

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				Contents of area
	No.	L.	B.	D.	
Name of Work: Construction of					
Road and CD work with Mainte-					
nance for T02 to Sasbahana					
Tender Group No- MR-N/22-23,					
Sheikhpura-05					
Agency: Sanjay Kumar Technostrate					
Private Ltd (SKTPL)					
At-Jodai, Station Road					
P.O. + Dist Sheikhpura					
Agreement No- 19 (MRD)/2022-23					
Agreement Value:					
Constn Cost: Rs. 3492124.50					
5% Maint. Cost: Rs. 1264898.50					
Total Cost = Rs. 4757022.50					
Date of Commencement: 31.12.2022					
Date of Completion: 30.09.2022					
Date of Measurement: 2.2.2023					
to 28.06.2023					
Date of Entry: 28.06.2023					
(1/176) Clearing and Grabbing roadlands					
$2 \times 1001.4 \times 1.50 = 3003.00 \text{ m}^2$					
$3003.00 \div 10000 = 0.30 \text{ hect.}$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2/177) Construction of Subgrade and earthen shoulder					
	19	2	30	1.10	0.30 = 376.20 m ³
	3	2	30	0.75	0.30 = 40.50 m ³
	1	2	30	0.75	0.30 = 4.50 m ³
	10	2	30	1.10	0.30 = 198.00 m ³
	1	2	30	1.10	0.30 = 20.46 m ³
					639.66 m ³
(3/178) Const ⁿ of G.S.B in Pot holes with good quality material					
	1	7	1.60	0.150	= 1.68 m ³
	1	8	1.70	0.150	= 2.04 m ³
	1	7	1.80	0.150	= 1.89 m ³
	1	10	1.60	0.150	= 2.04 m ³
	1	7	1.40	0.150	= 1.47 m ³
	1	9	1.30	0.150	= 1.76 m ³
	1	10	1.50	0.150	= 2.25 m ³
	1	7	1.60	0.150	= 1.68 m ³
	1	8	1.70	0.150	= 2.04 m ³
	1	9	1.80	0.150	= 2.43 m ³
	1	9	1.80	0.150	= 2.43 m ³
	1	12	1.50	0.150	= 2.70 m ³
	1	10	1.60	0.150	= 2.40 m ³
	1	9	1.30	0.150	= 1.76 m ³
	1	10	1.70	0.150	= 2.55 m ³
	1	12	1.70	0.150	= 1.98 m ³
	1	13	1.70	0.150	= 3.32 m ³
					CO = 36.42 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BA =	86.42
1x	11x	0.90x	0.150		1.49m ³
1x	9x	1.60	x 0.150		2.16m ³
1x	12x	1.50	x 0.150		2.70m ³
1x	10	x 1.70	x 0.150		2.55m ³
1x	9x	1.80	x 0.150		2.43m ³
1x	10	x 1.50	x 0.150		2.25m ³
Total Qty of GIB gr.D					= 50.34m ³
(F/179)	P/L/S/C	LTM gr.D in			
	Pot holes				
1x	7x	1.70	x 0.075		0.89m ³
1x	8x	1.80	x 0.075		1.08m ³
1x	7x	1.90	x 0.075		1.00m ³
1x	10x	1.70	x 0.075		1.28m ³
1x	7x	1.50	x 0.075		0.79m ³
1x	9x	1.40	x 0.075		0.95m ³
1x	10x	1.60	x 0.075		1.20m ³
1x	7x	1.70	x 0.075		0.89m ³
1x	8x	1.80	x 0.075		1.08m ³
1x	9x	1.90	x 0.075		1.28m ³
1x	9x	1.90	x 0.075		1.28m ³
1x	12x	1.60	x 0.075		1.44m ³
1x	10x	1.70	x 0.075		1.28m ³
1x	9x	1.40	x 0.075		0.95m ³
1x	10x	1.80	x 0.075		1.35m ³
1x	12x	1.20	x 0.075		1.08m ³
1x	13x	1.80	x 0.075		1.76m ³
CD =					11.50M ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BP =		11.50 m ²
1x	11x	1.10			0.83 m ³
1x	9x	1.70			1.15 m ³
1x	12x	1.60			1.44 m ³
1x	10x	1.80			1.35 m ³
1x	9x	1.90			1.28 m ³
1x	10x	1.60			1.20 m ³
1x	10x	1.40			1.05 m ³
1x	12x	1.60			1.44 m ³
1x	12x	1.80			1.62 m ³
1x	14x	1.30			1.32 m ³
1x	15x	1.40			1.58 m ³
1x	14x	1.50			1.58 m ³
1x	13x	1.10			1.07 m ³
1x	14x	0.90			0.95 m ³
1x	11x	1.20			0.99 m ³
Total Qty of WBM go. II =					38.44 m ³
(5/180) P/L/S/C WBM go. III in Particles					
Qty of WBM go. II =					38.44 m ³
1x	6x	1.70			0.77 m ³
1x	7x	1.30			0.68 m ³
1x	8x	1.40			0.84 m ³
1x	6x	1.60			0.72 m ³
1x	7x	1.70			0.84 m ³
1x	7x	1.60			0.84 m ³
1x	10x	1.30			1.13 m ³
1x	9x	1.10			0.74 m ³
C0 =					6.61 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$BA = 6.61 m^2$
1x 6x 1.20					$\times 0.075 = 0.54 m^2$
1x 8x 1.30					$\times 0.075 = 0.78 m^2$
1x 7x 1.30					$\times 0.075 = 0.68 m^2$
1x 9x 1.60					$\times 0.075 = 1.08 m^2$
1x 8x 1.10					$\times 0.075 = 0.66 m^2$
1x 9x 1.30					$\times 0.075 = 0.88 m^2$
1x 8x 1.60					$\times 0.075 = 0.96 m^2$

