

Sl No: 521
2021-22
Bhenani-pur ARfo Road to Madhubani Dubey Tola
Schedule XLV-Form No. 134
Bhawanipur R.S.O. Road to Madhubani Dubey
Tola (M.R.)

French's

DIVISION

Sengraampur

SUB-DIVISION

Const Name: → A-Jay Kumar

MEASUREMENT BOOK

श्री अक्षय कुमार शर्मा अफिमो (अध्यापक)

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.	
<u>Name of work.</u>					
Bhawanipur R.E.O. Road to Madhubani Dubey tola (M.R)					
Block - Sangrampur					
Agreement date - 19-04-2021					
Agreement No. 01 MBD/2021-22					

Agency - Ajoy Kumar					
Below - 0.38%					
Agreement amount - 25298901					
27507538.00					
Actual date of completion - 17-01-2022					
date of measurement - 16-12-2021					
① Clearing & grubbing Road land					
$2 \times 216 \text{ Mps} \times 30.00 \times 1.00 = 6480 \text{ m}^2$					
$= 12960.00 \text{ m}^2$					
$2 \times 20.00 \times 100 = 40.00 \text{ m}^2$					

Total Qty = 13000.00 m²

Continuation
 0.85 130 Ha.

(Signature)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Date of entry 17-01-2021</u>					
① R.C.C. 11.5 Kilometre local Stone -					
(i) 5th km Stone - 1 Nos.					
(ii) km Stone - 7 Nos.					
(iii) 200 m Stone - 26 Nos.					
② Dis ⁿ and place board					
with size more than					
0.9 ml size Retro-reflectorized Traffic -					
$20 \times 1.20 \times 0.80 = 19.20 \text{ ml}$					
③ P/N & fixing of retro-reflectorized cautionary mandatory -					
(i) 600mm equilateral triangles - 52 Nos.					
(ii) 600mm circular - 2 Nos.					
(iii) 600mm x 450mm rectangular - 14 Nos.					
④ Boundary pillar/corner post					
72 Nos.					
⑤ Printing new letter & figures					
$2 \times 616.00 = 1232.00/\text{unit}/\text{letter}$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ planting of tree by the road side - - - - -					
- - - - -					
✓	516 Nos.				
⑦ Half Brick circular tree guard in 2nd class brick - - - - -					
- - - - -					
✓	516 Nos.				
⑧ Road marking with Hot applied thermoplastic - - - - -					
- - - - -					

$$2 \times 216 \text{ Nos} \times 30.00 \times 0.10 = 1296.00 \text{ m}^2$$

$$2 \times 20.00 \times 0.10 = 4.00 \text{ m}^2$$

$$\text{Qty} = 1300.00 \text{ m}^2$$

⑨ Plr & fixing of typical mR
 informative sign Board
 with logo as per M.O.R.D
 specification - - - - -

✓ 05 Nos.

⑩ const. of subgrade & earthen
 shoulder - - - - -

⑧
 12/02/2021
 AE

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>B.D. portion</u>					
	$2 \times 60 \text{ Nos}$	$\times 30.00$	$\times \frac{1.300 + 1.000}{2}$	$\times 0.300 = 1292.0$	
<u>C.C. portion</u>					
	$\times 51 \text{ Nos}$	$\times 30.00$	$\times \frac{0.600 + 0.400}{2}$	$\times 0.200 = 306.000^3$	
					1548.00
				Total qty =	3060.000^3
					+ S
					17-01-2022
					58'

12/07/2022

15
07.06.2022

ABSTRACT OF COST

37

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date	27-03-2022				
① clearing & grubbing Road land including uprooting wild vegetable - - -					
sty vide T.M.B. & Page 01					
sty = 1.30 Ha.					
@ Rs 52970.33/Ha					Rs 68861.00
② Dismantling of existing like culverts, bridges, retaining walls - - -					
sty vide T.M.B. & Page 2					
sty = 576 m ³					
@ Rs 235.98/m ³					Rs 1359.00
③ const. of subgrade & earthen shoulder - - -					
sty vide T.M.B. & Page-2 & 33					
sty = 1512.00 m ³					
sty = 1548.00 m ³					
Total sty = 3060.00 m ³					
@ Rs 192.04/m ³					Rs 587642.00
④ For UTD material const. of USB by P.V well graded. - - -					
sty vide T.M.B. & Page 7					
sty = 385.70 m ³					
@ Rs 2378.05/m ³					Rs 917214.00
Continuation					
					Rs 1575076.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/5) WBM Gr-II - P/V, laying, spreading & compacting					
Qty vide T.M.B. & Page-11					
Qty = 212.33 m ³					
@ Rs 4288.06/m ³					Rs 910484.00
(6/6) WBM Gr-III - P/V, laying, spreading and compacting					
Qty vide T.M.B. & Page-17					
Qty = 354.20 m ³					
@ Rs 3870.30/m ³					Rs 1370860.00
(7/7) Prime coat - P/V & applying primer coat with Bitumen emulsion (SS-I) -					
Qty vide T.M.B. & Page-28					
Qty = 4722.67 m ²					
@ Rs 43.36/m ²					Rs 204775.00
(8/8) Patch work over WBM using mix sealing surface for Bituminous & Graveling C.C. pavement					
Qty vide T.M.B. & Page-28					
Qty = 5610.87 m ²					
@ Rs 222.71/m ²					Rs 1249597.00
(9/9) Tack coat - P/V & applying tack coat with bitumen					

