

RVN-NH82 Storababatar Road To Jama Masjid

Tola.

Schedule XLV-Form No. 134

DIVISION

SUB-DIVISION

354< GHUS 34-2191

Deepak Kumar

MEASUREMENT BOOK

3198

प्रमाणित किया जाता है कि इस मापि पुस्तिका में
मशीन से छपे कुल-100 (एक सौ) पृष्ठ अंकित हैं। दि.
शी.....नीरम वैभव.....

सह. उप. अभियन्ता, ग्रामीण कार्य विभाग, कार्य अवर
प्रमंडल.....अरुथावाँ.....के नाम से निर्गत
किया जाता है।

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग कार्य प्रमंडल
बिहार शरीफ (नालन्दा)
राम नरस
05-01-24

Sch. XLV-Form No. 134

बिहार शरीफ DIVISION

अरुथावाँ SUB-DIVISION

Measurement Book

No. 3198

Name of officer श्री नीरम वैभव

सहायक अभियन्ता अवर प्रमंडल

Date of first entry अरुथावाँ

Date of last entry

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				Content of area
	No.	L.	B.	D.	
<u>1st on final bill</u>					
Name of work:- NH 82 Gorbabartar					
Road To Jama Masjid Tola					
Agency :- Deepak Kumar					
Agreement No:- MBD-01/2024-25					
Date of Commencement:- 27-08-2024					
Date of completion:- 09-11-2024					

MEASUREMENT			
① Clearing and Grubbing Road Land			
--- do --- do --- e/i			
$2 \times 235 \times 1.00 =$			$470m^2$
$2 \times 223 \times 1.00 =$			$446m^2$
916			693m² 916m ²
In HA, $693/10000 =$			0.0693HA 0.0916HA
② Providing and applying Tack			
coat with Bitumen Emulsion (RS1)			
--- do --- do --- e/i			
$5 \times \frac{5.50 + 3.75}{2} =$			$23.12m^2$
$165 \times 3.75 =$			$618.75m^2$
Continuation			641.87m ²

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	BF				641.87m ²
	16X	$\frac{5.0+6.0+7.2}{3}$			97.06m ²
	24X	3.75			90m ²
	25X	$\frac{6.80+6.50+6.80}{3}$			167.5m ²
	67X	3.75			251.25m ²
	20X	$\frac{3.20+3.50+3.75}{3}$			69.67m ²
	36X	3.75			135m ²
	100X	3.75			37.5m ²
	Total Qty =				1489.85m ²

③ Providing and laying
Semi-Dense Bituminous
concrete.

---	do	---	do	---	efi
5X	$\frac{5.50+3.75}{2}$				$\times 0.025 = 0.57m^3$
165X	3.75				$\times 0.025 = 15.46m^3$
16X	$\frac{5.0+6.0+7.2}{3}$				$\times 0.025 = 2.42m^3$
24X	3.75				$\times 0.025 = 2.25m^3$
25X	$\frac{6.80+6.50+6.80}{3}$				$\times 0.025 = 4.18m^3$
67X	3.75				$\times 0.025 = 6.28m^3$
20X	$\frac{3.20+3.5+3.75}{3}$				$\times 0.025 = 1.74m^3$
36X	3.75				$\times 0.025 = 3.37m^3$
100X	3.75				$\times 0.025 = 9.37m^3$
	Total Qty =				45.64m ³

Continuation

3
Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
BF					45.64m ²
④ Construction of subgrade and Earthen shoulders					
--- do --- do --- e/i					
	2	6	30	$\frac{0.6+0.4}{2} \times 0.3$	54m ³
	2	9	30	1.0×0.3	24m ³
	2	2	20	$\frac{0.55+0.4}{2} \times 0.3$	11.4m ³
	2	3	30	$\frac{0.6+0.4}{2} \times 0.3$	9.7m ³
	2	1	10	0.3×0.3	6m ³
	Total Qty =				122.4m ³

⑤ Reinforced Cement Concrete					
M15 Grade Km local stone					
--- do --- do --- e/i					
Qty =	1.00 Nos				= 1.00 Nos.

