

AGREEMENT NO-28/M.MGSY/SBD/2019-20

Schedule XLV-Form No. 134

NAME OF WORK - SALGURI TO FARSHADANGI

MMGSY SC

R.W.D (W.D) KISHANGANI-2 DIVISION

Thakurganj

SUB-DIVISION

dt. 26-02-2020

25-02-2021

MB No. 1042

MEASUREMENT BOOK

Agency - Naiyer mughriz

प्रमाणित किया जाता है कि इस माप पुस्त में कुल 100
(एक सौ) मुद्रित दोहरे पृष्ठ हैं। जो.....
सहायक अभियंता, ग्रा०का०वि०कार्य अवर प्रमण्डल.....
के नाम से निर्गत किया जाता है।

कार्यपालक अभियंता
ग्रा०का०वि०कार्य अवर प्रमण्डल
थरुनगंज-2
08/03/20

(re-issue to Shri Arjit Kumar
(J. e. Thakurngani))

Konkur
08/03/20
A. B.
Thakurngani

Sch. XLV—Form No. 134

DIVISION

SUB-DIVISION

Measurement Book

No. 1042

Name of Officer

Date of first entry

Date of last entry

3rd & Final Bill

27

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
NW:- Const. of road from					
Salguri to Farshadganji					
Agreement no - 29/MMGS (SC)/SBD/2019-20					
Agency:- Md. Nayer Mughni					
Dt. of Commencement - 26-02-2020					
Dt. of Completion - 25-02-2021					
<u>Measurement-</u>					
1.	Const. of granular sub-base with all comp. for Extra widening				
$CH-0.0M - 15.0 \times \frac{11.0 + 5.50 + 4.0}{3} \times 0.20 = 8.44 M^3$					
$CH-907M - 10 \times \frac{9.00 + 5.70 + 4.10}{3} \times 0.20 = 1.06 M^3$					
Extra length - $5 \times 4.05 \times 0.20 =$				$9.50 M^3$ $4.05 M^3$ $13.55 M^3$	
2.	P.V. laying spreading & Compacting WBM gr-III with all comp. Extra widening.				
$CH-0.0M - 15.0 \times \frac{11.0 + 5.50 + 3.75}{3} \times 0.075 = 4.50 M^3$					
$CH-907M - 10.0 \times \frac{3.75 + 5.70 + 3.75}{3} \times 0.075 = 0.487$					
Extra length $5.0 \times 3.75 \times 0.075 =$				$1.40 M^3$ $5.268 M^3$	
3.	P.V. and applying Primer coat with Bitumen Emulsion (SS-1) with all comp.				

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>ABSTRACT of COST</u>				
(1/1)	P/v. and fixing of working benchmark pillars all comp.				
	vide TMB P.No- (19)				
	Station (1) 1.040 km				
	Rs 3940.59/km $\rightarrow$				4098200
(2/2)	P/v. and fixing of working benchmark pillars all comp.				
	vide TMB P.No- (19)				
	Station (11) 1.040 km				
	Rs 1811-12/km $\rightarrow$				1884200
(3/3)	Clearing & Grabbing road land with all comp.				
	vide TMB P.No- (19)				
	Station (2) 0.23 Hg.				
	Rs 49496.70/Hg $\rightarrow$				11384200
(4/4)	Dismantling of existing structures all comp.				
	vide TMB P.No- (19)				
	Station (8) 7.43 M ³				
	Rs 228-72/M ³ $\rightarrow$				1699200
					<u>Rs- 19065200</u>

