

Road name— Banki purc to Arkhaya via

Schedule XLV-Form No. 134

Soculahaq Fatuha
purc

DIVISION

Agency— Pretus & Pailya

SUB-DIVISION

MB no - 7556

MEASUREMENT BOOK



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3rd & final bill					
Name of work:-	Construction & five year maintenance of Road from Bankipur to Akharniya (remaining) Part) via Sasvahan - Boro Harigan Tolga in Block Fatuha under MML (SC)				
Agency -	Patil and Piyu Construction Pvt. Ltd. Ahead Bazar colony Khajipura, P.O. B.V. College, Patna				
Agreement no -	Supplementary agreement no --- / 530/2023-24 of original Agreement no 28/530/2018-19				
Date Approved -	0.11.20 Below.				
Agreement Amount -	Rs 26,88,000				
Supp. Agg. Amount -	Rs 12,20,000				
Date of work order -	17/12/2018				
Date of completion -	16/06/2019				
Date of measurement -	31/03/2024				
Work done	2km ① Prov. & fixing of typical Informatory sign board with 'logit' - etc.				
	Qty 201 NOS				

Continuation

PTD



Scanned with OKEN Scanner

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Item ② Construction of Sub-					
- grade & earthwork					
- 1000s with 5% local sand					
mixed --- do --- do --- etc					
Side of C.C. Road					
2x10x30.00x1.125x0.160 =					108.00m ³
Item ③ Construction of embank.					
- met with material					
obtained from borrow					
pits with a lead up to					
1000.0 m --- do --- etc					
Earthwork done cal.					
calculation is given below					
as per chart: —					
Sl No	CH	Area	mean Area	Dist. in m	Volume
	(M)	(M ²)	(M ²)	(M)	(M ³)
1	0	6.300	-	-	-
2	50	9.503	7.917	50	395.825m ³
3	100	9.794	9.664	50	483.175 "
4	150	9.418	9.606	50	480.300 "
5	200	9.385	9.402	50	470.075 "
6	250	9.401	9.393	50	469.650 "
7	300	9.228	9.315	50	465.725 "
			Total	Qty =	2764.750m ³

Continuation

PTD



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item ③ Contd/Contn 3rd part</u>					
E/W Qty with Crust (504) =					2764.75 m ³
Less for Crust - Subgrade →					839.950 m ³
Crust →					113.060 "
W/B m & r. →					84.800 "
P.C.C. →					180.900 "
					1546.74 m ³
E/W Qty 10% = 1000 m lead =					1546.74 m ³
<u>Impd</u>					<u>Himanshu</u>
31.03.24					31.03.24
J.E.					AE
<u>material statement</u>					
① Earth —					492.11 m ³
<u>Impd</u>					<u>Himanshu</u>
31.03.24					31.03.24
J.E.					AE
Seigniorage —					10 %
① Earth - 492.11 m ³					
10 % of 492.11 m ³ —					Rs 800
Add previous Tm B/L (5) (+) Rs					9997.00
					A 10005.00
Add previous Tm B/L (2) (+) Rs					10071.00
					TB 20076.00

Impd
31.03.24

Continuation

Himanshu
31.03.24
AE

PTD



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1)	Prov. & fixing of working Bench mark pillars - etc				
0.075 km. vide T.M.B. page (12)					
at 13453 = 371 km - 13					
(2)	clearing & grubbing road land - etc				1009 = 00
0.11 Hect. vide T.M.B. page (12)					
at 49174 = 86 / Hect - 13					
(3)	Construction of embankment with material obtained from borrow pits				5409 = 00
with a loader upto 1000m					
--- do --- do --- etc					
1546.74 m ³ vide T.M.B. p. (20)					
at 185 = 93 / m ³ - 13					
(4)	Construction of sub-grade & earthen shoulder - etc				27525 = 00
1.426 - do - do - etc					
731.25 m ³ vide T.M.B. p. (13)					
108.00 m ³ vide T.M.B. p. (14)					
839.25 m ³ at 231 = 27 / m ³ - 13					
(5)	Construction of G.S.B. grading - etc				194194 = 00
113.06 m ³ vide T.M.B. page (13)					
at 2299 = 26 / m ³ - 13					
at 748,151 = 00					

Continuation

PTP



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				13 fls 7	48,151=00
(6)	Prov. laying, spreading x compacting graded stone aggregates of spec. - citic fines to 100 gr-111 --- do --- do --- etc				
84.80 m ² wide TMB P. (13)					
				el 4021=68/m ³ - 13	41,038=00
(7)	Construction of m. - reinforced p.c.c. base - ment --- do --- etc				
180.90 m ² wide TMB P. (13)					
				el 8127=54/m ³ - 14	70,272=00
(8)	R.C.C. m-15 grade km. stone --- do --- do --- etc				
(i) km. stone					
1.00 No. wide TMB Page (14)					
				el 2515=32/each - 13	2515=00
(ii) 200 M. stone					
2.00 m. wide TMB Page (14)					
				el 692=98/each - 13	1386=00
(9)	Prov. & fixing of semi reflective cautionary, mandatory & informative sign --- do --- etc				
(ii) 600 mm circular - 1.00 Nos.					
				el 1796=04/each - 13	1796=00
				el 25,65,158=00	

Continuation

PTD



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				DFB 25	65158=00
(11) 800 x 600 mm Rectangular					
1.00 No. vide TMB Page (11)					
els 1903=89/each — R					1904=00
(12) 600 x 450 mm Rectangular					
1.00 No. vide TMB Page (14)					
els 1788=92/each — R					1789=00
(13) Prov. & erecting direction & place identification sign — do — etc					
2.00 Nos vide TMB Page (14)					
els 3382=03/each — R					6764=00
(14) Prov. & fixing of typical					
MMGS in temporary					
sign board with "Logo"					
--- do --- do --- etc.					
2.00 No. vide TMB Page (15)					
1.00 No. vide TMB Page (18)					
3.00 Nos — els 10819=17/each — R					32458=00
					Rs 2608073=00
Less 0.11% Below					
as per agreement (-) Rs					2869=00
					Rs 2605204=00
Deduct Previous Payment					
vide TMB Page (15) (-) Rs					2483987=00
(10,13,304 + 1470689)					/
work has been complete as per spec. & order of E/I					
				Net Rs	1,21,217=00

Continuation

31.03.24
J.E.

Himanshu
31.03.24
AE

31/3/24