

Name of Work:- Sigrayan S.S. School To Gopal
Tola Muzhar To La
Schedule XLV-Form No. 134

R. W.D. Works Division, PATNA.

DIVISION

Danigawan SUB-DIVISION

Measurement Book

7627

M/s Kumar Construction

1.

Package No. - P.R.N/22.23 Patna/17
Agency - M/s Kumar Construction, Prop:-
Suresh Kumar, Station Road,
Hillside Distt. Nalanda, Bihar

	Work done	
Item ①	clearing & grubbing road land etc.	
2 x	10 x 30.00 x 1.125 =	675.00 m ²
2 x	10 x 30.00 x 1.125 =	675.00 "
2 x	10 x 30.00 x 1.125 =	675.00 "
2 x	10 x 30.00 x 1.125 =	675.00 "
2 x	10 x 30.00 x 1.125 =	675.00 "
		Σ = 3375.00 m ²

P.T.O.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF = 3375.00 m ²
Item (1) (b) (clearing & grubbing)					
2 x 10 x 30.00 x 1.195 =					675.00 "
2 x 10 x 30.00 x 1.195 =					675.00 "
2 x 10 x 30.00 x 1.195 =					675.00 "
2 x 10 x 30.00 x 1.195 =					675.00 "
2 x 10 x 30.00 x 1.195 =					675.00 "
2 x 10 x 30.00 x 1.195 =					675.00 "
2 x 10 x 30.00 x 1.195 =					675.00 "
2 x 10 x 30.00 x 1.195 =					675.00 "
2 x 1 x 30.00 x 1.195 =					67.50 "
2 x 1 x 90.00 x 1.195 =					45.00 "
					8212.50 m ²
∴ Hect = 8212.50 m ² / 10000 = 0.821 Hect					

Item (2) Excavation for road way in soil using manual means, do etc.					
2 x 5 x 30.00 x 0.375 x 0.100 = 11.25 m					
Item (3) Construction of sub grade & earthen floor - do - do - etc.					
2 x 10 x 30.00 x 1.195 x 0.300 = 202.50 m					
2 x 10 x 30.00 x 1.195 x 0.300 = 202.50 "					
2 x 10 x 30.00 x 1.195 x 0.300 = 202.50 "					
2 x 10 x 30.00 x 1.195 x 0.300 = 202.50 "					
2 x 10 x 30.00 x 1.195 x 0.300 = 202.50 "					
2 x 10 x 30.00 x 1.195 x 0.300 = 202.50 "					
2 x 10 x 30.00 x 1.195 x 0.300 = 202.50 "					

Continuation 201617.50 m³

PTD

~~M/B~~ Nimi Tregua Road (Near Buzakwasthan) to
Dawara Mushori
Schedule XLV-Form No. 134

E.E. R.W.D. works

DIVISION
Patna

Daniyawan **SUB-DIVISION**

M/S Kumar Contr

MEASUREMENT BOOK

7623

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.	
1st on A/c Bill					
Name of work -	Construction & five years				
	Maintenance of Road from				
	Nione Thegwa Road (Near				
	Brahmastrya) to Dangara				
	Mushari Kader 30.54 MR.				
Agency -	M/s Kumar Construction, Prop.				
	Suresh Kumar Station Road,				
	Hilsa, Dist. Nalanda Bihar -				
	801302				

Agreement No -	36 / 100 / 23-24
Rate Approved -	10 % Below.
Date of commencement -	30/9/2023
Date of completion -	29/6/2024.
Date of measurement -	9/12/2023
Work done	
Item ①	Clearing & grubbing road land etc.
	$2 \times 10 \times 30.00 \times 1.125 = 675.00 m^2$
	$2 \times 10 \times 30.00 \times 1.125 = 675.00 "$
	$2 \times 10 \times 30.00 \times 1.125 = 675.00 "$
	$2 \times 10 \times 30.00 \times 1.125 = 675.00 "$
	$2 \times 10 \times 30.00 \times 1.125 = 675.00 "$
	$2 \times 10 \times 30.00 \times 1.125 = 675.00 "$
Continuation	103375.00 m ²

