

1st R/A 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				Contents of area
	No.	L.	B.	D.	
Name of Work - Construction of Road and CD work with Maintenance for Sheikhpura Acha Path to Kamalpur (New MR-3054)					
Tender Group No. MR-N/22-23, SHK-02					
Agency: Sanjay Kumar Pachrate Pvt. Ltd. (SKFPL)					
At - Jinday, Station Road, P.O. + Distt - Sheikhpura					
Agreement No - 20 (MBD) / 2022-23					

Agreement Value:

Constⁿ Cost = Rs. 10341036.00

5% Maint. Cost = Rs. 1587215.00

Total Cost = Rs. 11928251.00

Date of Commencement: 29.09.2022

Date of Completion: 28.06.2023

Date of Measurement:

30.09.2022 to 25.05.2023

Date of Entry: 25.05.2023

② cleaning and grubbing roadlands

10 x 2 x 30 x 1.50 = 900.00 m²15 x 2 x 30 x 1.50 = 1350.00 m²20 x 2 x 30 x 1.50 = 1800.00 m²5 x 2 x 30 x 1.50 = 450.00 m²6 x 2 x 30 x 1.50 = 540.00 m²1 x 2 x 20 x 1.50 = 60.00 m²5100.00 m²

Continuation

5100.00 m² ÷ 10000 = 0.51 Hect.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23) Const ⁿ of Subgrade and earthen Shoulder					
	5	2	30	0.75	0.30 = 67.50 m ³
	10	2	30	0.75	0.30 = 135.00 m ³
	8	2	30	0.75	0.30 = 108.00 m ³
	1	2	10	1.20	0.30 = 7.20 m ³
	25	2	30	1.20	0.30 = 540.00 m ³
	8	2	30	1.20	0.30 = 172.80 m ³
					<u>1030.50 m³</u>

(3/4) Const ⁿ of GSB in Potholes with grading II Material					
1	8	1.90	0.150	=	2.28 m ³
1	6	1.60	0.100	=	0.96 m ³
1	5	1.70	0.100	=	0.85 m ³
1	8	1.50	0.150	=	1.80 m ³
1	5	1.30	0.150	=	0.98 m ³
1	6	1.20	0.150	=	1.08 m ³
1	7	1.40	0.150	=	1.47 m ³
1	5	1.50	0.150	=	1.13 m ³
1	5	1.60	0.150	=	1.20 m ³
1	6	1.70	0.150	=	1.53 m ³
1	4	1.70	0.150	=	1.02 m ³
1	7	1.40	0.150	=	1.47 m ³
1	6	2.00	0.150	=	1.80 m ³
1	5	1.20	0.150	=	0.90 m ³
1	5	1.60	0.150	=	1.20 m ³
1	7	1.90	0.150	=	2.00 m ³
1	8	1.60	0.150	=	1.92 m ³
1	6	1.90	0.150	=	1.71 m ³
1	5	1.80	0.150	=	1.35 m ³
Total					26.65 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BP	2	26.65 m ²
1x 7x 1.40 x 0.150 =					1.47 m ³
1x 5x 1.40 x 0.150 =					1.44 m ³
1x 5x 1.70 x 0.150 =					1.28 m ³
1x 5x 1.40 x 0.150 =					1.05 m ³
1x 6x 1.90 x 0.150 =					1.71 m ³
1x 8x 1.30 x 0.150 =					1.56 m ³
1x 7x 1.90 x 0.150 =					2.00 m ³
1x 8x 1.60 x 0.150 =					1.92 m ³
1x 7x 1.90 x 0.150 =					2.00 m ³
1x 8x 1.30 x 0.150 =					1.56 m ³
1x 9x 1.40 x 0.150 =					1.89 m ³
1x 8x 1.60 x 0.150 =					1.92 m ³

1x 9x 1.70 x 0.150 =	2.30 m ³
1x 7x 1.80 x 0.150 =	1.89 m ³
1x 8x 1.30 x 0.150 =	1.56 m ³
1x 5x 1.40 x 0.150 =	1.05 m ³
1x 6x 1.60 x 0.150 =	1.44 m ³
1x 7x 1.70 x 0.150 =	1.79 m ³

Total Qty of GSB gr. = 56.44 m³

(415) P/L/S/C WBM gr. in Pot holes

1x 8x 2.00 x 0.075 =	1.20 m ³
1x 6x 1.70 x 0.075 =	0.77 m ³
1x 5x 1.80 x 0.075 =	0.68 m ³
1x 8x 1.60 x 0.075 =	0.96 m ³
1x 5x 1.40 x 0.075 =	0.53 m ³
1x 6x 1.30 x 0.075 =	0.59 m ³