Total Qty of WBM pr. ID = $50.13 m^3$

(Q/181) P/A Prime Coat with Bitumen emulsion SS-1

Area V/sd pr. ID

$$= 50.13 m^3 \div 0.075$$

$$= 675.07 m^2$$

(7/182) Patch work with MSS

Qty Same as Prime Coat

$$= 675.07 m^2$$

(8/183) P/A Tack Coat with Bitumen Emulsion RS-1

$$1x 15x \frac{6.00 + 3.75}{2} = 73.13 m^2$$

$$5x 30x 3.75 = 562.50 m^2$$

$$2x 15x \frac{4.50 + 3.75}{2} = 123.75 m^2$$

$$1x 30x 3.75 = 112.50 m^2$$

$$2x 15x \frac{4.00 + 3.75}{2} = 116.25 m^2$$

$$5x 30x 3.75 = 562.50 m^2$$

$$2x 15x \frac{4.00 + 3.75}{2} = 116.25 m^2$$

$$1x 30x 3.75 = 112.50 m^2$$

$$1x 15x 3.75 = 56.25 m^2$$

Continuation

$$CO = 2183.13 m^2$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BP =	2183.13m
		10 x 30 x 3.75		=	1125.00m ²
		1 x 31 x 3.75		=	116.25m ²
		1 x 5 x $\frac{3.75 + 5.00}{2}$		=	21.95m ²
Area of MSS				=	675.07m ²
					4121.40m ²

(9/184)	P/L	SD/BC			
		1 x 15 x $\frac{6.00 + 3.75}{2} \times 0.025$		=	1.83m ³
		5 x 30 x 3.75 x 0.025		=	14.06m ³
		2 x 15 x $\frac{4.50 + 3.75}{2} \times 0.025$		=	3.09m ³
		1 x 30 x 3.75 x 0.025		=	2.81m ³
		2 x 15 x $\frac{4 + 3.75}{2} \times 0.025$		=	2.91m ³
		5 x 30 x 3.75 x 0.025		=	14.06m ³