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. Rs-19,065=00	
(5/5)	Discontinuing of existing structures all comp.				
	vide TMB p.No-119)				
	gross (4) 3.65m ³				
	at 473-83/m ³ — 8				1729=00
(6/6)	Const. of Embankment with all comp.				
	vide TMB p.No-(32)				
	gross (ii) 46.84 m ³				
	at 175.32/m ³ — 8				8212=00
(7/7)	Const of embankment with 100m land all comp.				
	vide TMB p.No.(32) gross (i)				
	446.25m ³ at 141-39/m ³ — 8				63095=00
(8/8)	Const. of subgrade and earthen shoulder with all comp.				
	vide TMB p.No-(31)				
	gross 16(i) 2648.175 m ³				
	at 176-96/m ³ — 8				468621=00
(9/9)	const of subgrade and earthen shoulder with all comp.				
	vide TMB p.No- (31)				
	gross 16(ii) 46.05 m ³				
	at 176-96/m ³ — 8				8149=00
Continuation					Rs-56,88,71=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.f. Rs-5,	68,87/-00
(10/10) Const. of granular sub-					
(10/10) base by p/v. well					
graded mat. all comp.					
801.10 M ³ vide TMB P.No. (9) 9 km (4)					
13.55 M ³ vide TMB P.No. (27) 9 km (1)					
810.45 M ³ Limit Qty- 810.45 M ³					
Rs 2146-83/m ³					Rs 1739898-00
(11/11) p/v. laying spreading					
and compacting WBM					
gr. III with all comp.					
293.83 M ³ vide TMB P.No. (17) 9 km (1)					
576 M ³ vide TMB P.No. (27) 9 km (2)					
299.098 M ³ Limit Qty- 298.35 M ³					
Rs 4833-81/m ³					Rs 14,42,167-00
(12/12) p/v. and applying primer					
coat with all comp.					
vide TMB P.No. (27)					
9 km (3) 3557.25 M ²					
Rs 42.92/m ²					Rs 152677-00
(13/13) p/v. and applying tack					
coat with all comp.					
vide TMB P.No. (28)					
9 km (4) 3557.25 M ²					
Rs 14.53/m ²					Rs 51687-00
					Rs. 39,55,300-00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F.Rs-39,55,300.00
(14/14)					
					P.V. laying and rolling
					of close graded porous
					surfacing 20mm thickness
					with all comp.
					vide TMB P.No - (28)
					9km (5) 3557.25 m ²
					@ Rs 221.04/m ² —→ 786295.00
(15/17)					
					Const. of 400-reinforced
					plain cement concrete
					pavement (M30) all comp.
					66.0 M ³ vide TMB P. No - (24) 9.4 km
					1.29 M ³ vide TMB P. No (29) 9 km (6)
					67.29 M ³ @ Rs 7321.48/M ³ —→ 4,92,662.00
(16/18)					
					Laying bricks soling
					layer on prepared sub-
					grade with bricks on
					end edging according
					with all comp.
					vide TMB P. No - (29)
					9km (7) 55.0 M ²
					@ Rs 503.51/M ² —→ 27693.00
(17/19)					
					Rec (Mis) in kilometre
					stone with all comp.
					vide TMB P. No - (29)
					9km 900 2 Nos.
					@ Rs 2328.23/No —→ 4656.00

