MMGSY (SC)

1431

Schedule XLV-Form No. 134

N/W - Ghorasahan Jhajhara Path to Bhagwanpur kotwa 4of Ghorasahan Purwari tola Ward No-02

R.W.D (W) Divi - Dhaka **DIVISION**

Ghorasahan **SUB- DIVISION**

S.R.J.D Construction

MEASUREMENT BOOK

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प्रमाणित किया जाता है कि सत्यापी।

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
	1st on A/c Bill				
Name of Work :-	Ghorasahan Jhajhara Path to Bhagwanpur Kowa via Ghora-Sahan Purwari tola Ward No-02				
Under-	MMGSY (SC)				
Block -	Ghorasahan		length -		0.755 km
Agency :-	S.R.J.D Construction At- Adarsha Gram Road No-01 PO- Kowa, Paigambarpur P.S.- Ahiyapur Dist :- Muzaffarpur				
Agreement No- 10SBD/2020-21					
Date of Work order - 07-08-2020					
Date of Completion - 06-05-2021					
Constr. Cost :- Rs. 5131720.00					
Date of measurment :-					
1.	Pr and fixing of MMGSY typical informatory with sign board				2 No
2.	Pr and fixing of MMGSY typical citizen board				1 No

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
3.	Constn. of Reference work				
	-ing benchmark				0.755 km
4.	Constn. of Reference pillar/				
	Burjee				0.755 km
5.	Clearing and Grubbing				
	road land				
2x	11no.x	30m x	1.50	=	990.00 m²
2x	1no. x	16m x	1.50		48.00 m²
2x	8no x	30m x	1.50	=	720.00 m²
2x	5no x	30m x	1.50	=	450.00 m²
2x	1no x	19m x	1.50	=	57.00 m²
				T-	2265 m²
				or.	0.2264 Hect.
Dat :-					
1.	Constn. of embankment				
	with approved material				
	obtained from borrow pits.				
	Earth work qty sheet-				

Sl.No	CH	Area	Mean Area	Dist.	Volume (m³)
1	0	0	-	-	-
2.	50	0.393	0.197	50	9.825
3.	100	0.499	0.446	50	22.300
4	150	0.815	0.657	50	32.850

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
5	200	0.576	0.696	50	34.776
6.	250	1.915	1.246	50	62.275
7.	300	0.369	1.142	50	52.100
8	350	0.616	0.493	50	24.625
9.	400	0.415	0.516	50	25.775
10	450	0.593	0.504	50	25.200
11.	500	2.586	1.590	50	79.475
12.	550	1.072	1.829	50	91.450
13.	600	0.148	0.610	50	30.500
14.	650	0.982	0.565	50	28.250
15.	700	0.498	0.740	50	37.000
16	750	1.141	0.820	50	40.975
17	755	0.310	0.756	5	3.778
				T=	606.153 m^3
(ii)	for 1000m lead			—	
	606.153 m^3 × 30%			=	181.845 m^3
(iii)	for 100 m lead			—	
	606.153 m^3 × 70%			=	424.308 m^3
2.	Const. of subgrade should be with approved material for BT Road portion			—	
	1no × 30m ×		$\frac{3m+5.15}{2}$ × 0.50		98.625 m^3
	6no × 30m ×	5.15	× 0.50		463.50 m^3
	1no × 30m ×	$\frac{5.15+6.50+5.15}{3}$	× 0.50		84.00 m^3