Sch. XLV-Form No. 134				Contents of area
Particulars	Details of actual measure			
	No.	L.	B.	D.
				$\text{Ref} = 3375.00 \text{ m}$
Area @ 60% clearing & grubbing)				
				$2 \times 10 \times 30.00 \times 1.125 = 675.00 "$
				$2 \times 10 \times 30.00 \times 1.125 = 675.00 "$
				$2 \times 5 \times 30.00 \times 1.125 = 337.50 "$
				5062.50 m^2
$\therefore \text{Hect} = 5062.50 \text{ m}^2 / 10,000 = 0.506 \text{ Hect.}$				

Item (2)	Construction of subgrade weather should be
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[illegible]**Continuation**

P.T.D.

Particulars	Details of actual measure			Contents of area
	No.	L.	B.	
Item (1) Floor & laying S.P.C.				
with 100-120 T.M.B.P.				
type 1 m ² - do - etc				
Area of item (1) 24				
T.M.B.P. (2) = 5943.75 m ²				
Rly = 5943.75 × 0.025 = 148.59 m ³				
Item (2) Construction of Dry				
lean Cement concrete				
-- do -- do -- etc				
1 × 10.00 × 1.50 × 0.100 = 1.50 m ³				
1 × 15.00 × 1.00 × 0.100 = 1.50 "				
3 × 6.00 × 1.20 × 0.100 = 2.16 "				
1 × 14.00 × 1.50 × 0.100 = 2.10 "				
4 × 10.00 × 1.20 × 0.100 = 4.80 "				
2 × 4 × 6.00 × 1.00 × 0.100 = 4.80 "				
1 × 15.00 × 1.50 × 0.100 = 2.25 "				
2 × 7.50 × 1.40 × 0.100 = 2.10 "				
3 × 5.00 × 1.50 × 0.100 = 2.25 "				
2 × 3.70 × 2.00 × 0.100 = 1.48 "				
				24.94 m ³

Continuation

PTD

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Item (13) construction of panel					
concrete, P.C.C. form-					
ment m. 30 grade					
--- do --- do --- do etc.					
$1 \times 7.00 \times 3.80 + 3.90 \times 0.100 =$					2.485 m ³
$1 \times 15.00 \times 3.30 + 3.40 \times 0.100 =$					5.40 "
$1 \times 15.00 \times 3.90 + 4.10 \times 0.100 =$					6.00 "
$1 \times 15.00 \times 4.10 + 3.50 \times 0.100 =$					5.70 "
$1 \times 15.00 \times 3.50 + 3.80 \times 0.100 =$					5.475 "
$1 \times 15.00 \times 3.80 + 3.80 \times 0.100 =$					5.70 "
$1 \times 15.00 \times 3.80 + 3.80 \times 0.100 =$					5.70 "
$1 \times 15.00 \times 3.80 + 3.75 \times 0.100 =$					5.66 "
$1 \times 15.00 \times 3.75 + 3.80 \times 0.100 =$					5.66 "
$1 \times 15.00 \times 3.80 + 3.75 \times 0.100 =$					5.66 "
$1 \times 15.00 \times 3.75 + 3.90 \times 0.100 =$					5.74 "
$1 \times 15.00 \times 3.90 + 4.00 \times 0.100 =$					5.995 "
$1 \times 15.00 \times 4.00 + 4.80 \times 0.100 =$					6.60 "
$1 \times 15.00 \times 4.80 + 4.50 \times 0.100 =$					6.975 "
$1 \times 15.00 \times 4.50 + 2.60 + 3.80 \times 0.100 =$					5.45 "
$1 \times 15.00 \times 3.80 + 3.80 \times 0.100 =$					5.70 "
$1 \times 15.00 \times 3.80 + 4.00 \times 0.100 =$					5.85 "
$1 \times 15.00 \times 4.00 + 3.90 \times 0.100 =$					5.995 "
$1 \times 15.00 \times 3.90 + 3.80 \times 0.100 =$					5.775 "
$1 \times 15.00 \times 3.80 + 3.75 \times 0.100 =$					5.66 "
$1 \times 15.00 \times 3.75 + 3.80 \times 0.100 =$					5.66 "
$1 \times 15.00 \times 3.80 + 3.70 \times 0.100 =$					5.675 "
$1 \times 15.00 \times 3.70 + 7.00 + 3.80 \times 0.100 =$					7.95 "

