MM625Y(SC) Telbigha to TO 4

Shedule XLV Form No. 134.

E.E R.W.D. (W) DIVISION GAYA

A.E. R.W.D. (W) SUB-DIVISION TANAKUPPA

Measurement Book

3160

Smt. Sukanti Devi

1st on A/c Bill

1

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 No.	L.	B.	D.	Contents of area
Name of Work - Construction of Road from Telbigha to T04 under MMGSY/SC					
Name of Agency - SMT. Sukanti Devi, At-Vill-Vilandpur Powa, Patelpur.					
Agreement No. - 141/MMGSY/SC/SBD/2020-21					
Date of Commencement - 21.09.21					
Date of Completion - 20.06.22					
~~Day~~					
Date of measurement - 8.01.22					
1) E/W in excavation for found. of structure - - - ctd (1X2.00m Span R.C.C Culvert)					
Abut - 2X 7.60m X 2.30m X 1.60m = 55.94 m^3					
R/wall - 4X 1.60m X 2.10m X 1.60m = 21.50 m^3					77.44 m^3
2) PW P.C.C M15 in open found - - ctd (1X2.00m Span R.C.C Culvert)					
Abut - 2X 7.60m X 2.30m X 0.20m = 6.99 m^3					

Continuation

2nd and Final Bill

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Name of Work:- Construction of Road from Telbagha to TO4 Under MMGSY(SC)					
Agency:- Smti Sukanti Devi At Vill- Bilandpur, Powa Fatehpur					
Agreement No - 141/MMGSY/SC/ SBD/2020-202					
Date of Commencement 21.09.2021					
Date of Completion 20.08.2022					
Up to Date of Measurement					
(1) Const of Subgrade & Shoulder					
	1	11.0	7.90	0.30	= 26.07 m³
(2) Construction of Granular Sub base by well Graded material for I/d					
	1	10.0	$\frac{8.80+4.05}{2}$	0.200	= 12.85 m³
	13	1	30.0	4.05	0.200 = 315.90 m³
	1	15.0	4.05	0.200	= 12.15 m³
	1	30.0	$\frac{4.05+15.90+4.05}{3}$		0.200 = 28.02 m³
	6	1	30.0	4.05	0.200 = 145.0 m³
	1	27.0	$\frac{4.05+4.05}{2}$		0.200 = 22.27 m³
					Total = 536.19 m³

Continuation Limit 530.09 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	(2) Providing, Laying, Spreading and Compacting stone metal G2+3 WBM Gr III -do-				
[illegible]	$1 \times 10.0 \times \frac{8.60+3.75}{2} \times 0.075$				= 4.63 m³
	$13 \times 1 \times 30.0 \times 3.75 \times 0.075$				= 109.69 m³
	$1 \times 15.0 \times 3.75 \times 0.075$				= 4.22 m³
	$1 \times 30.0 \times \frac{3.75+5.80+3.75}{3} \times 0.075$				= 9.97 m³
	$6 \times 1 \times 30.0 \times 3.75 \times 0.075$				= 50.62 m³
	$1 \times 27.0 \times \frac{3.75+4.10}{2} \times 0.075$				= 7.99 m³
				Total =	187.12 m³
		limit = 184.060 m³			
	(4) Providing and applying primer coat SS2 -do-				
	$1 \times 10.0 \times \frac{8.60+3.75}{2}$				= 61.75 m²
	$13 \times 1 \times 30.0 \times 3.75$				= 1462.50 m²
	$1 \times 15.0 \times 3.75$				= 56.25 m²
[illegible]	$1 \times 30.0 \times \frac{3.75+5.80+3.75}{3}$				= 132.90 m²
AE	$6 \times 1 \times 30.0 \times 3.75$				= 675.0 m²
	$1 \times 27.0 \times \frac{3.75+4.10}{2}$				= 105.97 m²
				Total =	2494.37 m²

limit = 2454.12 m²

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(ii)	600mm x 450mm Rectangular				
	1	x 2.0 Nos			2.0 Nos
(16)	Road marking with hot applied Thermoplastic Coating in BT Surface				
	2	x 1 x 10.0 x 30.0 x 0.10			= 60.0 m2
	2	x 1 x 10 x 30.0 x 0.10			= 60.0 m2
	2	x 1 x 30.0 x 0.10			= 6.0 m2
	2	x 1 x 15.0 x 0.10			= 3.0 m2
			Total = ~~129.0 m2~~		129.0 m2
			Limit = 128.32 m2		
(17)	Plr Rcc M20 in Sub Structure				
Return Coping:					
	4	x 2.30 x 0.40 x 0.15			= 0.368 m3
Kerb —	2	x 2.80 x 0.55			= 3.080 m3
			Total =		3.448 m3

