

Salempur to Matua Under Head MR 3054

Ag. No. 14 MBD/22-23

Schedule XLV Form No. 134.

Sherghati

DIVISION

Gurua

SUB-DIVISION

Name of Agency:- M/S Maa Shanti Const.

Measurement Book

1431

Date of work start - 24/11/2023

Date of completion:- 23/11/2024

Allot received from BRRDA
 vide Ltr 96 wdt 07/07/2023
 Amt - 75,00,000=00

1st Alc bill
Memo of Payment.

SD @ 54.	3,75,000=00	
IT @ 24.	1,50,000=00	
CGST @ 14.	75,000=00	
SGST @ 14.	75,000=00	
LCes @ 4.	75,000=00	
S Fee	92,471=00	
Royalty	2,83,078=00	
Chq	63,74,451=00	
	75,00,000=00	

11,25,549=00

13.07.2023

Passed for 75,00,000=00 (Seventy
 five lakh rupees only)

Continuation
 Divisional Accounts Officer
 R.W.D. Works Division
 Sherghati (Gaya)
 Executive Engineer
 RWD, Works Division
 Sherghati
 10/07/2023

1st Alc bill

Memo of Payment

SD @ 5+	3,75,000=00	11,25,549=00
IT @ 2+	1,50,000=00	
CGST @ 14	75,000=00	
SGST @ 14	75,000=00	
LCes @ 4	75,000=00	
S Fee	92,471=00	2307184361
Royalty	2,83,078=00	
Chq	63,74,451=00	
	75,00,000=00	

13.07.2028

Passed for 75,00,000=00 (Seventy five lakh rupees only)

10/7/23

10/7/2023

Divisional Accounts Officer
R.W.D. Works Division
Sherghati (Gaya)

Executive Engineer
RWD, Works Division
Sherghati

10/07/2023

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Abstract of cost				
(1)	clearing & grubbing road land & woods				
	Qty side Trip. 17 items				
	0.85 Hect @ 56526.51/Hect Rs = 480482				
(2)	Salt out & existing bituminous surface & road				
	Qty side Trip. 17 items				
	427.15 m ² @ 18.47/m ² Rs = 789620				
(3)	removal of subgrade & bottom shoulder				
	level up to 100 mm - deep				
	Qty side Trip. 17 items				
	2280 m ³ @ 221.40/m ³ Rs = 5047920				
(4)	Gr. S. 3. hr II material & chub				
	Qty side Trip. 17 items				
	247.53/m ³ @ 1630.42/m ³ Rs = 40359020				
(5)	WB. 4 hr material & chub				
	Qty side Trip. 17 items				
	119.99 m ³ @ 3027.02/m ³ Rs = 3692120				
(6)	WB. 4 hr 3 material & chub				
	Qty side Trip. 17 items				
	item no. 6				
	274.17 m ³ @ 3096.99/m ³ Rs = 8491160				

Continuation Total Rs = 21826545

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7/7)	prime coat (low porosity)				BPRs = 2182634 =
	(SS1) dials & Qty side				
	Item no. 7				
3655.6 m ²	@ 55.91/m ²				As = 204385 =
(8/8)	Tack coat (Re) for pot patch - dials				
	Qty side Item no. 8				
3655.6 m ²	@ 19.04/m ²				As = 69603 =
(9/9)	Tack coat for full legend dials				
	Qty side Item no. 9				
10794.38 m ²	@ 15.82				As = 171307 =
(10/10)	M.S.S. for pot patch 2mm thickness dials				
	Qty side Item no. 10				
3655.6 m ²	@ 222.51/m ²				As = 813408 =
(11/11)	S.B.B.C for B.T. Surface 2mm thickness				
	Qty side Item no. 11				
269.86 m ²	@ 11772.09/m ²				As = 3176816 =
(12/12)	penal concrete pavement M30 grade 100mm thick				
	dials Qty side Item no. 12				
615.09 m ²	@ 6813.10/m ²				As = 4067652 =
Continuation T = 1,06,85,825 =					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			N F	157	10685825
(13/13)			Ordinary Km. Stone		
			chaco qm side Tm 2		
			P-19 item no 13		
06 Nov	@	2295.69	/each	Rs=	137772
(14/14)			200m Stone chalo		
			qm side Tm 19		
			item no 13		
17 Nov	@	678.59	/Each	Rs=	115362
(15/15)			preparing & fixing		
			road structure chalo		
			qm side Tm 20-26		
			item no 12		
566	Nov	@ 247.66	each	Rs=	140176
(16/16)			Road sign Board indicator		
			retro Reflective		
			600mm equilateral &		
			triangular chalo		
			qm side Tm 26		
			item no 13		
57 Nov	@	1139.82	/each	Rs=	619732
(17/17)			Road sign Retro Reflective		
			side. Board. 600mm 2 quadr.		
			triangular chalo side Tm 27		
			item no 18		
26 Nov	@	4213.98	each	Rs=	1095642

