A/c Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
NAME OF WORK - Construction of					
Road from Mardal tola to paisi					
to la under mimosy (SC)					
NAME OF Agency - SUNIL Kumar Jha					
AT-PO-MARTOLIYA, Bahera, DIST- Darbhanga.					
Agreement NO - 47 SBD / 2019-20					
Estimate Amount - OF construction - 50,32,50=0					
Agreement Amount - 54,51,800=0					
W/d Date of Agreement - 05.02.2020.					
Date of completion As per Agreement					
- 04.11.2020					

ITEM NO. 01	Cleaning and Rubbing				
	Road Land (By manual means)				
	Including uprooting wild vegetation				
	Gross bushes, shrubs etc. do d-				
	all common job as per E/I				
	CH-0 to 130M (in Rd) (unit)				
	$30M \times \frac{(3.50 + 3.4)}{2} =$				103.50m ²
	$30M \times \frac{(3.40 + 3.60)}{2} =$				105m ²
	$30M \times \frac{(3.60 + 3.50)}{2} =$				106.50m ²
	$30M \times \frac{(3.50 + 3.40)}{2} =$				105m ²
	$10M \times \frac{(3.50 + 3.40)}{2} =$				103.50m ²
	CHAINAGE - 00M to 132M in village Arq (other sides)				
	$\Rightarrow 30M \times 3.40M (Av)$				102m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22 NOS X 2 Sides X 30 M X 0.10 M =					132 M ²
2 X 10 M X 0.10 M (AC) =					2 M ²
P.C.C. portion					142.40 M ² - (A)
6 NOS X 30 M X 2 Sides X 0.10 M =					36 M ²
2 X 20 M X 0.10 M =					4 M ²
					0.44 (B) 182.40 M ²
P.C.C. portion =					Limit = 180.00 M ² 40 M ² - (B)

Prepared
16/10/2020
J.E.

Checked
18/12/20
A.E.

ABSTRACT of cost :-

(1) Name of work - construction of
Road from Mandla to Passi tola
under M.M.W.S.P.

Name of Agency - Sunil Kumar Jy

Agreement No - 47 SEP/2019-20

Agreement Amount - 54,51,800/-

Date of Agreement - 05.02.2020

Date of completion as per Agmt - 04.11.2020

Date of Entry -

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No-01 providing fixing bench					
mark pillar as per direction of					
E/I					
1 Nos (1) 4330-25/m ³					4331=0
Item No-02 providing and fixing					
setting out Reference pillar mark					
as per direction of E/I					
B/F page no- (12)					
3 Nos (3) 200236/m ³					6007=0
Item No-03 clearing and grubbing					
Gross brush, shrubs, wild vegetation					
from Road Land Removal etc					
do all complete as per E/I					
B/F page no- (12)					
0.31 hectare (1) 49174.26/hectare					15,244=0
Item No-04 Earth work excavation for					
Road work in soil with hydrol					
excavator do do all complete as					
as per E/I					
B/F page no- (18)					
17.25m ³ (1) 76.189/m ³					1314=0
Item No-05 Construction of Road					
embankment with material obtained					
from borrow pit with lead and.					
Left do. do all complete as					
B/F page no- (17)					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(a) lead upto 1000 M					
	398.10 m ³		179.10/m ³		71,300=W
(b) lead upto 100 M					
	928.90 m ³		41.2/m ³		1,31,086=W
Item No-06 Earth work excavation					
In foundation trenches of C-D					
Work structure culvert. C-D-C-D					
all complete job					
B/F page no - (19)					
	55.12 m ³		Rs 258.89/m ³		14270=W
Item No-07 providing and laying					
In bedding in local sand well					
Completed surface. C-D-C-D all					
complete job of P.C.C.					
B/F page no - (20)					
	5.55 m ³		458.23/m ³		2543=W
Item No-08 providing P.C.C. N 150					
With Nominal mix (1:2.5:5) in C-D					
Work open found with approved quality					
of materials C-D-C-D all complete					
Job of P.C.C.					
B/F page no - (20)					
	4.31 m ³		6392.875/m ³		27,575=W
Item No-09 providing Brick masonry					
Wall in foundation of C-D work					
Culvert in C.M (1:4) with clean					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sand. do. do. cul complete job					
as per E/L					
B/F page no. - (20)					
	40.71	m ³ (5)	Rs 6215.33/m ³		2,53,026 = ₹
Item No-10 providing and laying					
NB R.C.C. hume pipe 600mm dia					
In Culvert do. do. do.					
B/F page no. - (21)					
	7.50M (9)	1389.63/m ³			10,422 = ₹
Item No-11 providing and laying					
HPs R.C.C. hume pipe culvert					
1800mm dia do. do. do.					

