

NATHA SE KATHARPER

Schedule XLV-Form No. 134

MMGY (SC) - 2019-20

Executive Engineer R.O.D. Divn. **DIVISION -**

Ternabod

A.E. R.O.D. Divn. **SUB-DIVISION**

Podagany

MEASUREMENT BOOK

M/S Maan bali

NO-2748



ONS

Sch. XLV - Form No. 134

E.E. R.W.D. WORK DIVISION
Jehanabad
A.E. R.W.D. WORK SUB-DIVISION
Modanbanj

Measurement Book

No. 2748

Name of Officer _____

Date of first entry _____

Date of last entry _____

Sth

80

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name at	Work - Construction				at
Work at	Road from				Naima to
	Katharpur under				munis.
Name at	Agency -				M/S Maa Kali
	engineering Works				Tenibigha, Koko
	more				Jehanabad.
Agreement No -					13/180/2021-22
Date at	Commence -				30/11/21
Date at	Completion -				02/04/2022
Date at	Measurement -				
	Measurement = Nil -				
Amount					
J.E					

Abstract at cost					
(1/1) PIV & Fixing	at Working				
Bench mark	Pillar 01 NOS				
per km	& 04 NOS	at reference			
Pillar	required	do do			
	Qty	vide	TMB		
Page No -	68	=	02 NOS		
@ 2 3630.	41/No			2	7261.0
(2/2) PIV & Fixing	at Working				
Bench mark	Pillar 01 NOS				
per km	& 04 NOS	at reference			
Pillar	do do				
	Qty	vide	TMB		
Page no -	68	=	07 NOS		

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ ₹ 1656.07 / NOS				—	₹ 11592.0
(3/3) clearing & grubbing road					
land including up-casting					
do-do-					
	Qty	vide	Tmb		
Page No - 53		=	1.01	Ha	
@ ₹ 51161.75 / Ha				—	₹ 51673.0
(4/4) Dig making ab Existing					
Structure like Culvert, bridge					
do-do-					
	Qty	vide	Tmb		
Page No - 69		=	34.47	m ³	
@ ₹ 345.55 / m ³				—	₹ 11911.20
(5/5) Dig making ab Existing					
Structure like Culvert bridge					
do-do-					
	Qty	vide	Tmb		
Page No - 69		=	1.20	m ³	
@ ₹ 480.21 / m ³				—	₹ 576.0
(6/6) Removing all types					
Hump pipe and stacking					
within a lead ab 110 mm					
do-do-					
	Qty	vide	Tmb		
Page No - 69		=	10.0	m	
@ ₹ 174.78 / m				—	₹ 1748.0
(7/4) Construction ab En-					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
bankment with material					
obtained from borrow pits					
do do					
	Qty	vide	TmB		
Page No - 70	=	297.92	m ³		
@ ₹ 188.05/m ³	—	2			56033.0
(7615) Construction at Eor-					
bankment with material					
with obtained do do					
	Qty	vide	TmB		
Page No - 70	=	299.75	m ³		
@ ₹ 170.62/m ³	—	2			51143.0
(216) Construction at Subgrade					
and earthen shoulder with					
obtained material do do					
	Qty	vide	TmB		
Page No - 70	=	4788.6	m ³		
@ ₹ 235.98/m ³	—	2			1129872.0
(9127) Earthwork in excavation					
for structure upto 3.0 depth					
do do					
	Qty	vide	TmB		
Page No - 70	=	263.60	m ³		
@ 294.73/m ³	—	2			77691.0
(10128) Sand Filling in Foundation					
Trenches as per drawing					
do do					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Qty	vide	TmB		
Page no - 70		=	323	m ³	
@ ₹ 478.09/m ³				₹	1544.0
(11/29) Providing pcc m 15					
cement concrete plain					
in open foundation da-da					
	Qty	vide	TmB		
Page no - 71		=	39.21	m ³	
@ ₹ 4462.15/m ³				₹	174961.0
(12/39) Brick masonry work					
in cement mortar (1:4) in					
sub-structure da-da					
	Qty	vide	TmB		
Page no - 71		=	75.08	m ³	
@ ₹ 5673.63/m ³				₹	425976.0
(13/30) Brick masonry work					
in cement mortar (1:4)					
foundation da-da					
Page no - 71		=	119.67	m ³	
@ ₹ 5629.15/m ³				₹	673640.0
(14/31) Brick masonry work					
in cement mortar (1:4)					
in sub-structure da-da					
	Qty	vide	TmB		
Page no - 71		=	94.22	m ³	
@ ₹ 5831.70/m ³				₹	549463.0
(15/32) Reinforcement cement					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Concrete (M-20) in Sub-structure do do					
Qty vide TMB					
Page No - 72			5.0	m ³	
@ ₹ 5241.92/m ³				₹	26210.0
(16/34) providing & laying reinforced cement concrete in super-structure do do (Deck slab)					
Qty vide TMB					
Page No - 72			15.67	m ³	
@ ₹ 6301.63/m ³				₹	98747.0
(17/35) sub division, fitting & placing 4mm dia Bar Reinforcement in super-structure do do					
Qty vide TMB					
Page No - 72			1.873	MT	
@ ₹ 5143.58/MT				₹	96347.0
(18/37) Brick masonry work cement work (1:3) in parapet excluding do do					
Qty vide TMB					
Page No - 72			4.80	m ³	
@ ₹ 5462.16/m ³				₹	26218.0
(19/38) providing weep holes in brick masonry plan					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
abutment d-d					
	Qty	vide	TMB		
Page No - 72 =			36 Nos		
@ 119.40 / Nos				₹	4298.0
(20/40) Providing & laying					
RCC pipe NP-3			For Culvert		
on first class			work		
	Qty	vide	TMB		
Page No - 73 =			7.50 m		
@ ₹ 1168.40/m					8766.0
(21/41) Providing and laying					
RCC pipe for culvert d-d					
Page No - 73 =			15.0 m		
@ ₹ 3436.48/m				₹	51547.0
(22/42) plastering with cement					
mortar (1:4) on brick work					
in sub structure d-d					
	Qty	vide	TMB		
Page No - 73 =			306.42 m ²		
@ ₹ 147.79/m ²				₹	45286.0
(23/43) Providing			1.5 mm cement		
planning including curing					
carriage ab water d-d					
	Qty	vide	TMB		
Page No - 73 =			68.60 m ²		
@ ₹ 45.45/m ²				₹	3118.0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24/7) construction at					
MSB by providing coarse					
graded material, spreading					
in uniform layer done -					
	Qty	vide	TMB		
Page No - 59	=	1308.71			
@ ₹ 2131.37/m ³				₹	2789345.0
(25/8) Providing, laying &					
Spreading and compacting					
Stone aggregate at					
WBM III done					
	Qty	vide	TMB		
Page No - 59	=	488.47			
@ ₹ 2776.47/m ³				₹	1356222.0
(26/12) Construction at un-					
reinforcement plain cement					
Concrete pavement Thickness					
as per design and over					
prepared Surface done -					
	Qty	vide	TMB		
Page No - 59	=	132.32 m ³			
@ ₹ 5366.65/m ³				₹	710115.0
(27/12) Providing and laying					
at a reinforced at cement					
concrete pipe duct 300 mm					
dia cross the road					
do do -					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Qty	vide	TmB		
Page No -	74	=	60.0	M	
@ ₹ 896.04/m				₹	53762.0
(28/9) providing and applying					
primer coat (SS-1)	Qty				
prepared surface	ab				
gravel	sub-base	do	do		
	Qty	vide	TmB		
Page No -	75	=	5649.53m ²		
@ ₹ 44.76/m ²				₹	252873.0
(29/10) Providing and applying					
top coat with Bitumen					
Emulsion by using					
do do					
	Qty	vide	TmB		
Page No -	75	=	5649.53m ²		
@ 15.23/m ²				₹	86042.0
(30/11) providing and laying					
and rolling at close grade					
2 premix surface material					
20 MM	Thic Kness	do	do		
	Qty	vide	TmB		
Page No -	75	=	5649.53m ²		
@ 190.39/m ²				₹	1075614.0
(31/13) Laying Brick soling					
layers on prepared Sub-					
grade with brick	do	do			