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	1n. x	30m x	(5.05+6.50+5.05)/3	x0.50	= 84.00 m³
	1n. x	26m x	5.05 x	0.50 =	66.75 m³
	1n. x	30 m x	5.05 x	0.50 =	77.25 m³
	1n. x	20m x	(5.05+6.50)/2	x0.50 =	58.25 m³
	1n. x	30m x	(6.50+5.05)/2	x0.40 =	69.30 m³
	5n. x	30m x	5.05 x	0.60	454.50 m³
	4n. x	30m x	6.50 x	0.60	468.00 m³
	1no x	30m x	(6.50+4.00)/2	x0.50	78.75 m³
	1n. x	30m x	(4.00+3.00)/2	x0.40	42.00 m³
	1no x	30m x	(3.00+3.90)/2	x0.30	31.05 m³
	1n. x	15m x	(3.90+3.10)/2	x0.30 =	15.75 m³
				T-	2091.925 m³
	15/9/2020 JE		15/09/2020 AE		
	Date :-				
1.	Constn. of Granular sub base by plv well graded material Gr. I — Ell				
	1no x	30m x	(8m+4.05)/2	x0.200	36.15 m³
	6no x	30m x	4.05 x	0.200	145.80 m³
	1no x	30m x	(4.05+5.00+4.05)/3	x0.200 =	26.19 m³
	1no x	30m x	(4.05+5.00+4.05)/2	x0.200 =	26.19 m³
	1no x	26 m x	4.05	x0.200 =	21.06 m³
	1no x	30 m x	4.05	x0.200	24.30 m³
	1no x	20m x	(4.05+6.50)/2	x0.200	20.10 m³
	1no x	30m x	(6.50+4.05)/2	x0.200	30.15 m³

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	9no x	30m x	4.05 x	0.200	218.70 m^3
	1no x	30m x	$\frac{4.05+4.10}{2}$	x0.200	24.15 m^3
	1no x	30m x	$\frac{4.3.10}{2}$	x0.200	21.00 m^3
	1no x	30m x	$\frac{3.00+3.10}{2}$	x0.200	18.30 m^3
	1no x	15m x	3.10 x	0.200	9.30 m^3
				T=	621.39 m^3
				Limit=	610.74 m^3

12/10/2020

12/10/2020

ABSTRACT OF COST

~~7/23~~ ~~Const. of~~

1/23 P/r and fixing of HMGSY Typical informatory with sign board wide TMB-P1

2no @ Rs. 11574=76 /each Rs. 23150.00

2/24 P/r and fixing of HMGSY typical citizen board wide TMB-P1

1no @ Rs. 11574=76 /each Rs. 11575.00

3/1(i) Const. of Reference & Working benchmark wide TMB-P2

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
0.755 Km	@ Rs	10889 = 28	/Km.	-Rs.	8221=00
4/1(iii)	Consts of Reference pillars				
	Burjee				
0.755 Km	vide THB - P2				
	@ Rs.	11365=07	/Km	-Rs	8732=00
5/3	Clearing and Grubbing				
	Road Land				
0.226 Hect.	vide THB - P2				
	@ Rs	51133=76	/Hect.	- Rs	11556=00
6(i)/4	Consts of embankment				
	with approved material				
	obtained from borrow				
	pits lead upto 1000 m -				
181.845 m^3	vide THB P3				
	@ Rs.	202=52	/m^3	- Rs.	36827=00
6(iii)/6	Consts of embankment				
	with approved material				
	obtained from borrow				
	pits lead upto 100 m -				
424.308 m^3	vide THB P3				
	@ Rs.	167=41	/m^2	- Rs.	71033=00
7/5	Consts of subgrade Sh-oulder with approved				
	material of BT Road por-				
	-tion as per				
2091.925 m^3	vide THB P. 4				
	@ Rs.	204=16	/m^3	- Rs.	427087=00

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
8/9	Constn. of G.S.B by p/v				
	well graded material				
	for Gr. I ——— 211				
610.74 m³	vide TMB - P5				
	@ Rs. 3123.03 / m³ — Rs.				19,07,359.00
				T. Rs.	2505548.00
Add 12% GST				Rs.	300665.00
Add 1% labour cess				Rs.	25055.00
Add Seigniorage fee				Rs.	32572.00
				T. Rs.	2863832.00
Less 5% below as per Agreement — Rs.					143192.00
				Rs.	2720640.00
(signed) 12/10/2020 JE		(signed) 12/10/2020 AE			

	Material statement				
	Soil :— 2698.078 m³				
	Stone Aggregate :— 513.021 m³				
	Crushed Sand :— 207.851 m³				
(signed) 12/10/2020 JE					

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