Continuation T=1,10,22,848=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18/19)					
600 mm circular choko					
Qty like TMB p-19, 20					
item no 14					
06 Nos @ 5521.36/each Rs = 33428.20					
(19/20)					
600 mm x 450 mm					
rectangular choko					
Qty like TMB p-22					
item no 15					
06 Nos @ 5432.41/each Rs = 32594.46					
(20/21)					
Painting two coats in					
New concrete surface					
choko					
Qty like TMB p-23					
9.120 m ² item no 5					
13.26 m ² Qty like TMB p. 24 item 10					
220.8 m ² Qty like TMB p. 28 item 19					
67.20 m ² Qty like TMB p. 30 item 27					
44.16 m ² Qty like TMB p. 31 item 29					
354.54 m ² @ 107.35/m ² Rs = 37351.20					
(21/22)					
plantation of tree choko					
Qty like TMB p. 20					
item no 15					
143 Nos @ 986.83/each Rs = 141117.20					
Continued					
T = 1,12,67,338.20					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(26/28)					
E/W in excavation					
in found ^h also					
Qty vide TMS. P-22					
15.662 m ³ item no. 1					
29.798 m ³					
Qty vide TMS. P-23 item 6					
117.0 m ³					
Qty vide TMS. P-28 item 2					
162.46 m ³ @ 325.64/m ³ ft = 52903					
(27/29)					
providing RCC M18 grade					
in found ^h also					
Qty vide TMS. P-22					
2.000 m ³ item no. 2					
+ 13.869					
Qty vide TMS. P-23 item 3					
2.962 m ³ vide TMS. P-24 item 7					
11.70 m ³					
Qty vide TMS. P-28 item 2					
52.93 m ³ @ 5169.52/m ³ ft = 273623					
(28/30)					
providing RCC M20 grade					
in open found ^h also					
Qty vide TMS. P-29 item 8					
102.38 m ³ @ 5628.50/m ³ ft = 576246					
(29/31)					
providing concrete plain/					
reinforced concrete					
M20 grade in coping					
Qty vide TMS. P-29					

Continuation

1,29,42,182

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF AS =		
(33/37)			providing NP3		
			pipe 60mm dia		
			along side TWP-23		
			item 4		
			7.50 m @ 2928.99/m =		21967 =
(34/38)			providing concrete		
			concrete pipe		
			NP3 (burrhead) conduit		
			300mm dia pipe		
			along side TWP-31		
			item 30		
			50m @ 748.42/m Rs =		37421 =
					1,32,34,005 =
			Add GST @ 13% =		1720421 =
			Add S. fee =		175990
					1,51,30,416 =
			Less Rs per Agreement below 11.11.15		16,643 =
					1,51,13,773 =
			Less Provisional Amount Payment (-)		7500000 =
			Rs =		76,13,773 =
(11/11)			20/09/2023		
			20/09/2023		

Continuation

22

Form No. 134
Details of actual measurement

Particulars

L.

D.

MLU

Report			
Form	Scaltemper	to	
			01

Major Shanti' Crstn.

