

# MAR JAWALA

Shedule XLV Form No. 134.

R.W.D WORK'S DIVISION  
R.W.D. WORK SUB-DIVISION  
GHAUR BAZAAR

**Measurement Book**

*MB NO:- 40*

*MB NO:- 40*

Actual A/c & Final Bill

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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 :-	Length of Road form				
MHRSY Matrujan Nagar to					
Sakhuwa Ward No. 12 Block					
Sour Bazar.					
Agency :- Maa Sujala Enterprises					
Prop. - Harishankar Jha,					
Dumrahl Tiwari Tola,					
W. No. 32 Saharsa					
Agreement No. :- 02 MBD/MHRSY (NDB)/24-25					
Agreement Value :- ₹ 4,39,88,789/- (Rupees)					
₹ 46,87,086/- (Rupees)					
Total ₹ = ₹ 4,86,75,875/-					
Agreement Rate :- 03 NDB Rate					
Date of Commencement :- 03.10.24					
Date for completion :- 08.10.25					
Actual Date of Comp. :-					
Date of Entry :-					
1/ setting out pillars do do					
all long 1. - Job - 600 nos					
2/ electing & grubbing Road					
land do do w/ comp					
— Job —					
1 X 696 X <u>3.5</u> / 10,000 = <u>0.2436484</u>					
Continuation					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/1.0.→	2 X 6.450	X 1.410	X 0.150	=	2.709 m³
Below Pipes	1 X 4.931	X 1.530	X 0.200	=	1.886 "
				Total =	4.595 m³
6/ Pro. per M-20 grade u/a					
Substr - do - do u/a					
- Coupl - Job -					
7/ Pro. - 2 X 6.150	X 0.825	X 3.180	=	32.269 m³	
Parapet	2 X 6.150	X 0.1410	X 0.610	=	2.952 "
Less for pipes	2 X 0.7857 + (1.23)² X 0.622	+ 1.478 "			
				Total =	33.740 m³
7/ Pro. & laying Rec pipe					
IHP-3 do - do u/a					
- Coupl. - Job -					
3 m x 2.5m =					7.50 m.
8/ Longeable Duct Across					
the Road do - do o					
all coupl. - jobs -					
2 X 3 X 2.5 m =					15.00 m.
Dimensions					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
WB M 600	3 (Bf Pcs 100)				
	10 x 2.5 x 3.75 x 0.075				70.312 m <sup>3</sup>
	1 x 2.5 x 3.75 x 0.075				7.031 "
For length	1 x 7 x $\frac{3.75 + 7.5}{3} \times 0.075$				30.36 "
					1
					Total - 80.379 m <sup>3</sup>

~~10 x 2.5 x 3.75 x 0.075~~

Date of Entry:-	
1/ const' of cement concrete	
Pavement M 30 do-	
do u/c comp. Job	
1 x 15 x $\frac{8.75 + 6.75 + 3.75}{4} \times 0.160$	15.210 m <sup>3</sup>
2 x 3.0 x 3.75 x 0.160	36.00 "
1 x 2.2 x 3.75 x 0.160	13.20 "
1 x 1.3 x $\frac{3.75 + 4.3 + 3.75}{3} \times 0.160$	8.181 "
1 x 2.5 x 3.75 x 0.160	15.00 "
1 x 1.0 x 3.75 x 0.160	6.00 "
1 x 1.1 x $\frac{3.75 + 4.2 + 3.75}{3} \times 0.160$	6.864 "
2 x 3.0 x 3.75 x 0.160	36.00 "
1 x 2.7 x 3.75 x 0.160	16.20 "

Continuation -

Total - 152.655 m<sup>3</sup>

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$BF@4=2.00\text{ m}^2$
					$2.00\text{ m}^2$
					$1.60\text{ m}^2$
					$1$
					$\text{Total} = 5.60\text{ m}^2$

8) Painting on Parapet wall

(Black & White Strips)

$$2 \times 6.150 \times 0.4\text{ m} = 4.920\text{ m}^2$$

$$4 \times 6.150 \times 0.6\text{ m} = 14.760\text{ m}^2$$

$$4 \times 0.4\text{ m} \times 0.6\text{ m} = 0.960\text{ m}^2$$

$$\text{Total} = 20.640\text{ m}^2$$

~~35.0215~~

Continuation

ABSTRACT OF COST  
(Estimate & Final Bill)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 Setting out pillars					
Qty = 6.00 nos. - wide 8-01					
(@ \$ 3054.33/m <sup>3</sup> ) - B = 18326=0					
2/2 Excavating & Grouting Road bed					
Qty = 0.24361 cuft - wide 8-01					
(@ \$ 72697.86/m <sup>3</sup> ) - B = 17709=0					
3/3 Dismantling (cement marks)					
Qty = 23.27 m <sup>3</sup> - wide 5-02					
(@ \$ 314.04/m <sup>3</sup> ) - B = 7308=0					
4/4 Dismantling (PCC)					
Qty = 0.81 m <sup>3</sup> - wide 5-02					
(@ \$ 563.17/m <sup>3</sup> ) - B = 456=0					
5/5 Removing cut & type H.P.					
Qty = 10.00 m <sup>3</sup> - wide 5-02					
(@ \$ 248.74/m <sup>3</sup> ) - B = 2487=0					
6/6 Box cutting					
Qty = 31.575 m <sup>3</sup> - wide 8-04					
(@ \$ 103.85/m <sup>3</sup> ) - B = 3279=0					
7/7 Roadway cutting					
Qty = 18.945 m <sup>3</sup> - wide 8-05					
(@ \$ 59.69/m <sup>3</sup> ) - B = 1131=0					
8/8 (i) Cut of Embankment bed 100m					
Qty = 260.897 m <sup>3</sup> - wide 8-11					
(@ \$ 257.40/m <sup>3</sup> ) - B = 67155=0					
8/8 (ii) Cut of Embankment bed 100m					
Qty = 1043.589 m <sup>3</sup> - wide 8-11					
(@ \$ 184.40/m <sup>3</sup> ) - B = 192438=0					
Continuation					
B = 3,10,289=0					