⑥ Reinforced Cement Concrete					
M15 Grade 200mm stone					
--- do --- do --- e/i					
Qty =	2.00 Nos				= 2.00 Nos

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑦ Providing and fixing of Retro-Reflectorised 600mm Equilateral triangle --- do --- do --- e/i					
Qty = 3.00 Nos					= 3.00 Nos
⑧ Providing and fixing of Retro-Reflectorised 600mm Circular --- do --- do --- e/i					
Qty = 2.00 Nos					= 2.00 Nos
⑨ Providing and fixing of Retro-Reflectorised 600mm X 450mm Rect. --- do --- do --- e/i					
Qty = 1.00 Nos					= 1.00 Nos
⑩ Planting of trees by Road Sides --- do --- do --- e/i					
Qty = 20 Nos					= 20 Nos

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑪ Providing and laying of hot applied Thermoplastic Compound Road marking - - - - do - - - - do - - - - e/i					
	2	5	0.1		1m ²
	2	165	0.1		33m ²
	2	16	0.1		3.2m ²
	2	24	0.1		4.8m ²
	2	25	0.1		5.0m ²
	2	67	0.1		13.4m ²
	2	20	0.1		4m ²
	2	36	0.1		7.2m ²
	2	100	0.1		20m ²
	Total Qty =				31.6m ²
⑫ Providing and fixing 'Logo' of Project - - - - do - - - - do - - - - e/i					
Qty = 2 NOS					2.00 NOS
⑬ Providing and fixing Citizen Information Board - - - - do - - - - do - - - - e/i					
Qty = 2.00 NOS					2.00 NOS

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(14) Providing and fixing 'Logo' of maintenance Board					
do do do					
Qty = 1.00 NOS					1.00 NOS

W. J. J. J.
14/11/24
A.E.

ABSTRACT OF COST

(1) Clearing and grubbing Road land					
do do do					
0.0916 HA					
0.0693 HA VTMB P					(3)
@ Rs 76926.08/HA					Rs 7046/-
					Rs 5331/-
(2) Providing and applying Tack coat with Bitumen Emulsion (RS1)					
do do do					
1489.85 m ² VTMB P					(3)
@ 19.60/m ²					Rs 29201/-

Continuation

Rs 36247/-

7
Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
BF					Rs 36247/-
③ Providing and laying Semi-Dense Bituminous concrete					
--- do --- do --- c/i					
45.64m ³ VTMB P				②	
@ 12348.1/m ³					Rs 590951/-
④ Construction of subgrade and Earthen Shoulders					
--- do --- do --- c/i					
122.40m ³ VTMB P				③	
@ 264.51/m ³					Rs 32376/-
⑤ Reinforced cement concrete					
M15 Grade Km local stone					
--- do --- do --- c/i					
1.00m ³ VTMB P				③	
@ 2748.06					Rs 2748/-

Continuation

Rs 662322/-

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	BF				Rs 676802/-
⑨ Providing and fixing of Retro-Reflectors					
600mm x 450mm Rect.					
--- do --- do --- e/i					
100 NOS VTMB P				⑥4	
@ 4101.17					Rs 4101.17
⑩ Planting of trees by Road sides					
--- do --- do --- e/i					
20 NOS VTMB P				⑥4	
@ 1305.10					Rs 26102/-
⑪ Providing and laying of hot applied Thermoplastic Compound Road marking					
--- do --- do --- e/i					
91.6m ² VTMB P				⑥5	
@ 886.50					Rs 81203/-

Continuation

Rs 788208/-

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	BF				Rs 788208/-
⑫ Providing and fixing Load of Project					
--- do --- do --- e/i					
2.00 NOS VTMB P				(05)	
@11510.76					Rs 23021/-
⑬ Providing and fixing Citizen Information Board					
--- do --- do --- e/i					
2.00 NOS VTMB P				(05)	
@11510.76					Rs 23021/-
⑭ Providing and fixing Load of Maintenance Board					
--- do --- do --- e/i					
1.00 NOS VTMB P				(06)	
@11510.76					Rs 11510/-
					Rs 845760/-
Add labour cost @ =					8458/-
Add GST @ 18% =					152237/-
Add Seigniorage @ 10% =					4726/-
					Rs 1011181/-
Less below 0.04% as per agreement					Rs - 407/-
					Rs 1010777/-

Continuation

14/11/24
AE

Continuation