1x 7x 1.50 x 0.075 = 0.79 m³

1x 5x 1.20 x 0.075 = 0.60 m³

C.O. = 6.12 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF =	6.12 m ²
1x 5x	1.70	0.075			0.64 m ²
1x 6x	1.80	0.075			0.81 m ²
1x 4x	1.80	0.075			0.54 m ²
1x 7x	1.50	0.075			0.79 m ²
1x 6x	2.10	0.075			0.95 m ²
1x 5x	1.30	0.075			0.49 m ²
1x 5x	1.70	0.075			0.64 m ²
1x 7x	2.00	0.075			1.05 m ²
1x 8x	1.70	0.075			1.02 m ²
1x 6x	2.00	0.075			0.90 m ²
1x 5x	1.90	0.075			0.71 m ²
1x 7x	1.50	0.075			0.79 m ²
1x 6x	1.70	0.075			0.77 m ²
1x 5x	1.80	0.075			0.68 m ²
1x 5x	1.50	0.075			0.56 m ²
1x 6x	2.00	0.075			0.90 m ²
1x 8x	1.40	0.075			0.84 m ²
1x 7x	2.00	0.075			1.05 m ²
1x 8x	1.70	0.075			1.02 m ²
1x 7x	2.00	0.075			1.05 m ²
1x 8x	1.40	0.075			0.84 m ²
1x 9x	1.50	0.075			1.01 m ²
1x 8x	1.70	0.075			1.02 m ²
1x 9x	1.80	0.075			1.22 m ²
1x 7x	1.90	0.075			1.00 m ²
1x 8x	1.40	0.075			0.84 m ²
1x 5x	1.50	0.075			0.56 m ²

CD = 28.81 m²

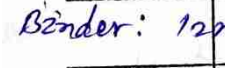
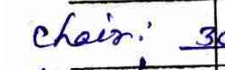
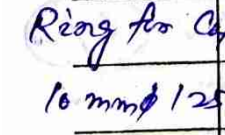
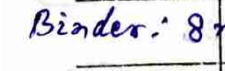
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF =	28.81 m ³
1 X	6 X	1.70	0.075	=	0.77 m ³
1 X	7 X	1.80	0.075	=	0.95 m ³
1 X	8 X	1.70	0.075	=	1.02 m ³
1 X	7 X	1.60	0.075	=	0.84 m ³
1 X	5 X	1.80	0.075	=	0.68 m ³
1 X	7 X	1.80	0.075	=	0.95 m ³
1 X	8 X	1.90	0.075	=	1.14 m ³
1 X	7 X	1.50	0.075	=	0.79 m ³
7 X	6 X	1.40	0.075	=	0.63 m ³
1 X	7 X	1.20	0.075	=	0.63 m ³
1 X	9 X	1.50	0.075	=	1.01 m ³
1 X	8 X	1.20	0.075	=	0.72 m ³
1 X	9 X	1.30	0.075	=	0.88 m ³
1 X	9 X	1.50	0.075	=	1.01 m ³
1 X	10 X	1.50	0.075	=	1.13 m ³
1 X	8 X	1.60	0.075	=	0.96 m ³
Total Qty of WBM gr. II =					42.85 m ³ 42.92 m ³
(5/6) P/L/S/C WBM gr. III in Potholes					
Qty of WBM gr. II =					42.85 m ³
1 X	9 X	2.30	0.075	=	1.55 m ³
1 X	10 X	1.50	0.075	=	1.13 m ³
1 X	11 X	1.60	0.075	=	1.32 m ³
1 X	9 X	1.80	0.075	=	1.22 m ³
1 X	8 X	1.90	0.075	=	1.14 m ³
1 X	4 X	2.10	0.075	=	0.63 m ³
1 X	7 X	2.00	0.075	=	1.05 m ³
1 X	6 X	1.30	0.075	=	0.59 m ³
CO =					51.48 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF =	51.48 m ²
1x	5x	1.70		$\times 0.075 =$	0.64 m ³
1x	6x	1.80		$\times 0.075 =$	0.81 m ³
1x	7x	1.50		$\times 0.075 =$	0.79 m ³
1x	7x	2.10		$\times 0.075 =$	1.10 m ³
1x	6x	2.30		$\times 0.075 =$	1.04 m ³
1x	10x	1.80		$\times 0.075 =$	1.35 m ³
1x	11x	2.10		$\times 0.075 =$	1.73 m ³
1x	12x	1.90		$\times 0.075 =$	1.71 m ³
1x	11x	2.10		$\times 0.075 =$	1.73 m ³
1x	10x	1.40		$\times 0.075 =$	1.05 m ³
1x	9x	2.10		$\times 0.075 =$	1.42 m ³
1x	10x	2.20		$\times 0.075 =$	1.65 m ³
1x	14x	1.70		$\times 0.075 =$	1.79 m ³
1x	10x	1.50		$\times 0.075 =$	1.13 m ³
1x	11x	1.90		$\times 0.075 =$	1.57 m ³
1x	12x	2.10		$\times 0.075 =$	1.89 m ³
1x	16x	2.00		$\times 0.075 =$	2.40 m ³
1x	12x	1.90		$\times 0.075 =$	1.71 m ³
1x	13x	2.20		$\times 0.075 =$	2.15 m ³
1x	14x	2.30		$\times 0.075 =$	2.42 m ³
1x	15x	1.80		$\times 0.075 =$	2.03 m ³
Total Qty of m ³ approx					83.54 m ³
					83.59 m ³