B/F page no. - (21)					
	7.50M (9)	4594.59/m			32,959 = ₹
Item No-12 providing 15mm thick cement					
plaster work on brick masonry					
Surface with approved survey of					
materials do. do. do.					
B/F page no. - (21)					
	48.65M ² (9)	197.855/m ²			9626 = ₹
Item No-13 providing and laying of (ins. 6)					
Granular sub base material spreading - 1					
Well graded material with uniform					
layer do. do. as complete job as					
per E/L					
B/F page no. (19) + (21)					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$(484.88 + 86.52) m^3$					
$\Rightarrow 571.40 m^3 @ Rs 3196.46/m^3$					
18,26,457=					
Item NO-14	providing and laying				
spreading and compacting stone					
Aggregate of specific size of					
WBM Grade III materials. do-do					
all complete job as per B/L					
B/F page no-	(23)				
$258.18 m^3 @ 3977.843/m^3$					
10,26,999=					
Item NO-15	providing cement concrete				
pavement and steel reinforcement					
cement concrete pavement over					
on prepared surface. do-do					
all complete job as per B/L					
B/F page no-	(37)				
$122.25 m^3 @ 8087.681/m^3$					
9,88,719=					
Item NO-16	providing and applying				
prime coat with Bitumen emulsion					
(BS-1) using distributor @ 0.75 kg to					
1 sq m ² on prepared surface					
do-do all complete job as					
per B/L					
B/F page no-	(35)				
$2677.50 m^2 @ 48.95/m^2$					
13,10,64=					
Item NO-17	providing and applying				
prime coat with Bitumen emulsion					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(RS-1) distributor @ 0.25kg to 30kg per m ² on prepared surface do do					
all complete job as per B/L					
B/E page no - (36)					
	2677.50m ² (36)	16.55/m ²			44,313=0
ITEM NO-18 Providing and laying					
Rolling coarse closed graded pea mixed surface 20mm thick composed					
11.20mm to 0.09mm M.S.S. - do - do					
all complete job as per B/L					
B/E page no - (37)					
	2677.50m ² (37)	Rs 225.33/m ²			6,03,321=0
ITEM NO-19 Construction of sub graded					
and earthen shoulder with approved materials. estimated for construction					
do all complete job as per B/L					
B/E page no - (39)					
	654.94m ³ (39)	Rs 180.81/m ³			1,18,420=0
ITEM NO-20 Providing and fixing					
of reds reflecting cautionary mandatory and informatory traffic sign. do - do as per B/L					
B/E page no (40)					
(i) 600mm A caulk material - 4 nos					
(ii) 600mm circular - 2 nos					
(iii) 600x450mm rectangular					
Continuation					
	2 nos	18.76/m ²			3668=0

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No-21 providing Boundary Pillor reinforcement Cement-Concrete					
M15 grade Boundary Pillors at I.R.					
do. do all complete 70s as per B.I.E.					
B.I.F. provided - (40)					
	10 Nos	588.85/m			5889 = 10
Item No-22 providing Km stone reinforcement cement concrete					
M15 grade reinforcement local stone					
do. do all complete 70s as per B.I.E.					
B.I.F. provided - (40)					
(1) Km Stone 2 Nos	(2)	2710.60/m			5421 = 10
(1) 200m Stone 4 Nos	(5)	693.43/m			2774 = 10
Item No-23 providing Road marking with hot applying thermoplastic compound - do - do - do -					
(1) Bit surface - 142.40 m ²					
	(5)	850.92/m			1,21,171 = 10
(2) P.C.C. Parting surface -					
	40 m	95.71/m ²			38,068 = 10
Item No-24 providing and fixing of typical rumbley informative sign board with legs as per M.O.R.D. specification and drawing - do - do - do -					

Continuation

