MMGSY Soil to Gurgaon to Pachubigha

~~GEN~~ SC

Schedule XLV-Form No. 134

Ag. No- 48SBD/19-20

Sherghati DIVISION

Mohanpur SUB-DIVISION

Agency :- Guddi Kumari

Measurement Book

MBno - 1132

Sherghati DIVISION

Mohanpur SUB-DIVISION

Measurement Book

No. 1132

Dt. of Work Start:- 18.10.19

Dt. Of Work Comp:- 17.10.20

Ag. Value :- 70.80346 Lakh

Below → (10%)

Name of officer _____

_____

Date of first entry _____

Date of last entry _____

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	3rd and final Bill				
Name of Work:- Construction of Road from SO12 to Gurgaon Pach Bigha.					
Head:- MMGSY (SC)					
Name of contractor:- Guddi Kumari					
Agreement No:- 48/SBD/2019-20					
Agreement value (Below-10%)					
Date of work Start:- 18.10.2019					
Date of completion:- 17.10.2020					
Date of Measurement:- 27.11.2020					
	—Items—				
1(i) Const. of reference and working bench marks.					
	1×25.00 = 25.00m				
	1×13.00 = 13.00m.				
			38.00m		
	= 0.038 km				
1(ii) Const. of reference Pillars/ Burjees.					
	1×25.00 = 25.00m.				
	1×13.00 = 13.00m.				
			38.00m.		
	= 0.038 Km.				
	P.T.O.				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
2. Clearing and Grubbing of road land.					
	1	25.00	7.00	= 175.00 m²	
	1	13.00	7.00	= 91.00 m²	
				266.00 m²	
	= 0.02 Hect.				
3. Const. of embankment with lead upto 1000 m.					
	1	9.00	$\frac{8.50+9.15}{2}$ × 0.15	= 11.88 m³	
4. Const. of embankment with lead upto 1000 m.					
	1	24.00	$\frac{8.50+9.00}{2}$ × 0.195	= 26.25 m³	
5. Const. of sub-grade & earthen Shoulders.					
Rd.	1	30.00	$\frac{8.50+7.30}{2}$ × 0.30	= 71.10 m³	
	1	3.00	$\frac{8.50+7.30}{2}$ × 0.30	= 7.11 m³	
Shoulders -	2	42	30.00	× 1.20 × 0.075 = 226.80 m³	
	2	1	3.00	× 1.20 × 0.075 = 0.54 m³	
	2	42	30.00	× 1.33 × 0.20 = 670.32 m³	
	2	1	3.00	× 1.33 × 0.20 = 1.60 m³	
				977.47 m³	
6. Construction of Granular sub-base.					

Continuation P.T.O.

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Rd.	16	30.00	4.85	0.20	388.80 m³
	1	3.00	4.05	0.20	2.43 m³
W/R	−1	10.00	0.50 + 4.15 / 2	0.20	4.15 m³
					395.38 m³

7. Providing W.B.M. Grading III

Rd.	14	30.00	3.75	0.075	118.125 m³
	14	30.00	3.75	0.075	118.125 m³
	14	30.00	3.75	0.075	118.125 m³
	1	3.00	3.75	0.075	0.844 m³
W/R	−1	10.00	0.50 + 4.15 / 2	0.075	1.556 m³
					356.775 m³

8. Providing & applying primer coat with SS-1.

Rd.	14	30.00	3.75		1575.00 m²
	14	30.00	3.75		1575.00 m²
	14	30.00	3.75		1575.00 m²
	1	3.00	3.75		11.25 m²
W/R	−1	10.00	0.50 + 4.15 / 2		20.75 m²
					4757.00 m²

9. Providing & laying tack coat

Qty. same as item

NOS = 4757.00 m²

10. Providing, laying & rolling

20 mm thick M.S.S.

Qty. same as item.

NOS = 4757.00 m²

Continuation
P.T.O.