Major Shanti	MS
Major Shanti	Blair

Dist	Chayer
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14 May 2022-23

24.2	2022
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23.11.2023

date of Memo	
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HP: Culvert 600mm x New

found 2 of 5 tracheal blocks

Below pipe	1	x	5.350	x	1.130	x	0.365	=	2.207 mf
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2
2.9

as leveling course in

$$H.W = 2 \times 3.90 \times 1.150 \times 0.150 = 1.3455 m^2$$

Less for pipe	0.250	$\times 0.7854 \times 0.830^2$	$\times 5.847 = (-)$	0.79
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 2.054 m^2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/20) providing M & pcc					
as leveling course in					
found 2 diameter					
H.W =	2	3.60	0.70	2.180	10.987m ³
Parapet	2	3.60	0.40	1.20	3.456m ³
less of pipe	2	0.7857	0.937	0.530	(-) 0.574m ³
				Total Qty =	13.869m ³
(4/37) providing and laying RCC					
NP3 pipe culvert					
600 mm dia					
7.50					
7.50					
HP pipe					
(5/21) painting two coat including					
primer coat after filler					
surface chalk					
Top	2	3.60	0.40		2.880m ²
End parapet	4	0.40	1.20		1.920m ²
inner side	2	3.60	0.60		4.320m ²
Total Qty =					9.120m ²
12					
(6/25) HP culvert 1000mm dia					
EW in excavation in					
found 2 dia					
H.W =	2	6.450	1.40	1.50	27.090m ³
Below pipe	1	4.850	1.53	0.365	2.708m ³
				Total Qty =	29.798m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7/29) providing M15 grade PCC (1:2.5:5) as leveling course in foundation					
H.W =	2	6.450	1.90	0.150	2.709 m ³
Below pipe	1	4.931	1.530	0.250	1.886 m ³
less pipe		0.250	0.785	1.230	0.406
					(-) 1.633 m ³
					To L (Qty) = 2.962 m ³
(8/29) providing M15 grade PCC (1:2.5:5) as leveling course in foundation					
H.W =	2	6.150	0.825	2.580	26.18 m ³
Deduct	2	6.150	0.40	0.60	2.952 m ³
					23.228 m ³
					Total Qty = 27.655 m ³
(9/36) providing & laying RCC NP4 pipe for 10000					
Contract					
	3	2.50			7.50 m
(10/21) painting two coats including primer coat					
Top	2	6.150	0.40		4.920 m ²
End parapet	4	0.40	0.60		0.960 m ²
inner parapet	2	6.150	0.60		7.380 m ²
					Total Qty = 13.260 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/12) panel concrete permit					13.50 m ³
concrete of panel concrete					4.30 m ³
plain cement concrete					2.00 m ³
M30 grade 100 mm					
thickness above					
for profile connection					
2 x 10 x 30 mm x 0.30 x 0.100 =					18 m ³
2 x 1 x 30 mm x 0.30 x 0.100 =					18 m ³
2 x 1 x 2 mm x 0.30 x 0.100 =					0.12 m ³
2 x 10 x 30 mm x 0.30 x 0.100 =					18 m ³
2 x 5 x 30 mm x 0.30 x 0.100 =					9 m ³
2 x 3 x 30 mm x 0.30 x 0.100 =					5.4 m ³
2 x 1 x 10 mm x 0.30 x 0.100 =					0.6 m ³
2 x 1 x 10 mm x 0.30 x 0.100 =					0.6 m ³
2 x 10 x 30 mm x 0.30 x 0.100 =					18 m ³
2 x 5 x 30 mm x 0.30 x 0.100 =					9 m ³
2 x 2 x 2 mm x 0.30 x 0.100 =					2.88 m ³
2 x 1 x 10 mm x 0.30 x 0.100 =					0.6 m ³
2 x 1 x 10 mm x 0.30 x 0.100 =					0.6 m ³
2 x 10 x 30 mm x 3.75 x 0.100 =					112.5 m ³
2 x 1 x 30 mm x 3.75 x 0.100 =					11.25 m ³
2 x 1 x 30 mm x 3.75 x 0.100 =					11.25 m ³
10 x 30 mm x 3.75 x 0.100 =					112.5 m ³
1 x 30 mm x 3.75 x 0.100 =					11.25 m ³
2 x 1.00 x 3.75 x 0.100 =					0.75 m ³

