

श्री सतीश कुमार सिंह

राक्य (शिक्षा) दे गये

[Am MGSY - Head]

Schedule XLV - Form No. 134;

(General)

BIHAR P. W. D.

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पक्ष

DIVISION

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SUB-DIVISION

MEASUREMENT BOOK.

1451

सर्वेक्षक - सतीश कुमार सिंह

3rd on Ac Bill

Sch. XLV-Form No. 134¹¹

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Progressive Value					3053860=
(-) Previous Payment					2504165
Memo of Payment					549695=
By IT- 1% -					5497=
" CGST- 1% -					5497=
" SGST- 1% -					5497=
+ LCes 1% -					5497=
" SD 8% -					43976=
" Royalty					-
" SF					-
					Ded 659642
" e pay Cams					4837312
Total					549695=

Passed for Payment Rs
54969520 (Five Lacs

fourty nine thousand
six hundred ninety
five only

SN- 2001478340

Date - 26/1/21

25/1/21

कार्यपालक अभियंता
आमोण कार्य विभाग
प्रमोडल, कलकत्ता

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

4th on A/c Bill

Name of work:- Contn of road from Karakpur road to Dewasinga Under MMGSY (Gen)

Agency:- Sri Satish Kumar Singh

Agreement No. 68 SPD of 2019-20

Date of work order:- 31.01.2020

Time of Completion:- 09 Month (30.10.2020)

Quoted Rate:- 10% Below as per Agreement

Add 1% labour cost as per Agreement

Add 12% G.S.T. as per Agreement

Items of work

- ① Earth work in excavation for structures of 600mm Ø H.P.C. 3.00 No. C.D. work

$$3 \times 2 \times 3.90 \text{ m} \times 1.150 \text{ m} \times 1.50 \text{ m} = 40.37 \text{ m}^3$$

$$3 \times 1 \times 5.350 \text{ m} \times 1.130 \text{ m} \times 0.80 \text{ m} = 14.51 \text{ m}^3$$

$$\text{Qty} = 54.88 \text{ m}^3$$

- ② Granular sub-base bedding below pipe with well graded material

$$3 \times 1 \times 5.90 \text{ m} \times 1.130 \text{ m} \times 0.55 \text{ m} = 11.00 \text{ m}^3$$

$$\text{Bed at forker hole } 3 \times 1 \times 5.90 \text{ m} \times 0.16 \text{ m}^2 = 2.832 \text{ m}^3$$

$$\text{Qty} = 8.17 \text{ m}^3$$

- ③ Paving P.C.C. M15 grade in open hole

$$3 \times 2 \times 3.90 \text{ m} \times 1.150 \text{ m} \times 0.150 \text{ m} = 4.04 \text{ m}^3$$

$$3 \times 2 \times 1.130 \text{ m} \times 0.60 \text{ m} \times 0.150 \text{ m} = 0.61 \text{ m}^3$$

$$\text{④ Brick masonry work with cement mortar (1/3) in structure of head wall} = 4.65 \text{ m}^3$$

$$3 \times 2 \times 3.60 \text{ m} \times 0.87 \text{ m} \times 1.35 \text{ m} = 25.37 \text{ m}^3$$

$$3 \times 2 \times 3.60 \text{ m} \times 0.48 \text{ m} \times 1.12 \text{ m} = 11.61 \text{ m}^3$$

$$\text{Bed at } 3 \times 2 \times \frac{3.14}{4} \times (0.72)^2 \times 0.52 \text{ m} = 1.27 \text{ m}^3$$

$$3 \times 2 \times 3.60 \text{ m} \times 0.40 \text{ m} \times 0.60 \text{ m} = 5.18 \text{ m}^3$$

$$\text{Qty} = 43.43 \text{ m}^3$$

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L	B	D	
⑤ Providing and laying R.C.C. NP3 pipes of 600mm dia for 3.00 Nos H.P.C. in single row with all complete gate.					
$3 \times 3 \times 2.50 \text{ m}$					22.50 m
⑥ Back filling in foundation trenches					
$3 \times 2 \times 3.60 \text{ m} \times 0.41 \text{ m} \times 1.80 \text{ m}$					15.94 m ³
$3 \times 1 \times 5.90 \text{ m} \times 1.02 \text{ m} \times 0.42 \text{ m}$					7.58 m ³
Deduct for $3 \times 1 \times 5.90 \text{ m} \times 0.25 \text{ m} \times 0.25 \text{ m}$					4.43 m ³
					Qty = 19.09 m ³
⑦ Plastering on brick work surface with CM (1:1) 15mm thick with all complete.					
$3 \times 2 \times 3.60 \text{ m} \times 0.50 \text{ m}$					10.80 m ²
$3 \times 4 \times 3.60 \text{ m} \times 0.60 \text{ m}$					25.92 m ²
$3 \times 2 \times 3.60 \text{ m} \times 0.40 \text{ m}$					8.64 m ²
$3 \times 4 \times 0.40 \text{ m} \times 0.60 \text{ m}$					2.88 m ²
					Qty = 48.24 m ²
⑧ Painting two coats on parapet wall surface (detack & white stripe) with synthetic enamel paint as per specification					
$3 \times 4 \times 3.60 \text{ m} \times 0.60 \text{ m}$					25.92 m ²
$3 \times 2 \times 3.60 \text{ m} \times 0.40 \text{ m}$					8.64 m ²
$3 \times 4 \times 0.40 \text{ m} \times 0.60 \text{ m}$					2.88 m ²
					Qty = 37.44 m ²