		2 x 15 x $\frac{4 + 3.75}{2} \times 0.025$		=	2.91m ³
		4 x 30 x 3.75 x 0.025		=	11.25m ³
		1 x 15 x 3.75 x 0.025		=	1.41m ³
		10 x 30 x 3.75 x 0.025		=	28.13m ³
		1 x 31 x 3.75 x 0.025		=	2.91m ³
		1 x 5 x $\frac{3.75 + 5.00}{2} \times 0.025$		=	0.54m ³
					85.91m ³

(10/185)	Const ⁿ of D/L				
		2 x 4 x 3.75 x 0.075		=	2.25m ³

(11/186)	Const ⁿ of CC Pavement				
		2 x 30 x 3.75 x 0.160		=	36.00m ³
		1 x 10 x 3.75 x 0.160		=	6.00m ³
		2 x 15 x $\frac{4 + 3.75}{2} \times 0.160$		=	18.60m ³
					60.60m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12/187) P/F KM stone	—				2 nos.
(13/188) P/F 200M stone	—				4 nos.
(14/189) P/F Direction and Place Identification Sign					
					$2 \times 1.20 \times 0.80 = 1.92 \text{ m}^2$
(15/190) P/F 600 mm equilateral D Sign Board	—				4 nos.
(16/191) P/F 600 mm circular sign	—				4 nos.
(17/192) P/F 600 x 450 mm rectangular sign	—				2 nos.
(18/192) P/F 900 mm Octagonal Sign Board	—				1 nos.
(19/197) Road marking in BPHM					
					$19 \times 2 \times 30 \times 0.10 = 114.00 \text{ m}^2$
					$10 \times 2 \times 30 \times 0.10 = 60.00 \text{ m}^2$
					$1 \times 2 \times 31 \times 0.10 = 6.20 \text{ m}^2$
					<u>180.20 m²</u>
(20/198) Road marking in CC					
					$3 \times 2 \times 30 \times 0.10 = 18.00 \text{ m}^2$
					$1 \times 2 \times 10 \times 0.10 = 2.00 \text{ m}^2$
					<u>20.00 m²</u>
(21/199) P/F Logo of Maintenance Project	—				2 nos.
20.6.2023 JE	28.06.23 AE				

ABSTRACT OF COST

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/176) clearing and grubbing roadbed item 1/176 VTM B					
P/1 - 0.30 hect @ Rs. 62032.43/hect					
					= Rs 18610.00
(2/177) Subgrade and earthen shoulder item 2/177 VTM B					
P/2 - 639.66 m ³ @ Rs. 253.71/m ³					
					= Rs. 162288.60
(3/178) GSB go II in patches item 3/178 VTM B					
P/3 - 50.34 m ³ @ Rs. 1502.60/m ³					
					= Rs. 75726.10
(4/179) WBM go II item 4/179 VTM B					
P/4 - 38.44 m ³ @ Rs. 3270.72/m ³					
					= Rs. 125726.10
(5/180) WBM go III item 5/180 VTM B					
P/5 - 50.63 m ³ @ Rs. 2862.95/m ³					
					= Rs. 144951.10
(6/181) Prime Coat SS-1 item 6/181 VTM B					
P/5 - 675.07 m ² @ Rs. 6282/m ²					
					= Rs. 42408.10
(7/182) Patch work with M.S.S item 7/182 VTM B					
P/5 - 675.07 m ² @ Rs. 269.34/m ²					
					= Rs. 181823.10
(8/183) Tack Coat RS-1 item 8/183 VTM B					
P/8 - 4121.40 m ² @ Rs. 21.43/m ²					
					= Rs. 88322.10
C.D Rs. 839920.10					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					OP Rs. 839950.00
(9/184) SDBL item 9/184 VTM B					
P/6 - 85.91 m ³ @ Rs. 13917.82/m ³					
					= Rs. 1195680.00
(10/185) DLC item 10/185 VTM B					
P/6 - 2.25 m ³ @ Rs. 6522.62/m ³					
					= Rs. 14676.00
(11/186) CC Pavement item 11/186 VTM B					
P/6 - 60.60 m ³ @ Rs. 7978.35/m ³					
					= Rs. 483488.00
(12/187) KM Stone item 12/187 VTM B					
P/7 - 2 nos @ Rs. 2752.78/each					
					= Rs. 5506.00
(13/188) 200M Stone item 13/188 VTM B					
P/7 - 4 nos @ Rs. 803.61/each					
					= Rs. 3214.00
(14/189) Direction and Place identification					
Sign Board item 14/189 VTM B					
P/7 - 1.92 m ² @ Rs. 14848.68/m ²					
					= Rs. 28509.00
(15/190) 600 mm equilateral sign					
item 15/190 VTM B					
P/5 - 4 nos @ Rs. 4363.71/each					
					= Rs. 17455.00
(16/191) 600 mm Circular Sign item 16/191 VTM B					
P/7 - 4 nos @ Rs. 4262.05/each					
					= Rs. 17048.00