Continuation

Rs 5310792.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
emulsion cutting emulsion pressure distributor - - -					
sty wide T.M.B. & page-30					
sty = 30253.77 m ²					
@ Rs 14.83/m ² - - -				Rs	448752.00
(10/10) SDBC - PIV & laying SABC with 100-120 TPH batch - - -					
sty wide T.M.B. & page-30					
sty = 615.47 m ³					
@ Rs 11332.07/m ³ - - -				Rs	6974549.00
(11/11) 5th km stone - - -					
sty wide T.M.B. & page-31					
sty = 01 Nos.					
@ Rs 4438.54/each - - -				Rs	4439.00
(12/12) km stone - - -					
sty wide T.M.B. & page-31					
sty = 07 Nos.					
@ Rs 2375.47/each - - -				Rs	16628.00
(13/13) 200m stone - - -					
sty wide T.M.B. & page-31					
sty = 26 Nos.					
@ Rs 643.03/each - - -				Rs	16719.00

Continuation

Rs 12721879.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14/12) Dir ⁿ & place identification					
3 rmg					
Qty vide T.M.B. & page 31					
Qty = 13.20 m ²					
@ Rs 11865.22/m ²					Rs 227812.00
(15/13i) P/V & fixing of retro-reflectors					
600 mm equilateral triangle					
Qty vide T.M.B. & page 31					
Qty = 52 Nos.					
@ Rs 3491.61/each					Rs 181564.00
(16/13ii) 600 mm circular					
Qty vide T.M.B. & page 31					
Qty = 2 Nos.					
@ Rs 3689.01/each					Rs 7378.00
(17/13iii) 600 mm x 450 mm rectangular					
Qty vide T.M.B. & page 31					
Qty = 14 Nos.					
@ Rs 3564.66/each					Rs 49905.00
(18/14) Boundary pillar/guard post					
Qty vide T.M.B. & page 31					
Qty = 72 Nos.					
@ Rs 558.02/each					Rs 40177.00

Continuation

Rs 13278715.00
Rs 40

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19 15 printing New letter & figures of any...					
sty vide T.M.B. & page-31					
sty = 1232.00/cm ht/letter					
@ Rs 0.54/letter				Rs	665.00
20 16 planting of tree by the road side - - - - -					
sty vide T.M.B. & page-32					
sty = 516 Nos.					
@ Rs 844.59/each				Rs	435808.00
21 17 Half brick circular tree guard in 2nd class. Internal - - - - -					
sty vide T.M.B. & page-32					
sty = 516 Nos.					
@ Rs 1686.95/each				Rs	870466.00
22 18 Road marking with hot applied thermoplastic					
sty vide T.M.B. & page-32					
sty = 1300.00m ²					
@ Rs 721.95/m ²				Rs	938535.00
23 19 P.V. & fixing of typical M.A. Informatory sign					

Continuation

Rs 15524189.00

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
Board with Logo				
styrole T.M.B. & Page 32				
Qty = 0.5 Nos.				
@ Rs 9830.99/each				Rs 49155.00
(24/20) Earth work in Excavation				
for structure as per drawing				
styrole T.M.B. & Page 19				
Qty = 200.65 m ³				
@ Rs 279.09/m ³				Rs 55999.00
(25/21) Sand filling in foundation				
tranches as per drawing				
styrole T.M.B. & Page 19				
Qty = 3.47 m ³				
@ Rs 442.50/m ³				Rs 1535.00
(26/22) P/R P.C.C. M15 concrete for				
plain concrete in open foundation				
styrole T.M.B. & Page 20				
Qty = 33.46 m ³				
@ Rs 5865.95/m ³				Rs 196275.00
(27/23) B/M/W in cement mortar (1:4)				
in foundation				