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Qty	vide	TmB		
Page No -	75	=	100.0	m ²	
@ ₹ 453.	52/m ²			₹	45352.0
(32a/19) Providing and laying					
ab hot applied Thermoplastic					
do do - (BT Surface).					
	Qty	vide	TmB		
Page No -	61 76	=	299.0	m ²	
@ ₹ 735.	79/m ²			₹	220001.0
(32b/20) providing and					
applying ab hot applied					
Thermoplastic do - c					
do Qty vide TmB					
Page No -	76	=	40.0	m ²	
@ ₹ 766.	57/m ²			₹	30663.0
(33/22) provision ab 15 Nos					
Scumble strip covered with					
premix do do					
	Qty	vide	TmB		
Page No -	76	=	45.0	m ²	
@ ₹ 190.	39/m ²			₹	8567.0
(34/23) provision ab 15 Nos					
premix strips covered					
with premix Bituminous					
do do					
	Qty	vide	TmB		
Page No -	76	=	22.5	m ²	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ ₹ 7	35.79/m ²	—	—	—	16555.0
(35/14) Reinforcement cement					
concrete	MIS	Grade	Kilo-		
meter	local	do do -			
	Qty	vide	TMB		
Page No -	77		= 03	Nos	
@ 1981.06 / NO	—	—	—	—	5943.0
(36/15) Reinforcement cement					
concrete	MIS	Grade	Kilometre		
stone	do do -				
	Qty	vide	TMB		
Page No -	77		= 07	Nos	
@ 562.77 / Nos	—	—	—	—	3939.0
(37/16) plv & Fixing					
Semi reflective, cautionary					
sign Board	do do -				
	Qty	vide	TMB		
Page No -	77		= 04	Nos	
@ ₹ 3562.51 / Nos	—	—	—	—	14250.0
(38/17) providing and fixing					
do semi-reflective					
mandatory	do do -				
	Qty	vide	TMB		
Page No -	677		= 04	Nos	
@ 3660.0 / Nos	—	—	—	—	14640.0
(39/18) providing & fixing					
do semi-reflective, mandatory					
do do -					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
900 mm equilateral					
Qty vide TMB					
Page No - 78	=	04 Nos			
@ ₹ 5272.96/No				₹	21096.0
(40/24) Providing and Fixing					
erecting direction and					
Place do do					
Qty vide TMB					
Page No - 78	=	06 Nos			
@ ₹ 3088.92/No				₹	18533.0
(41/26) providing and Fixing					
at typical manway					
information sign Board					
do do					
Qty vide TMB					
Page No - 78	=	03 Nos			
@ ₹ 9196.37/No				₹	27589.0
(47/25) planting at tree					
by the road side in					
0.6 m dia hole in deep					
do-do					
Qty vide TMB					
Page No - 78	=	139.0 Nos			
@ ₹ 818.70/No				₹	113799.0
					10447821.0
Add 1% Labour cess				₹	104478.0
Add 12% GST				₹	1253738.0

Continuation

Continuation