Head - FDR - 2023-24.

Schedule XLV-Form No. 134

Name of work - Supaul Prakhand Antargat chatma Sinna to Dighiya Sima Tak.

SUPAUL DIVISION

SUPAUL SUB-DIVISION

Measurement Book

1669

प्रमाणित किया जाता है कि इस
मासीपुस्तिका में कुल 50 (पचास) पन्ने
से प्रदर्शित पुल है जो श्री रंजीत कुमार
मंडल, सहायक अभियंता, कार्य अगर पुनंडल
सुपौल के नाम से निर्गत किया जाता है।

Executive Engineer
R.W.D. W.D., Supaul

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:- Const. of Road Sapal Prakhad Antergat Chakma Sima to Dighiya Sima tak. Under- Sapal Block.					
Agency :-					
Date of start:-					
Date of Completion:- 06-10-2023					
Date of Measurement:-					

PHASE-I

1) Supply and Carriage of brick bats upto 8KM breach and placing in breaches and layers of bats, all ---- Compl --- S/s

CH- 1000M

2 No. X 14M (7.5+5.0)/2 x (1.75+2.85+2.5)/2

= 414.14M³

29.09.2023
JE
29.09.2023
AE.

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	PHASE-II				
1) Filling of local Sand obtai -ned from river bed, --all ---complete job----					
CH-1000M					
$1 \times 15M \times \left(\frac{7.5+6.50}{2}\right) \times \left(\frac{1.50+1.85+1.65}{3}\right)$					$=175.04^3$
$1 \times 15M \times \left(\frac{7.50+6.50}{2}\right) \times \left(\frac{1.50+1.85+1.65}{3}\right)$					$=175.04^3$
$1 \times 5M \times \left(\frac{7.50+6.50}{2}\right) \times \left(\frac{1.50+1.85+1.65}{3}\right)$					$=58.33M^3$
CH-1050M					
$1 \times 9.0M \times \left(\frac{3.0+2.5}{2}\right) \times \left(\frac{3.50+1.85+1.50}{3}\right)$					$=56.51M^3$
CH-1070M					
$2 \times 6.0M \times \left(\frac{2.50+2.50}{2}\right) \times \left(\frac{3.85+1.85+1.75}{3}\right)$					$=74.50M^3$
				Total	$=539.34M^3$

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
2) Supplying of Fe bag.					
Filling of local sand.					
Stitching and placing in					
do---do--- Compt. Job--					
CH-1000M					
$2 \times 15M \times \frac{(2.50+1.50)}{2} \times \frac{(1.95+1.85+1.90)}{3}$					$=110.0M^3$
$2 \times 15M \times \frac{(2.50+1.50)}{2} \times \frac{(1.95+1.85+1.90)}{3}$					$=110.0M^3$
$2 \times 5M \times \frac{(2.50+1.50)}{2} \times \frac{(1.95+1.85+1.90)}{3}$					$=36.67M^3$
CH-1050M					
$2 \times 2.0 \times (2.50+1.50)/2 \times (1.85+1.50+0.90)/3$					$=11.33M^3$
				Total	$=268.0M^3$

Total No of Fe Bag $(3.40M^3 = 100 Bag)$

$= 268/0.034 = 7882$ Bag.

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
3) Supply and Carriage of Brick bats upto 8 KM					
& breech and placing --					
do --- do --- all --- Compl. --					
CH - 200M					
1	X	7.0	X (4.50+4.5)/2 X (0.45+0.85+0.55)/3		= 19.43 M³
CH - 215M					
1	X	17.50	X (3.0+3.50)/2 X (0.50+0.65+0.55)/3		= 32.23 M
CH - 250.0M					
1	X	23.0	X (2.5+1.50)/2 X (0.45+0.65+0.65)/3		= 26.83 M³
CH - 300M					
1	X	22.50	X (3+2.5)/2 X (0.45+0.64+0.55)/3		= 33.83 M³
CH - 1000M					
2	No. X	17.57	X (5.50+6.0)/2 X (0.65+0.85+0.45)/3		= 130.81 M³
			(A) Total		= 243.13 M³
Pot Measurments: Brick Bats					
CH - 300 - 600M					
	1	X 4.0	X 2.50	X 0.35	= 3.50 M³
1	X 2.60		X 2.0	X 0.45	= 2.34 M³
1	X 4.0		X 3.50	X 0.25	= 3.50 M³
1	X 4.0		X 3.50	X 0.45	= 6.30 M³
1	X 6.0		X 4.0	X 0.50	= 12.0 M³

