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Form No. 134
NY 4454
(Chen)

DIVISION 6A 9/7

SUB-DIVISION
BODH-15A4A

Anubha Kumar

MEASUREMENT BOOK

Pharavara Mangandi to June 29 79

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
IS on A/C Bill					
Name of Work: Const of road from Alkharwa to Mughal Road to 200m width					
Agency: Govt of Punjab					
Ag. No.: 107/1000/1/1/1/2022					
Date: 27-10-2021					
To C: 26-07-2022					
Date of Measurement: 26-2-22					

① Const of ref & marking
 Bm2 du do all
 0.460 Km

② Cleaning & grubbing
 of road 6m wide

$$10 \times 15.00 \times 6.00 = 900.00 \text{ m}^2$$

$$10 \times 15.00 \times 5.50 = 825.00 \text{ m}^2$$

$$10 \times 15.00 \times 5.00 = 750.00 \text{ m}^2$$

$$1 \times 10.00 \times 5.00 = 50.00 \text{ m}^2$$

$$2525.00 \text{ m}^2$$

$$\text{Or } 0.252 \text{ Hect}$$

C/o

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>2nd on A/C & Final Bill</u>					
<u>Name of work: Const of rural road</u>					
<u>from Bhaurhat Marghat</u>					
<u>road to Iptas under way</u>					
<u>Agency: San Antonio Kumbhari</u>					
<u>Agreement: 147/1000/1000/1000</u>					
<u>From: 27-10-2021</u>					
<u>To: 26-07-2022</u>					
<u>Date of Measurement: 25-7-22</u>					

① Const of ref pillar
0.460 Km

② Const of embankment
material obtained from
borrow pit do do do

Chainage (m)	Filling Area (m ²)	Mean Area (m ²)	Qty (M ³)
0	7.48	—	0.00
50	7.54	7.51	375.50
100	7.46	7.50	375.00
150	3.62	5.59	277.00
200	2.26	2.94	147.00
250	2.24	2.25	112.50
300	2.36	2.30	115.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Chaining		Filling Area	Mean Area		Qty (m ³)
350		2.26	2.31		115.50
400		2.32	2.29		114.50
460		2.28	2.30		138.00
					1770.00 m ³
					Deduction Subgrade (-) 307.32
					GSB (-) 202.10
					WBM Gr II (-) 131.88
					CC (-) 281.40
					Reinforced (-) 110.00
					737.30 m ³

(i) (ea) upto 1000m

$$30\% \text{ of } 737.30 \text{ m}^3 = 221.19 \text{ m}^3$$

(ii) (ea) upto 100m

$$70\% \text{ of } 737.30 \text{ m}^3 = 516.11 \text{ m}^3$$

③ Const of Subgrade &

Shoulder do do all

$$2 \times 10 \times 30.00 \times 1.25 \times 0.260 = 195.00 \text{ m}^3$$

$$2 \times 5 \times 30.00 \times 1.35 \times 0.260 = 105.30 \text{ m}^3$$

$$2 \times 1 \times 10.00 \times 1.35 \times 0.260 = 7.02 \text{ m}^3$$

$$307.32 \text{ m}^3$$

④ Const of GSB by Forming well graded (junction & Ramp)

$$4 \times 10.00 \times 3.75 \times 0.200 = 30.00 \text{ m}^3$$

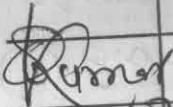
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1/1) Const of ref 2					
Working BM --					
vide MBP 4					
0.460km @ Rs 3776.78					
Rs 1737. w					
(2/2) Const of ref pillar					
vide MBP 7					
0.460km @ Rs 1718.53					
Rs 789. w					
(3/3) Clearing & grubbing of 2000 (one) dodd.					
vide MBP 4					
0.252Hect @ Rs 52998.20					
Rs 13356. w					
(4/4) Const of curb bank material obtained from borrow pit					
vide MBP 8					
(i) Lead upto 1000m					
221.19m ³ @ Rs 192.03					
Rs 42475. w					
(ii) Lead upto 100m					
516.11m ³ @ Rs 154.58					
Rs 79780. w					
Rs 120127. w					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B/F M 138			137. m
(5/6) Const of Subgrade					
2 earth shoulder					
vide ImBP 8					
307.92 m ³ @ D 176.64					
					B 57285. m
(6/7) Const of GSB by					
Providing well grade					
vide ImBP 4 - 172.50 m ³					
vide ImBP 8 - 30.00 m ³					
				202.50 m ³	
				Uml 202.10 m ³	
202.10 m ³ @ D 173.84					
					B 346367. m

(7/8) Pr, laying, spreading					
2 Compacting 1/m Gr III					
to WBM level					
vide ImBP 5 - 129.35 m ³					
vide ImBP 9 - 2.53 m ³					
				131.88 m ³	
131.88 m ³ @ D 2263.79					
					B 298549. m

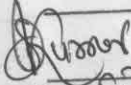
(8/) Const of Unreinforced					
Concrete Pavement					
vide ImBP 9					
281.40 m ³ @ D 5489.57					
					B 1544765. m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B/F Rs 2932723.00
(16/16) Plw & fixing mm esp					
Logo, citizen & mount					
Board dudo -					
Vide P/BSP 10					
03 NOS @ Rs 9246.47					
					Rs 27739.
(17/17) Plw & fixing retro-					
reflective traffic					
Sign dudo all					
Vide P/BSP 10					
(i) 600mm circular					
02 NOS @ Rs 4571.85					
					Rs 9144.00
(ii) 600mm equilateral Δ					
06 NOS @ Rs 3391.52					
					Rs 20349.00
(iii) 600mm x 450mm rectangular					
04 NOS @ Rs 4451.02					
					Rs 17804.00
(iv) 900mm side octagon					
02 NOS @ Rs 8187.14					
					Rs 16374.00
(18/22) Plw road marking m/c					
Vide P/BSP 10					
92.00m ² @ Rs 870.17					
					Rs 80086.00
					Rs 3104189.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B/P	B	3104189	w
Add 12% GST (+)				372503	w
Add 1% labor (+)				31042	w
Add S/P (+)				41210	w
				3548944	w
Less 15.5% Below (+)				550086	w
				2998858	w
Less already paid (+)				672602	w
upto IST on A/C					
				2326256	w
 JE 28.7.22					

Update Mq. statement

- (i) E/W - 1044.62 m³
- (ii) S/metal - 181.08 m³
- (iii) S/Dust - 116.24 m³
- (iv) S/m Gr III - 159.57 m³
- (v) S/chips - 318.46 m³
- (vi) Sand - 159.23 m³


 JE 25.7.22