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
11.(i) Providing & fixing ordinary Kilometer stone. 1×3=3Nos					
(ii) Providing & fixing 25mm. Stone 1×5=5Nos.					
12 Providing & fixing MMGSY. information signboard. Logo Board-1 citizen Board-1 Maintenance Board-1				3Nos	
13- Painting two coat on new concrete surface. 4×6.20×1.80=44.64m²					
14. Printing new letters & figures of any shade. 4×104=416.00Nos.					
15. Providing & fixing traffic signs. (i) 600mm. circular 1×6=6Nos.					
(ii) 600mm. equilateral triangle. 1×8=8Nos.					
(iii) 600mm×450mm. rectangular 1×6=6Nos. ~~1×8=8Nos~~					
(iv) 900mm ~~Side~~ Octagon. 1×2=2Nos.					

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
16 Providing & laying of Hot applied Thermo-conducting in road marking.					
	2	256.00	0.10		25.28m²
17. Providing & laying 300mm dia Turne Pipe.					
	8	2.50m			= 20.00m.

The work has been completed as per specification & Measurement

Asy
27/11/20
J.E.

Asst
22-8-21

Material statement.

1. Sand - 1015.60m³
2. Stone Aggregate - 914.564m³
3. Fine Sand - 151.561m³
4. Stone screening - 85.626m³
5. Emulsion SS-1 - 4.035M.T.
6. Emulsion RS-1 - 1.382M.T.
7. Bitumen S-90 - 9.0383 M.T.

Asy
27/11/20
J.E.

Asst
22-8-21
A.E.

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Bitumen & emulsion Package by cont.					
1. Emulsion by Asphalt Refineries Product LLP					
Invoice No:- AS0001337/2020-21					
dated - 13/11/2020 - SS-1 - 5050.00 kg					
			RS-1 - 11400.00 kg.		
2. Bitumen by Indian Oil corporation limited (I.O.C Ltd)					
Delivery No:- 0617313154 dt. 13.11.2020					
Qty. - 9.860 M.T.					
Ajy 27/11/2020					

Abstract of cost.

1(i)/1(ii) Const. of reference & working benchmarks.

Qty. vide TMB item.

No 1(i) PN011 = 1.225 Km

Qty. vide PN015 = 0.038 Km

item No 1(i) 1.263 Km

Limit - 1.256 Km

@8493=05/Km - ₹10,667=00

1(ii)/1(ii) Const. of reference Pillars/Burjees.

Qty. vide TMB item.

No 1(ii) PN011 = 1.225 Km.

Item No 1(ii) P15 = 0.038 Km

1.263 Km

Continuation

Limit - 1.256 Km

@6866=31/Km - ₹8624=00

C/O - ₹19291=00

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B/F			1,19,291=00
2/2 Clearing & Grubbing road land.					
Qty. vide THB item					
NO2PNO11		0.86 Hect.			
Item NO2PNO16		0.02 Hect.			
		0.88 Hect.			
@Rs 49739=47/Hect					43771=00
3/3 Const of embankment with lead upto 1 Km					
Qty vide THB item					
NO3PNO11		425.99 m³			
Item NO3PNO16		11.88 m³			
			437.87 m³		
@Rs 194=12/m³					84,999=00
4/4 Const. of embankment with lead upto 1 Km.					
Qty. vide THB item					
NO4PNO11		993.99 m³			
Item NO4PNO16		26.25 m³			
			1020.24 m³		
@Rs 184=74/m³					1,88,475=00
5/5 Const. of sub-grade & earthen Shoulders.					
Qty. vide THB item.					
NO5PNO12		2915.10 m³			
Item NO5PNO16		977.47 m³			
Continuation					3892.57 m³
@Rs 196=00/m³					7,62,944=00
C/O					10,99,484=00

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B/F			৳10,99,484=00
6/6 Const: of granular sub-base.					
	Qty. vide TMB item No 6 PNO 12 = 631.80 m³				
	Item No 6 PNO 17 = 395.38 m³				
				1026.76 m³	
	Limit — @ 22.45 m³				
	CN 2415 = 52/m³ — ৳ 24,69,748				
7/7 Providing W.B.M. Grading III					
	Qty. vide TMB item No 7 PNO 17 = 3567.75 m³				
	CN 3845 = 74/m³ — ৳ 13,72,064=				
8/8 Providing & applying primer coat.					
	Qty. vide TMB item. No 8 PNO 17 = 4757.00 m²				
	CN 55 = 19/m² — ৳ 2,62,539=00				
9/9 Providing & applying tack coat.					
	Qty. vide TMB item. No 9 PNO 17 = 4757.00 m²				
	CN 18 = 73/m² — ৳ 89,099=00				
10/10. Providing, carrying & rolling 20 mm thick H.S.S.					
	Qty. vide TMB item No 10 PNO 17 = 4757.00 m²				
	CN 224 = 72/m² — ৳ 10,68,993=00				
		C/O			৳ 63,61,927=00

