

1st R/W Bill

Executive Engineer
RWD (W) Division
Bagaha-1

Name to 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 scheme— Construction of road from Barharwa to Gailita under MMGS (SC)					
Name of Agency — M/s Maa Vatsnavi Construction,					
Vill— Laipra Kash Nagar, T.T. Bethiah West Champaran					
Agg no. — 07 SBI/2020-21					
Date of work order — 20.6.2020					
Time of Completion — 19.6.2021					

① Item (23)	plva fixing of typical MMGS informatory board with logo as per specification				
	02 nos —				02 nos
② 14-①	Construction of reference & working bench mark as per specification				
	1.54 Km —				1.54 Km.
③ 14-②	Const of reference pillar/bush as per specification				
	1.54 Km —				1.54 Km

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10. Clearing & grubbing of land including uprooting wild vegetation etc.					
	2x	(27x100m)	x	1.00m	= 400 m ²
	2x	(1x100)	x	1.20m	= 240 m ²
	2x	(87x100m)	x	(1.50+1.50) 2	= 9400 m ²
	2x	(1x100m)	x	(1.20+1.30) 2	= 250 m ²
	2x	(37x100)	x	(2.00+1.80) 2	= 1140.00 m ²
	2x	(1x40m)	x	(2.25+2.00) 2	= 170.00
					4600 m ²
					20.46 Hect

Construction of Rice Bay.					
Culvert line (1x2.00x2.00m)					
5. Work in excavation for					
for 3.0m of structure up to					
3.0m as per drawing					
Per 0.02m					
Per 0.02m	2x	(6.00+8.00) 2	x	(2.50+4.50) 2	
			x	1.10m	= 46.20 m ³
of 1.50m	2x	(2.50x0.60x2.00-1.10)			= 5.40 m ³
Return	2x	(4x1.80x0.45x1.60)			= 10.36 m ³
					56.96 m ³
6. Sand filling in 1.0m of culvert					
Per 1.0m	2x	(1x6.00x2.50x1.10)			= 3.30
Return	2x	(4x1.80x0.30x0.15)			= 0.64
					3.64 m ³

Continuation

20.46 Hect

Abstract of E/11

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Sch. XLV—Form No. 134

Sch. XLV - Form No. 124		Details of actual measurements				Contents of area
Particulars	No.	L.	B.	D.		
① Const of reference & working bench mark as per specification & as per vide TMS p.n. (01)	14(1)	1.54 Km @ 12,198.59	12,198.59	18,786.2		
② Const of separation bill Bhuvsi as per vide TMS p.n. (01)	14(2)	1.54 Km @ 13,912.88	13,912.88	22,142.6		
③ clearing & grubbing roof land including up into	14(3)	0.46 Hect @ 51,133.78	51,133.78	23,522.2		
④ Const of embankment with aff. material obtained with test up to lower	14(4)	457.32 m ³ @ 174,841.21	174,841.21	80,042.0		
⑤ Const of Subgrade & earthen shoulders with aff. matn as per vide TMS p.n. (14) — 3034.89 m ³	14(5)	685.20 m ³	3720.09 m ³ @ 176.58	656,893.2		
				800,631.20		

Continuation

Sch. XLV - Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Const. of embankment					8,00,631.20
① 1/4 (6) app. material obtained for borrow pits					
Qty. vide TMS p. n. (09)					
		$1067.10 \text{ m}^3 @ 58.50 \text{ m}^2$			$= 62,639.20$
② Excavation for road					
1/4 (7) way in by using machine					
Qty. vide TMS p. n. (14)					
		$2625 \text{ m}^3 @ 74.16 \text{ m}^2$			$= 1947.00$
③ Const. of granules					
1/4 (9) surface with G.S. material					
Qty. vide TMS p. n. (15)					
		$1051.80 \text{ m}^3 @ 3960.61 \text{ m}^2$			$= 241,657.70$
④ 1/4 (23) p.v. & drain & typhoid many reformulations					
board with logs					
Qty. vide TMS p. n. (01)					
		$02 \text{ nos} @ 11,827.20 \text{ each}$			$= 23,654.40$
⑤ Earth work in excavation of structure					
Qty. vide TMS p. n. (02)					
		61.96 m^3			
p. n. (09)		31.92 m^3			
		$93.88 \text{ m}^3 @ 269.32 \text{ m}^2$			$= 25,284.20$

Continuation

 Total = 50,79,925.80
 (100)

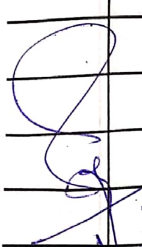
Sch. XLV - Form No. 134		Details of actual measurement			Contents of area
Particulars	No.	L.	B.	D.	
(11) 14(32)	Sand filling in fdn		Bpp		50,79,92
	Ch. vol. Tms				
Pn. (62)	3.64 m ³				
Pn. (63)	1.81 m ³				
	5.45 m ³ @ 400.59/m ³ = 2183.				
(12) 14(31)	plv D.C. in M15 M				
	Ch. vol. Tms				
Pn. (6)	3.28 m ³				
Pn. (63)	6.58 m ³				
	9.86 m ³ @ 7207.49/m ³ = 71065.20				
(13) 14(35)	plv R.C.C. in M25				
	Concrete in box Cech				
	Complete do				
	Ch. vol. Tms				
Pn. (5)	33.00 m ³				
Pn. (6)	8.97 m ³				
Pn. (11)	16.32 m ³				
Pn. (12)	4.48 m ³				
	62.77 m ³ @ 8838.09/m ³ = 5,54,767.20				
(14) 14(40)	Back fill behind A/S				
	Ch. vol. Tms Pn.				
Pn. (02)	28.80 m ³				
Pn. (13)	14.40 m ³				
	43.20 m ³ @ 3832.54/m ³ = 1,65,567.20				
Continuation					58,73,507.20

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Sch. XIV - Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
			R/R	58,13.50
(13) p/v wood hole (m)				
14 (41) Concrete masonry				
q/s vide m/s				
p.m. (6) - 36 m				
p.m. (13) - 20 m				
				56 m @ 83.11 / cal = 4654.20
(16) Luff, fitting & placing				
14 (42) Hyd bar reinforcement				
q/s vide m/s				
p.m. (64) - 2218.91 kg				
p.m. (66) - 745.38 kg				
p.m. (10) - 1099.02 kg				

p.m. (12) - 372.45 kg			
4435.76 kg			
2 4.435 MP @ 46.50344 m = 206,270.20			
			P.A. = 60,84,431.20
Add G.S.T (12%) = (+)			7,30,132.20
Add Cen 04% = (+)			60,84,400
			68,75,407.20
Deduct (Below 0.03%) = (-)			2063.20
			Net Bill Amt = 68,73,344.00


 19/02/2021
 Le. By 2
 24/2/2020
 EE

Continuation