Particulars	Details of actual measurement				Contents of area
	R.B.	L	B	B	
18/18. Dry land (Bare ground)					
Dryy = 1000 m <sup>2</sup> - 20000 m <sup>2</sup>					
18/19. Embankment					
Dryy = 15 m <sup>2</sup> - 20000 m <sup>2</sup>					
Total dry area = 1000000 m <sup>2</sup>					
Depressions (ditches etc.)					
Dryy = 2.00 m - 300000 m <sup>2</sup>					
Total dry area = 970000 m <sup>2</sup>					
(U) 3. Roads or paths					
Dryy = 2.00 m - 1000 m <sup>2</sup>					
Total dry area = 969900 m <sup>2</sup>					
30/20. Open areas (Jungle, shrubs, grasses etc.)					
Dryy = 1000 m <sup>2</sup> - 20000 m <sup>2</sup>					
Total dry area = 967900 m <sup>2</sup>					
(U) 2. Roads or paths (other paths)					
Dryy = 2.00 m - 400 m <sup>2</sup>					
Total dry area = 967500 m <sup>2</sup>					
(U) 3. Roads or paths (other paths)					
Dryy = 2.00 m - 400 m <sup>2</sup>					
Total dry area = 967100 m <sup>2</sup>					
22/22. Planting of trees & shrubs					
Dryy = 2.00 m <sup>2</sup> - 400 m <sup>2</sup>					
Total dry area = 967100 m <sup>2</sup>					
23/23. Roads + paths (B.T. surface)					
Dryy = 50 m <sup>2</sup> - 1000 m <sup>2</sup>					
Total dry area = 954100 m <sup>2</sup>					
Continuation					8-53,16,94934

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Sch. XLV-Form No. 134 BFB = 53,16,947/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24/24 Road Marking (Per Surface)					
Qty = 84.20 m <sup>2</sup> wide 8 - 12					
	Q/S	825.75/m <sup>2</sup>	B =	69528/-	
25/25 Pn. & Fixing Logo of MHC Project					
Qty = 5.10 m <sup>2</sup> wide 8 - 13					
	Q/S	12767.68/m <sup>2</sup>	B =	63838/-	
26/26 E/W excavation for foundation					
Qty = 29.798 m <sup>3</sup> wide 8 - 02					
	Q/S	410.66/m <sup>3</sup>	B =	12237/-	
27/27 Pro. P.C.H-15 Grade m <sup>3</sup>					
Qty = 4.595 m <sup>3</sup> wide 8 - 03					
	Q/S	8149.35/m <sup>3</sup>	B =	37446/-	
28/28 Pro. P.C.M. 20 Grade in Substr.					
Qty = 33.740 m <sup>3</sup> wide 8 - 03					
	Q/S	177.15/m <sup>3</sup>	B =	309637/-	
29/29 Pro. & laying Rcc Pipe N.P-3					
Qty = 7.5 m <sup>3</sup> wide 8 - 02					
	Q/S	7316.81/m <sup>3</sup>	B =	54876/-	
30/30 Painting on Parapet wall					
Qty = 20.64 m <sup>2</sup> wide 8 - 13					
	Q/S	126.83/m <sup>2</sup>	B =	2618/-	
					/
					/
					Totals = 5867127/-
Add @ 187.60/- (P) B =					1056083/-
Add @ 1.1 L. cost (P) B =					58671/-
Add @ 167.8. fee (P) B =					89066/-
Continuation					/
					7070947/-

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$BF-B = 70,70,947-10$
Less on Bed Rate -	b				$0-00$
					$\text{Total Projected} = 70,70,947-10$
					<del>3502125</del>
					<del>50</del>
					<del>00 P</del>
					<del>Bed</del>
					<del>3502125</del>
					<del>60</del>
<u>upto Date material statement</u>					
(1) P/B = 1700.14/m <sup>3</sup> @ 8	35.01/m <sup>3</sup>				
(2) 53mm to 9.5mm = 156.732m <sup>3</sup> @ 8	915.67/m <sup>3</sup>				
(3) 9.5mm to 2.36mm = 62.70m <sup>3</sup> @ 8	424.21/m <sup>3</sup>				
(4) 53mm to 22.4mm = 199.263m <sup>3</sup> @ 8	1080.58/m <sup>3</sup>				
(5) Stone Screening = 39.53m <sup>3</sup> @ 8	424.21/m <sup>3</sup>				
(6) Stone Aggregate = 264.12m <sup>3</sup> @ 8	886.10/m <sup>3</sup>				
(7) coarse sand = 226.10m <sup>3</sup> @ 8	494.10/m <sup>3</sup>				
(8) BRICKS = 12090.0 m <sup>3</sup> @ 8	5.26/m <sup>3</sup>				
(9) Fine sand = 7.8m <sup>3</sup> @ 8	143.32/m <sup>3</sup>				
(10) Bitumen Emulsion (SS-1) = 0.89 MT					
(11) " " (RS-1) = 0.29 MT					
(12) Bitumen (S-90) = 1.98 MT					
(13) Stone chips = 28.122m <sup>3</sup> @ 8424.21/m <sup>3</sup>					
					<del>3502125</del>
					<del>50</del>
					<del>00 P</del>
					<del>Bed</del>
					<del>3502125</del>
					<del>60</del>

Continuation