Continuation

cp 131.575 m³

PTD

Continuation

Scanned with CamScanner

Particulars	Details of actual measure				Quantity of work
	No.	L	B	D	
ABSTRACT OF COST					
(1) Clearing & grubbing road land do- etc.					
0.5166 m ³ side T.M.B. Page (17)					
at 2697.06/m ³					Rs 36,785.00
(2) Construction of 4 ft grade road 100 yds. 100 ft. do- do- etc.					
1517.36 m ³ side T.M.B. Page (18)					
at 959.33/m ³					Rs 1,56,530.00
(3) Construction of 4 ft back road with material obtained from borrow pits do- etc.					
2662.65 m ³ side T.M.B. Page (19)					
at 958.51/m ³					Rs 68,936.00
(4) Construction of 4 ft by 6 ft Prov. Well graded material 45 ft. do- etc.					
49.05 m ³ side T.M.B. Page (18)					
at 2127.05/m ³					Rs 9,10,704.00
(5) Prov. Laying & spreading & compacting stone & aggregates of 40 mm size to 100 mm 4 ft do- etc.					
100.089 m ³ side T.M.B. Page (19)					
at 4673.98/m ³					Rs 4,67,814.00
					at 20,56,668.00

Continuation

P.T.D.

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					File 925, 6668.00
(6)					Prov. laying, spreading & compacting stone aggregate regard to specific sizes to 1/2 m. or more etc.
					450.239 m ² vide TMB page (19)
					at 4253 = 62 m ² — 12 14 15/46 = 10
(7)					Prov. & applying binder coat with bitumen emul- sion (RS-1) — do — etc.
					6003.19 m ² vide TMB page (19)
					at 6000.05 m ² — 12 36 49 2000
(8)					Prov. laying & rolling of close graded bituminous surfacing material of 20 mm — do — etc.
					6003.19 m ² vide TMB page (19)
					at 256.59 m ² — 12 54 03 5900
(9)					Prov. & applying tack coat with bitumen emul- sion (RS-1) — do — etc.
					6003.19 m ² vide TMB page (19)
					at 90 = 48 m ² — 12 22 76 500
(10)					Prov. & applying tack coat with bitumen emulsion (RS-1) — do — do — etc.
					405 59 45 43000

Continuation

PTD

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					13176 599 5430 = 00
Plan (10) Contd (Track Coat)					
5943.75 m ² side Tm B.F. (20)					
el 17 = 031 m ² — 15					101,222 = 00
(11) Prov. & laying 5.00 c' with 100-120 TPH batch type R.M.P. — do — etc.					
148.54 m ³ side Tm B.F. (20)					
el 13021 = 321 m ³ — 15					14,437 53 = 00
(12) Construction of dry lean cement concrete					
— do — do — do — etc.					
24.94 m ³ side Tm B.F. (20)					
el 4245 = 85 m ³ — 15					105,43 = 00
(13) Construction of panel concrete, R.C.C. pavement 15 m wide & do etc.					
266.67 m ³ side Tm B.F. (20)					
el 3663 = 47 m ³ — 15					2310288 = 00
(14) R.C.C. 15 grade & km. stone — do — do — etc.					
(ii) km stone					
4.00 m ³ side Tm B.F. (20)					
el 2861 = 27 / each — 15					1144500
(iii) 200 M. stone					
9.00 m ³ side Tm B.F. (20)					
el 3045 = 34 / each — 15					7239 = 00
Continuation					10474520 = 00