Continuation

Σ = 124.5 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B. D.	
			Bfs 4y 7	208.5m ³
		10 X 30m X	2.75 X 0.100	112.5m ³
		5 X 30 X	3.75 X 0.100	56.25m ³
		3 X 30m X	3.75 X 0.100	33.75m ³
		1 X 10m X	3.75 X 0.100	3.75m ³
		1 X 10m X	3.75 X 0.100	3.75m ³
		10 X 30m X	3.75 X 0.100	112.5m ³
		5 X 30 X	3.75 X 0.100	56.25m ³
		2 X 24m X	3.75 X 0.100	18 m ³
		1 X 10m X	3.75 X 0.100	3.75m ³
		1 X 20m X	3.05 X 0.100	6.1m ³
		1 X 10m X	3.75 X 0.100	3.75m ³
				615.09m ³

(12/15)

providing & fixing of road stud 100x100mm

Cast in Aluminium - also

(50/12)

566 Nos -

(13/16)

Road Delimeter Supply and installation

of delineator (Roadway)

indicator hazard - Mark

object marker etc.

(10/14)

52 Nos -

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(14) 12-18				
netto netlathe Acetic				
Sign Board 600mm				
equilateral & triangular				
diagonal				
(15) 10				
26 Nos				
(15) 20				
600mm x 450mm				
rectangular chads				
26 Nos				
(16) 25				
plantation of tree				
road markers				
providing 2 layers of				
hot applied thermos-				
plastic compound with				
Reflecting glass beads				
on concrete surface chads				
2x 1400m x 0.200 = 280M ²				
(17) 27				
land stone/boundary				
stone/gave with chads				
51 Nos				
(18) 32				
(5 Nos CP) parapet Repair				
Brick Masonry in CM				
(1:3) in parapet chads				
5x 2x 6.00 x 0.40 x 0.60 = 14.4 M ³				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(19/23) plastering with cement mortar (1:1) on bricks work - chalo				
free wall: $5 \times 2 \times 6.00 \times 2.00 =$				120 m^2
Side wall: $5 \times 4 \times 6.00 \times 0.60 =$				72 m^2
Top: $5 \times 2 \times 6.00 \times 0.40 =$				24 m^2
front face: $5 \times 4 \times 0.40 \times 0.60 =$				4.8 m^2
Total Qty =				220.8 m^2

(20/21) painting two coats on new concrete surface chalo				
free wall: $5 \times 2 \times 6.00 \times 2.00 =$				120 m^2
Side wall: $5 \times 4 \times 6.00 \times 0.60 =$				72 m^2
Top: $5 \times 2 \times 6.00 \times 0.40 =$				24 m^2
front: $5 \times 4 \times 0.40 \times 0.60 =$				4.8 m^2
Total Qty =				220.8 m^2

(21/28) for protection wall E/W. in excavation				
for structure + for protection wall - chalo				
$60 \text{ m} \times 1.30 \text{ m} \times 1.50 =$				117 m^3
(22/29) providing RCC m/s (1:2.5:5) concrete for plain				

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
$\frac{22}{29}$	foundations completed at perfect level & grade 2x 30m x 1.20 x 0.40 = 11.52 m ³				
$\frac{23}{30}$	providing concrete for plain / reinforced concrete in open foundation chamber (Masonry work) 2x 30m x 1.10 x 0.40 x 0.75 = 2.34 m ³				102.28 m ³
$\frac{24}{31}$	providing concrete for plain / reinforced concrete Masonry work in coping over protection wall & chole 2x 30m x 0.40 x 0.075 = 1.80 m ³				
$\frac{25}{32}$	Repair work of slab & chole Brick masonry work in chole (1:3) parapet & chole & plastering - chole parapet 2x 10.0m x 0.00 x 0.50 = 6 m ³				