Continuation

Rs-52,66,606.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. Rs-52,66,606=00
(18/20)	R.C. (M15) in 200M stone with all comp.				
(19/21)	vide TMB P.No - (29) 7th 9(ii) 4 Nos.				
	CS 624.87/No — 2499200				
(19/21)	P.V. and fixing of Retro reflective cautionary Mandatory Sign Board with all comp. vide TMB P.No - (29) 9/1000 (10)				
(i)	900mm Equilateral & triangle — 4 Nos.				
	CS 5470.46/No — 21882=00				
(ii)	900mm Equilateral & triangle 2 Nos CS 4972.63/No — 9945=00				
(iii)	800 x 300mm rectangular 2 Nos. CS 4541.98/No — 9084=00				
(iv/24)	900mm Side octagon - 4 Nos. CS 8868.50/No — 35474=00				
(20/25)	P.V. and laying of hot applied thermoplastic Compound 25mm thick including reflectorising glass beads all comp.				
	211.7502 vide TMB P.No - (30) 9/1000 (11) CS 735.40/m ² — 155721=00				
	Rs, 55, 01, 211=00				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs. 5501211=00
(21/26)	Planting of trees by the road side all comp.				
	vide TMB P. No- (30)				
	94000 (12) 186. w NBS.				
	Rs 800.30/No —				148856=00
(22/27)	P.V. and laying of R.C. Pipe duct 300mm ϕ across the road with all comp.				
	vide TMB P. No- (24)				
	94000 (25) 30.0M				
	Rs 849-54/M —				25486=00
(23/28)	Direction & place Boring with all comp.				
	vide TMB P. No- (30)				
	94000 (13) 1 No				
	Rs 3183.01/No —				3183=00
(24/29)	P.V. and fixing of masonry Information Board with all comp.				
	2 Nos. vide TMB P. No- 30 (25) 94000 (26)				
	3 Nos. vide TMB P. No- (30) 94000 (14)				
	5 Nos. Rs 9315.03/No —				46575=00
(25/30+35)	E/W in excavation in form with all comp.				
					Rs. 5725,311=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. R.S-5725311=00
					vide TMB P.No- (21)
					9400 (9) 140.73 M ³
					QS 260.59/M ³ — 36673=0
26/31+36)					P.V. MTS PCC (1:2.5:5) on
					levelling course in found ⁿ
					with all comp.
					vide TMB P.No- (21)
					9400 (10) 11.13 M ³
					QS 5841.53/M ³ — 65039=00
27/32+37)					P.V. PCC M20 (1:2:4) in
					found ⁿ with all comp.
					63.905 M ³ vide TMB P.No (21) 9400 (11)
					2.95 M ³ vide TMB P.No- (29) 9400 (8)
					66.855 M ³
					QS 6580.48/M ³ — 439938=00
(28/33)					P.V. and laying RCC pipe
					NB for culverts with all
					comp. vide TMB P.No-22
					9400 (12) 7.50 M.
					QS 4079.39/M — 30745=00
(29/34)					Painting two coats on
					new concrete surfaces
					with all comp.
					vide TMB P.No- (30)
					9400 (15) 116.240 M ²
					QS 95.63/M ² — 11116=00
					15.63,08822=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs. P.B. 63,08,822:00
(30/38)	Plain/reinforced concrete in substructure complete.				
	vide TMB P.No. (22)				
	9702 (13) 27.722 M ³				
	Rs 6791-81/M ³ →				188282200
(31/39)	P.V. Weepholes with all comp.				
	vide TMB P.No. (22)				
	9702 (15) 30 Nos.				
	Rs 110.26/No →				3528:00
(32/40)	supplying fitting and				
	placing HYSD bgr reinforce				
	ment in substr. with all comp.				
	0.986 Mt. vide TMB P.No. (22) 9702 (14)				
	Rs 53283-19/Mt →				52551200
(33/41)	Back filling with all comp.				
	vide TMB P.No. (22)				
	9702 (16) 25.14 M ³				
	Rs 690-24/M ³ →				17353:00
(34/42)	P.V. and laying filter				
	Material all comp.				
	vide TMB P.No. (23)				
	9702 (17) 17.85 M ³				
	Rs 4533-22/M ³ →				80916:00
					Rs. 66,51,452:00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. Rs - 66,51,452:00
(35/43)	Coping. Plain/Reinforced				
	Cement concrete (M40) in				
	Substr. Comp.				
	vide TMB P. No - (23)				
	Qty (18) 0.75 M ³				11723:00
	@ 6791-81/M ³ — 8				5094:00
(36/44)	P.V. and laying reinforced				
	Cement concrete in Super-				
	structure Comp.				
	vide TMB P. No - (23)				
	Qty (19) 4.395 M ³				
	@ 7846-92/M ³ — 8				364487:00
(37/45)	S/F/P HYSD bar reinforcement				
	In superstructure all comp.				
	vide TMB P. No. (23)				
	Qty (20) 0.37 MT				
	@ 54351.17/MT — 1				201002:00
(38/46)	Const. of Rec. railing of				
	M25 in cast in situ all comp.				
	vide TMB P. No - (24)				
	Qty (21) 5.0 M				
	@ 7229.88/M — 1				36149:00
(39/47)	Drainage slopings all				
	Comp. vide TMB P. No. 24				
	Qty (22) 4.407 @ 513.38/No — 8				2054:00
					Rs. 67,49336:00

Continuation

Continuation