CO-Rs. 2605496.00

Continuation

1345.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.P. Rs.		2605496.00
(17/192)			800 x 450 mm rectangular		
			8280 item 17/192 VTMB		
P/7 -			2000 @ Rs. 418.32/each		
			= Rs. 8237.00		
(18/193)			900 mm Octagonal stop		
			Board item 18/193 VTMB		
P/7 -			100 @ Rs. 8563.05/each		
			= Rs. 8563.00		
(19/192)			Road marking in BT		
			item 19/192 VTMB		
P/7 -			180.20 m ² @ Rs. 823.80/m ²		
			= Rs. 148749.00		

(20/198)			Road marking in CC		
			item 20/198 VTMB		
P/7 -			20.00 m ² @ Rs. 926.40/m ²		
			= Rs. 18528.00		

(21/199)			Logo of Maintenance		
			Project item 21/199 VTMB		
P/7 -			2000 @ Rs. 10895.55/each		
			= Rs. 21791.00		

Rs. 2811064.00

Add @ 18% GST (+) Rs. 505992.00

Add @ 1% LC (+) Rs. 28110.00

Add @ 10% SF (+) Rs. 21128.00

E/W: 639.60 m³ @ Rs. 3.51 = Rs. 2245.00

G/SB: 50.34 m³ @ Rs. 49.04 = Rs. 2469.00

WBM: 38.44 m³ @ Rs. 62.02 = Rs. 2384.00

WBM: 50.63 m³ @ Rs. 63.74 = Rs. 3227.00

M/S: 675.07 m² @ Rs. 1.74 = Rs. 1175.00

SDBC: 85.91 m³ @ Rs. 71.79 = Rs. 6167.00

CC Pav: 60.60 m³ @ Rs. 57.11 = Rs. 3461.00

P.O. Total Rs. 3366295.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BP : Rs. 3366295.00					114.00
Less @ 0.09% below (-) Rs. 3030.00					
as per agreement					
					Rs. 3363265.00
					1884.00
					3363084.00
28.06.2023					JP
28.06.23					JP
Material statement					Royalty
E/W : 639.61 m ³					Rs. 21109.00
Stone Agg : 146.43 m ³					Rs. 21965.00
Stone chips : 195.62 m ³					Rs. 29343.00
Stone Screening : 22.40 m ³					Rs. 1859.00
Local Sand : 25.77 m ³					Rs. 8866.00
Coarse Sand : 27.27 m ³					Rs. —
Moorum : 3.07 m ³					Rs. 255.00
Emulsion SS-1 : 0.57 MT					Rs. 78397.00
Emulsion RS-1 : 1.130 MT					
VG-10 = 1.180 MT					
VG-30 = 9.913 MT					
Waste Plastic = 0.103 MT					
28.06.2023					JP
28.06.23					JP

Continuation

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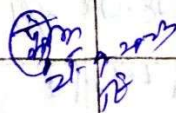
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Executive Engineer
Rural Works Department
Works Division, Sheikhpura

Final Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work: Construction of Road & Work with maintenance from To2 to Sasubana					
Tender Group No: MRN/2022-23					
Sheikhpura-05					
Agency: Sanjay Kumar Technoark Private Ltd (S.K.T.P.L)					
At Indai station Road					
Post Distt - Sheikhpura					
Agreement No: 19 (MBD)/2022-23					
Agreement Value:					
Const ⁿ Cost - Rs. 3492124.00 2920742.00					
5 Yrs maint cost = Rs. 1264898.00 118078.00					
Total Cost - 4757022.00					
Date of Commencement: 31.12.2022					
Date of Completion: 30.9.2022					
further measurement					
NIL					
 25.9.2023					