Continuation

Particulars	Details of actual measurement				Comments of area
	No.	L.	B.	D.	
(26) 33	plastering with cement (1:1:4) on brickwork in sub structure. done as per set of drawings. 24 sq. ft. Top: $2 \times 10 \times 0.5 = 10 \text{ sq. ft.}$ Inside: $4 \times 0.6 \times 0.5 = 1.2 \text{ sq. ft.}$ Skew: $2 \times 5 \times 0.5 = 5 \text{ sq. ft.}$ Pier: $= 1 \text{ sq. ft.}$ Total: $24 + 10 + 1.2 + 5 + 1 = 41.2 \text{ sq. ft.}$				
(27) 31	plastering with cement on N.O.C. concrete in portion of wall. After filling the portion with same qty. of concrete. 24 sq. ft. 24 67.2 sq. ft.				
(28) 33	plastering with cement mortar (1:1:4) on brick work in sub structure. done as per set of drawings.				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
face wall	2	6.00	2.00	= 24 m ²
Side face	4	6.00	0.60	= 14.40 m ²
Top	2	6.00	0.40	= 4.80 m ²
front face	4	0.40	0.60	= 0.96 m ²
				44.16 m ²

(2029)
21

painting this coat

for New concrete surface

draw

face wall = $2 \times 6.0 \times 2.00 = 24 \text{ m}^2$

Side face = $4 \times 6.0 \times 0.60 = 14.40$

Top = $2 \times 6.0 \times 0.40 = 4.80 \text{ m}^2$

front face = $4 \times 0.40 \times 0.60 = 0.96 \text{ m}^2$

Total 44.16 m²

(29)
38

providing correct volume

reinforced NP3 (Burrall)

pipe) connects on 1st

class bedding of 150mm

draw

5X10X = 80 m²

6X10X = 22.2 m²

7X10X = 14.7 m²

8X10X = 11.8 m²

9X10X = 9.9 m²

10X10X = 8.0 m²

11X10X = 6.6 m²

12X10X = 5.3 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Material statement upto date.					
PCC M30 grade concrete sand					276.79/m ³
494					13674
Crested stone = SS3					581 m ³ @ 886/m ³
					490472
PCC M15 grade concrete					27.955 m ³ @ 494/m ³
					138120
40mm stone aggregate					27.9552 m ³ @ 975/m ³
					2728
20mm					13.9776 m ³ @ 1186/m ³
					165820
10mm					10.78 m ³ @ 586/m ³
					61420
PCC M20 concrete sand					46.02 m ³ @ 494/m ³
					227620
40mm					36.86 m ³ @ 975/m ³
					3540
20mm					36.86 m ³ @ 1186/m ³
					437120
10mm					18.43 m ³ @ 586/m ³
					108020
Basic masonry work					Bricks = 10200 nos.
Sand					21.42 m ³ @ 494
					1058200
(1:4)					Sand = 12.079 m ³ @ 494
					893
PCC M20 = 1.80 m ³					Sand = 0.81 m ³ @ 494
					4020
stone chime					162 m ³ @ 975/m ³ s. fee 15820

Continuation

33

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(1)	EW	2280 m ³		
(2)	G-5B	26.5 mm - 9.5 mm = 110.56 m ³ @ 886/m ³		
		5. fee = 9756 = ∞		
		9.5 mm - 2.36 mm = 79.21 m ³ @ 424.2		
		5. fee = 3360 = ∞		
		2.36 mm below = 126.24 m ³ @ 14.3.32/m ³		
		5. fee = 1809 = ∞		
(3)	WBM cur 2	63 mm - 45 mm = 195.79 m ³ @ 975/m ³		
		5. fee = 19156 = ∞		
		11.2 mm = 32 m ³ @ 424.21/m ³		
		5. fee = 1358 = ∞		
		Binding material		
		9.66 m ³ @ 160/m ³		
		5. fee = 153 = ∞		
(4)	WBM - m ³ material	53 mm - 22.4 mm = 331.75 m ³ @ 1080.5		
		5. fee = 35846 = ∞		
		11.2 mm - below = 65.80 m ³ @ 424.21/m ³		
		5. fee = 2791 = ∞		
		MSS... stone chips		
		stone chips = 98.7030 m ³ @ 586/m ³		
		5. fee = 5784		
		washed plastic = 556 kg		
		9.5 mm - 4.75 mm = 224.8152 m ³		
		@ 586.00/m ³		
		5. fee = 13174 = ∞		
		4.75 mm below = 161.709 m ³ @ 262.42/m ³		
		5. fee = 4244 = ∞		

Continuation

Scanned with OKEN Scanner