M. Prasad
13.02.2021
J.E. Chauda

Material Statement

Earth = 54.88 m³

G.S.P. Metal = 7.33 m³

Sand = (3.13 + 9.09 + 45.60 + 22.91 + 12.1) = 74.94 m³

Stone Aggregate = 4.19 m³

Bricks = 21,715 Nos

Cement = (1.28 + 22.15 + 8.44) = 23.87 m³

M. Prasad
13.02.2021
J.E. Chauda

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
ABSTRACT OF COST					
① clearing and grubbing road and vide T.M.B. Page No. 9					
Qty 0.49 Hect @ Rs. 47488 = 85 Hect @ Rs. 23,270 = ∞					
② Removing all types of Hume pipes and disturbing material of brick masonry works vide T.M.B. Page No. 9					
Qty 22.50 RM @ Rs. 162 = 17 RM @ Rs. 3649 = ∞					
③ Cost of embankment with approved material obtained from borrow pits with a level up to 10m vide T.M.B. Page No. 9					
Qty 480.06 m ³ @ Rs. 174 = 83/m ³ @ Rs. 83,545 = ∞					
④ Cost of subgrade and shoulder shoulders vide T.M.B. Page No. 9					
Qty 1884.48 m ³ @ Rs. 176 = 83/m ³ @ Rs. 3,33,233 = ∞					
⑤ Cost of G.S.B. by providing well graded material vide T.M.B. Page No. 10.					
Qty 622.08 m ³ @ Rs. 3157 = 16/m ³ @ Rs. 19,64,006 = ∞					
⑥ Cost of W.B. M.C. 3 with stone screening vide T.M.B. Page No. 10.					
Qty 216.00 m ³ @ Rs. 4475 = 90/m ³ @ Rs. 9,66,794 = ∞					
⑦ Paving and fixing of M.M.C.S. in form sign board and citizen information board vide T.M.B. Page No. 10.					
Qty 2 nos Nos @ Rs. 9340 = 64 each @ Rs. 18,681 = ∞					
⑧ Earth work in excavation of foundation of op. vide T.M.B. Page No. 12.					
Qty 54.88 m ³ @ Rs. 273 = 45/m ³ @ Rs. 15,007 = ∞					
⑨ Granular sub-base bedding below pipe vide T.M.B. Page No. 12.					
Qty 8.17 m ³ @ Rs. 3157 = 16/m ³ @ Rs. 25,794 = ∞					
Continuation					
C.O.R.					34,33,979 = ∞

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
				815 Rs. 34,33,979=∞
⑩ Providing R.C.C. M ₁₅ grade in open foundation				
vide T.M.B. Page No. 12.				
Qty. 4.65 m ³ @ Rs. 5831=02/m ³				Rs. 27,114=∞
⑪ Brick masonry work with cement mortar in substructure of C.D. structure				
vide T.M.B. Page No. 12.				
Qty. 13.43 m ³ @ Rs. 6968=16/m ³				Rs. 3,02,627=∞
⑫ Providing and laying R.C.C. N.P. pipe of 600 mmφ for 3.00 Nos. H.P. column.				
vide T.M.B. Page No. 13.				
Qty. 22.50 RM @ Rs. 414=03/RM				Rs. 9316=∞
⑬ Back (Sand) filling in foundation trench.				
vide T.M.B. Page No. 13.				
Qty. 19.09 m ³ @ Rs. 1247=13/m ³				Rs. 23,835=∞
⑭ Plastering on brick work surface with C.M. (1:4) 15 mm thick in substructure.				
vide T.M.B. Page No. 13.				
Qty. 48.24 m ² @ Rs. 1764=98/m ²				Rs. 85,143=∞
⑮ Painting two coats on parapet wall surface (black & white stripe) with synthetic enamel paint as per specification.				
vide T.M.B. Page No. 13.				
Qty. 37.44 m ² @ Rs. 93=59/m ²				Rs. 3504=∞
			Total	Rs. 38,84,918=∞
Add 1% Labour lessn			(+) Rs.	38,849=∞
Add 12% Ge.S.T.			(+) Rs.	4,66,190=∞
			Total	Rs. 43,89,957=∞
Less 10% date lessn as per Agreement			(-) Rs.	4,38,996=∞
				Rs. 39,50,961=∞
Less Previous bill Payment Amount (vide T.M.B. Page No. 11)			(-) Rs.	30,53,860=∞
			Balance Payment	Rs. 8,97,101=∞

M. Prasad
13.02.2021
J.E. Chausa.