12/7/23 JE 15/7/23 AE

Certificate: Work has been completed as per specification & direction of EIC & as per site condition.

12/7/23 JE 15/7/23 AE

ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①/1	Construction of Reference & making Bench mark -do-				
0.645 Km Qty TMB Page (11)/8(i)					
@ ₹ 3673.74/KM					₹ 2370=00
②/2	Construction of Reference Piller & Burjee -do-				
0.645 Km Qty TMB Page (11)/8(ii)					
@ ₹ 1663.70/km					₹ 1073=00
③/3	Clearing and Grubbing road land - do-do				
0.45 Hec Qty TMB Page No (11)/9					
@ ₹ 52998.20/Hec					₹ 23849=00
④/5	Construction of embankment lead 1000m -do-				
540.81 m³ Qty TMB P (8)/(19)/8(4)					
@ ₹ 192.03/m³					₹ 103852=00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤/6	Construction of embankment load 100m -do-				
1258.04 m³	8ly TMB Page No - (14)/8(b)				
	@ ₹154.58/m³				₹194468=00
⑥/7	Construction of Sub grade & E/shoulder -do- -do-				
1991.92 m³	8ly TMB Page no - (18)/7				
	@ ₹176.64/m³				₹351853=00
⑦/8	Construction of Granular Sub base by well graded material Gr I -do- -do-				
530.090 m³	8ly TMB Page (15)/2				
	@ ₹1685.36/m³				₹893392=00
⑧/9	P/v Laying spreading & compacting WBM Gr III -do-				
184.06 m³	8ly TMB P (16)/3				
	@ ₹2211.35/m³				₹407022=00

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
63.65 m3	Qty MB Page No-(10)/5				
	@ ₹ 24807.03/m3				₹ 305967=00
(25)/27	P/V RCC M20 in Sub structure do				
2.830 m3	Qty MB (12)/11				
3.448 m	" " (21)/17				
6.278 m3					
Limit - 4.46 m3					
	@ ₹ 5070.51/m3				₹ 22614=00
(26)/28	P/V RCC M25 in Super Structure. -do- do-				
3.74 m3	Qty MB Page No-(12)/13				
	@ ₹ 5819.34/m3				₹ 21764=00
(27)/29	Supplying Fitting & Placing HYSD bars in super stru.				
0.659 MT	Qty MB Page No-(10)/7				
	@ ₹ 57462.16/MT				₹ 37867=00

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(28)/30	Back filling behind Abutment.				
32.40 m3	Qty MB page no-(12)/15				
	@ ₹ 804.98/m3				₹ 26081=00
(29)/31	P/L & laying of RCC pipe drops -do- 1000 mm ϕ				
150 m	Qty MB page-(10)/4				
	@ ₹ 3686.49/m				₹ 55297=00
(30)/31	P/L weep holes -do- do-				
36.0 nos	Qty MB page no-(12)/14				
	@ ₹ 117.68/nos				₹ 4236=00
(31)/36	Filling in foundation Trenches -do-				
19.38 m3	Qty MB page no-(10)/6				
	@ ₹ 522.31/m3				₹ 10122=00
					₹ 3756366=00
Add GST @ 12%				(+)	₹ 450764=
				C.O	₹ 4207130=

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F		4207130=00
Add L-C	@ 1/-	—	⊕		₹ 37564=00
Add S.F	—	—	⊕		₹ 75500=00
					₹ 4320194=00
Less 5.05% below			⊖		₹ 218170=00
as per Agt.			Net		₹ 4102024=00
Less Previous bill pay			⊖		₹ 1447446=00
					₹ 2654578=00

Cal

25/09/23 — 24/09/23 — 26/07/23