Continuation

Rs 15827153.00

Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
$\frac{28}{24}$ B/M/W in cement/mortar (1:4) in Substructure --- sty rule T.M.B. & Page 7-8 sty rule T.M.B. & Page-20 sty = 121.46 m ³ @ Rs 6024.05/m ³ --- Rs 731681.00					
$\frac{28}{24}$ B/M/W in cement/mortar (1:4) in sub structure --- sty rule T.M.B. & Page-21 sty = 75.39 m ³ @ Rs 6282.43/m ³ --- Rs 473632.00					
$\frac{29}{25}$ plain/Reinforced cement concrete (M-20) in Substructure --- sty rule T.M.B. & Page-23 sty = 4.80 m ³ @ Rs 671136/m ³ --- Rs 32215.00					
$\frac{30}{26}$ p/v bituminous painting over top --- sty rule T.M.B. & Page-23 sty = 16.95 m ² @ Rs 14.83/m ² --- Rs 251.00					
$\frac{31}{27}$ R.C.C. M25 in deck slab --- sty rule T.M.B. & Page-24 sty = 18.58 m ³ @ Rs 7350.87/m ³ --- Rs 136579.00					

Continuation

Rs 17201511.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{32}{28}$ Supplying, filling & placing 12.80 bar... stywider M.B. & Page-22 qty = 2.278 MT @ Rs 57805.67/MT ————— Rs 131566.00					
$\frac{33}{29}$ p/v & filling joint sealing compound as per... stywider T.M.B. & page-24 qty = 15.00 km @ Rs 41.62/km ————— Rs 625.00					
$\frac{34}{30}$ B/M/W in cement mortar (1:3) in parapet... stywider T.M.B. & page-24 qty = 6.24 m ³ @ Rs 5723.32/m ³ ————— Rs 35717.00					
$\frac{35}{31}$ plastering with c.m. (1:4) 15mm thick on brick... stywider T.M.B. & page-25 qty = 131.34 m ² @ Rs 184.69/m ² ————— Rs 24257.00					
$\frac{36}{32}$ p/v 1.5mm cement punning including curing... stywider T.M.B. & page-25 qty = 42.56 m ² @ Rs 47.24/m ² ————— Rs 2011.00					

Continuation

Rs 17395687.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{37}{33}$ P/V weepholes in B/M sty vide T.M.B. & page 26 sty = 44 Nos. @ Rs 116.61/each ————— Rs 5131.00					
$\frac{38}{34}$ painting on parapet sty vide T.M.B. & page 26 sty = 42.56 m ² @ Rs 100.76/m ² ————— Rs 4288.00					
$\frac{39}{35}$ P/V & laying of a Rec. pipe duct sty vide T.M.B. & page 18 sty = 60.00 Rm. @ Rs 944.84/Rm ————— Rs 56690.00					
$\frac{40}{36}$ B/M/w in C.M. (1:3) in parapet excluding sty vide T.M.B. & page 26 sty = 5.76 m ³ @ Rs 5723.92/m ³ ————— Rs 32970.00					
$\frac{41}{37}$ plaster with C.M. (1:4) on g/p in substructure sty vide T.M.B. & page 26 sty = 40.32 m ² @ Rs 184.69/m ² ————— Rs 7447.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(37/33) p/v weepholes in B/M					
sty vide T.M.B. & page 26					
sty = 44 Nos.					
@ Rs 116.61/each				Rs	5131.00
(38/34) painting on parapet					
sty vide T.M.B. & page 26					
sty = 42.56 m ²					
@ Rs 100.76/m ²				Rs	4288.00
(39/35) p/v & laying of a Rec. pipe duct					
sty vide T.M.B. & page 18					
sty = 60.00 Km.					
@ Rs 944.84/Km				Rs	56690.00
(40/36) B/M/w in c.m. (1:3) in parapet excluding					
sty vide T.M.B. & page 26					
sty = 5.26 m ³					
@ Rs 5723.32/m ³				Rs	32970.00
(41/37) plaster with c.m. (1:4) on G/w in substructure					
sty vide T.M.B. & page 26					
sty = 40.32 m ²					
@ Rs 184.69/m ²				Rs	7447.00

Continuation

Rs 17502213.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(42/38) plaster with C.M. (1:4) on B/w in sub structure					
sty. vide T.M.B. & page-27					
Qty: 221.76 m ²					
@ Rs 184.69/m ²					Rs 40957.00
(43/39) painting two coat including primer coat					
sty. vide T.M.B. & page-27					
Qty: 262.08 m ²					
@ Rs 100.76/m ²					Rs 26407.00
					Rs 17569577.00
(44) add Lab access @ 1% - Rs 175696.00					
(45) Add GST @ 12% Rs 2108349.00					
(46) Add Sery mortgage fee Rs 134700.00					
Total Rs 19988322.00					
Less 0.34% below as per agreement.					
					Rs 67960.00
Net Rs 19920362.00					
12/03/2022 AE					
					27-03-2022 JE