ABSTRACT of COST

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/176) Clearing and grubbing item 1/176 VTMBS					
P/8- 0.30 head @ 62032.43 / head					
= Rs. 18610.40					
(2/177) Subgrade and earthwork in item 2/177 VTMBS					
P/8- 639.66 m ³ @ Rs 253.71/m ³					
= Rs. 162288.40					
(3/178) G.S. Right II item 3/178 VTMBS					
P/8- 50.34 m ³ @ Rs 1502.60/m ³					
= Rs. 75641.40					
(4/179) L.B. masonry item 4/179 VTMBS					
P/8- 38.44 m ³ @ Rs. 3270.72/m ³					
= Rs. 125726.40					
(5/180) L.B. masonry III item 5/180 VTMBS					
P/8- 50.63 m ³ @ 2862.45/m ³					
= Rs. 144951.40					
(6/181) Prime Coat SS-1 item 6/181 VTMBS					
P/8- 675.07 m ² @ 62.82/m ²					
= Rs. 42408.40					
(7/182) Patch Work with MS item 7/182 VTMBS					
P/8 675.07 m ² @ Rs 269.34/m ²					
= Rs. 181823.40					
(8/183) Grack coat R.O. I item 8/183 VTMBS					
P/8- 4121.40 m ² @ Rs. 21.43/m ²					
= Rs. 88322.40					
Co Rs. 839769.40					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF Rs. 839769.10
(9/184) S.D.B.C item 9/184 VTM B					
P/q- 85.91 m ³ @ Rs 13917.82/m ³					
					= Rs 1195680.10
(10/185) J.L.C item 10/185 VTM B					
P/q- 2.25 m ³ @ Rs 6522.62/m ³					
					= Rs 14676.10
(11/186) CC Pavement item 11/186 VTM B					
P/q- 60.60 m ³ @ 7998.35/m ³					
					= Rs. 483488.10
(12/187) Km stone item 12/187 VTM B					
P/q- 2 nos @ Rs 2751.78/each					
					Rs 5503.56
(13/188) 200mm stone item 13/188 VTM B					
P/q- 4 nos @ 803.61/each					
					= Rs. 3214.44
(14/189) Direction and place identification sign item 14/189 VTM B					
P/q- 1.92 m ² @ Rs 14848.68/m ²					
					= Rs 28509.48
(15/190) 600mm equilateral sign item 15/190 VTM B					
P/q- 4 nos @ 4363.71/each					
					17454.84
					= Rs 17454.84
(16/191) 600mm circular sign item 16/191 VTM B					
P/q- 4 nos @ Rs 4262.05/each					
					= Rs 17048.20
					G.Os. 2605345

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/192) B.P. RD 2605					345.10
600x450mm Rectangular					
Site item 17/192					UTMB
P/10- 2 nos @ Rs 4118.32/each					
2 Rs. 8237.10					
(18/193) 900mm Octagonal stop					
Board item 18/193					UTMB
P/10- 1 nos @ Rs. 8563.05/each					
2 Rs. 8563.05					
(19/197) Road marking in					UTMB
RT item 19/19					
P/10- 180.20m ² @ Rs 823.80/m ²					
2 Rs. 148449.10					
(20/198) Road marking in					UTMB
cc item 20/198					
P/10- 20.00m ² @ Rs 926.40/m ²					
2 Rs. 18528.10					
(21/199) Logo of Maintenance project					
item 21/199					UTMB
P/10- 2 nos @ Rs 10895.55/each					
2 Rs. 21791.10					
					Rs. 28,10,913.10
Add @ 18% G.S.T (+)					Rs 505964.10
Add @ 1% LC (+)					Rs 28109.10
Add @ S.F (+)					Rs 21128.10
					Grand 33,66,114.10