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B/F ——			₹63,61,927=00
11/11(i) Providing & fixing ordinary H.M. Steel Qty. vide TMB item No 11(i) P No 18=3 Nos. @ ₹2400=54 each —					₹7202=00
12/11(ii) Providing & fixing 200m. Steel Qty. vide TMB item No 11(ii) P No 18=5 Nos @ ₹663=63 each —					₹3318=00
13/13 Providing two coat painting on new concrete surf. Qty. vide TMB item No 13 P No 18=44.64 m² @ ₹111=17/m² —					₹4963=00
14/14 Printing new letters & figures of any shade. Qty. vide TMB item No 14 P No 18=416.00 Nos @ ₹0=53/cm ht/unit —					₹220=00
15/15 Providing & fixing MMS54 informative board. Qty. vide TMB item No 12 P No 18=3 Nos. @ ₹11673=28 each —					₹35020=00

Continuation ₹64,12,650=00

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B/F			Rs 64,12,650=00
16/16 Providing & fixing the traffic signs: Sty. vide TMB item No 15 Pno 18					
(i) 600mm circular - 6 Nos.					
@ Rs 5509=81 each					Rs 33059=00
(ii) 6 common equilateral triangle - 8 Nos.					
@ Rs 4013=48 each					Rs 32108=00
16 (iii) 600mm x 450mm rectangular - 6 Nos.					
@ Rs 4704=43 each					Rs 28227=00
(iv) 900mm side Octagon - 2 Nos.					
@ Rs 9210=24 each					Rs 18420=00
17/17. Providing & laying hot applied thermoplastic compound. Sty. vide TMB item No 16 Pno 19 = 251.20 m²					
@ Rs 851=00/m²					Rs 2,13,771=00
18/18 Excavation in foundation for str. Sty. vide TMB item No 7 Pno 12 = 67.98 m³					
@ Rs 285=71/m³					Rs 19,165=00
Continuation					C/o Rs 67,57,400=00

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B/F	—		67,57,4
19/19 Providing P.C.C. M10 grade in open trench complete as per direction of Engineer-in-charge. Qty. vide TMB item No 8 P No 12				= 5.292 m³	
@ 5822 = 40/m³					= 30,812
20/20 Providing P.C.C. M15 grade in open trench complete as per direction of Engineer-in-charge. Qty. vide TMB item No 9 P No 12				= 33.21 m³	
@ 5650 = 20/m³					= 1,87,643
21/21 Providing P.C.C. M15 grade in sub-str. Qty. vide TMB item No 10 P No 13				= 26.08 m³	
@ 5860 = 78/m³					= 152,849
22/22 Providing & laying 1600 mm. dia. H.P. Qty. vide TMB item No 11 P No 13				= 15.00 m.	
@ 4812 = 24/m					= 72,184
23/23 Providing & laying 300 mm. dia. Hume pipe. Qty. vide TMB item No 12 P No 13				= 40.00 m.	
Extra No 1 P No 19				= 20.00 m.	

Continuation 60.00 m.

@ 1035 = 65/m — 62139

C/O — 72,63,027

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/P —		৳ 72,63,027=00
24/24 Laying 1st class bedding					
	Qty. vide TMB item				
	No 13 P No 13 = 9.74 m³				
	@ ৳ 628.83/m³ —				৳ 6125=00
25/25 Providing sand filling					
	in foundation				
	Qty. vide TMB item				
	No 14 P No 13 = 15.26 m³				
	@ ৳ 628.83/m³ —				৳ 9596=00
					৳ 72,78,748=00
	Less 10% below as				
	per Agreement				৳ 7,27,875=00
					৳ 65,50,873=00
	Deduct previous				
	Payment —				৳ 26,43,840=00
			TK 39,07,033=00 only		
	Asf 27/11/20 J.E.			Asf 27-11-21 A-16	