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	1 x	9.0 x	1.50 x	0.45	= 6.08 M³
	1 x	2.0 x	1.50 x	0.35	= 1.05 M³
	1 x	18.50 x	1.50 x	0.45	= 12.49 M³
	1 x	6.0 x	3.25 x	0.35	= 6.83 M³
	1 x	1.50 x	1.0 x	0.30	= 0.45 M³
	1 x	2.0 x	1.0 x	0.35	= 0.70 M³
	1 x	4.0 x	1.0 x	0.45	= 1.80 M³
	1 x	2.0 x	1.0 x	0.25	= 0.50 M³
	1 x	20.0 x	1.50 x	0.45	= 13.50 M³
	1 x	22.0 x	1.75 x	0.50	= 19.25 M³
	1 x	12.0 x	3.50 x	0.45	= 18.90 M³
	1 x	4.0 x	1.0 x	0.35	= 1.40 M³
	1 x	10.0 x	2.50 x	0.45	= 11.25 M³
	1 x	4.0 x	2.50 x	0.35	= 3.50 M³
	1 x	4.0 x	4.0 x	0.30	= 4.80 M³
CH-1080-1500M					
	1 x	8.0 x	3.25 x	0.35	= 9.10 M³
	1 x	40.0 x	2.25 x	0.45	= 40.50 M³
	1 x	5.0 x	2.0 x	0.25	= 2.50 M³
	1 x	8.0 x	2.50 x	0.45	= 9.0 M³
	1 x	4.0 x	3.0 x	0.50	= 6.0 M³
	1 x	5.0 x	1.50 x	0.45	= 3.38 M³
	1 x	10.0 x	1.75 x	0.35	= 6.13 M³
	1 x	3.0 x	1.0 x	0.45	= 1.35 M³
	1 x	6.0 x	2.0 x	0.350	= 4.20 M³
	1 x	25.0 x	1.50 x	0.30	= 11.25 M³
	1 x	7.0 x	2.0 x	0.35	= 4.90 M³
	1 x	13.0 x	2.25 x	0.45	= 13.16 M³

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	1 x	10.0	x 1.50	x 0.35	= 5.25 M³
	1 x	24.0	x 1.50	x 0.45	= 16.20 M³
	1 x	20.0	x 2.0	x 0.25	= 10.0 M³
	1 x	3.50	x 1.0	x 0.45	= 1.58 M³
CH-1600-2000M					
	1 x	12.0	x 2.25	x 0.50	= 13.50 M³
	1 x	4.0	x 2.0	x 0.45	= 3.60 M³
	1 x	6.0	x 2.50	x 0.35	= 5.25 M³
	1 x	9.0	x 1.50	x 0.45	= 6.08 M³
	1 x	7.50	x 1.50	x 0.35	= 3.94 M³
	2 x	4.0	x 1.50	x 0.300	= 3.60 M³
	1 x	1.50	x 3.50	x 0.35	= 1.84 M³
	1 x	6.0	x 2.0	x 0.45	= 5.40 M³
CH-2400-2700M					
	1 x	5.0	x 1.0	x 0.50	= 2.50 M³
	1 x	20.0	x 2.0	x 0.75	= 30.0 M³
	1 x	15.0	x 2.25	x 0.65	= 21.94 M³
	1 x	16.50	x 2.0	x 0.550	= 18.15 M³
	1 x	8.0	x 1.0	x 0.60	= 4.80 M³
	1 x	7.50	x 4.0	x 0.45	= 13.50 M³
	1 x	10.0	x 1.0	x 0.300	= 3.0 M³
	1 x	13.0	x 1.50	x 0.45	= 8.78 M³
			(B) Total		= 420.52 M³
			A + B = 663.65 M³		

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	Calculation of S. Fees.				
1. Filling of Local Sand obtained from river.					
Qty = 647.22 M^3 @ 143.32/M^3 = 92759=00					
2.) Supply of EC Bag filling in L. Sand					
Qty = 267.99 M^3 @ 143.32/M^3 = 38408=00					
3) Supply of Brick Bats.					
1293.37 M^3 @ 1081.0/M^3 = 1398133=00					
			S. Fee @ 10% = 139230=00		
9/10/2023 Jr			09.10.2023 AE		

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
:- Abstract of Cost :-					
1) Filling of local Sand obtained from river bed.					
Qty = 539.34 M³ vide Pg-2					
@ 521.30/M³					Rs = 281158=00
2) Supplying of EC bag. Filling of local Sand, stitching and placing --do--do--					
Qty = 7882.0 Bag vide Pg-3					
@ 35.41/Bag					Rs = 279102=
3) Supply and Carriage of					

Brick bats upto 8KM lead.

do---do---all---com job

Qty = 663.65M³ vide Pg-6

Qty = 414.170M³ vide Pg-1

Total = 1077.82 M³

@ 2013.218/M³ Rs = 2169887=00

Total = 2730147=00

Add Cost @ 18% = 491426=00

Add LC @ 1% = 27301=00

Add SF @ 10% = 150602=00

Total = 3399476=00

05.02.2024

AE.

05/02/24