2023
2023
2023

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Construction of 3 nos RCC					
Slab Culvert of size					
2m span x 2.00m Vent height					
@ CH 10 m					
@ CH 250 m					
@ CH 521 m					
(6/27) E/W in excavation for structure					
Abutment: $2 \times 9.10 \times 2.30 \times 1.60 = 66.976 \text{ m}^3$					
R/W: $4 \times 1.60 \times 2.097 \times 1.60 = 21.473 \text{ m}^3$					
Floor Under Deck slab - $1 \times 7.70 \times 0.70 \times 0.25 = 0.770 \text{ m}^3$					
For slope - $2 \times 7.7 \times 0.58 = 8.922 \text{ m}^3$					
					98.14 m ³
Qty for 3 no Culvert:					
					$3 \times 98.14 \text{ m}^3 = 294.42 \text{ m}^3$
(7/30) Sand filling in foundation trench					
$1 \times 7.70 \times 1.629 \times 0.102 = 1.25 \text{ m}^3$					
Qty for 3 nos Culvert = $3 \times 1.25 \text{ m}^3$					
					$= 3.75 \text{ m}^3$
(8/28) P/V PCC M15 (1:2:5:5) in open foundation					
Abutment: $2 \times 9.10 \times 2.30 \times 0.20 = 8.372 \text{ m}^3$					
R/W = $4 \times 1.60 \times 2.097 \times 0.200 = 2.684 \text{ m}^3$					
Floor Under deck slab - $1 \times 7.70 \times 1.736 \times 0.15 = 2.005 \text{ m}^3$					
Qty Below G.L.					13.06 m ³
Abutment: $2 \times 8.30 \times 1.80 \times 1.40 = 41.832 \text{ m}^3$					
Qty for 3 no Culvert = $3 \times 13.06 \text{ m}^3$					
					$= 39.18 \text{ m}^3$
R/W: $4 \times 1.60 \times 1.597 \times 1.40 = 14.309 \text{ m}^3$					
					69.20 m ³
Qty for 3 no. Culvert = $3 \times 69.20 \text{ m}^3$					
					207.60 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9/13) Plain/RC M20 in Substructure					
Abutment:	2	7.50	1.00	1.80	27.00 m ³
R/W :	4	1.90	0.749	2.09	11.889 m ³
Abutment Cap	2	7.50	0.70	0.20	2.10 m ³
Drain wall	2	7.50	0.40	0.24	1.44 m ³
R/W Capping	4	2.20	0.40	0.15	0.528 m ³
Parapet	2	8.00	0.40	0.40	2.56 m ³
					46.80 m ³
					46.797
Qty for 300. Culvert:	3	46.80 m ³			
					140.40 m ³
(10/05) S/F/p HYSD Bar reinforcement					
Bottom Main Bar:	16 mm @ 150 mm c/c				
		51	2760	1.58 kg/m	
					222.40 kg
Binder:	12 mm @ 150 mm c/c				
		18	7.40	0.888	118.28 kg
Top Main Bar:	12 mm @ 250 mm c/c				
		31	2.48	0.888 kg	67.718 kg
Binder:	12 mm @ 250 mm c/c				
		11	7.40	0.888 kg	72.283 kg
Chair:		19	1.90	0.888 kg	32.05 kg
Ring for Cap:		61	2.24	0.62 kg	181.536 kg
Binder:	8 mm @				
		2	12	7.40	0.395 kg
					70.152 kg
					764.419 kg
Qty for 300. Culvert:	3	764.419			

Continuation = 2293.257 kg

= 2.29 MT

Limit = 2.28 MT

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/33) RCC M25 Deckslab					13.824
5000 X 1 X 7.50 X 2.56 X 0.25 = 383 m ³					
(12/35) P/E Joint filling Compound					
3000 X 2 X 7.50 = 4500 m					
(13/36) P/V Weepholes					
(2 X 12 + 4 X 4) X 3 = 120 nos.					
Sum 12.4.22 50					
Constn of Protection Wall					
from CH 805M to CH 865M					
(14/27) E/W in excavation for structure					112.50
2 X 30 X 1.25 X 1.53 = 112.80 m ³					
(15/28) P/V PL MIS (1:2.5:5) in open end					
2 X 30 X 1.25 X 0.150 = 11.40 m ³					
(16/31) Plain / RCC masonry Substructure					11.25 m ³
1st step: 2 X 30 X $\frac{1.10 + 0.80}{2}$ X 1.35 = 85.08 m ³					24.495
2nd step: 2 X 30 X $\frac{0.7 + 0.4}{2}$ X 1.20 = 43.20 m ³					39.60
Sum 12.4.20 50					
(17/36) P/V Weepholes					
1 X 60 = 60 nos.					104.295 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18/7) P/A Prime Coat with Bitumen emulsion SS-1					
Area Vide WBM gr. 13 item 1/6 Vm ² /L					
= $83.54 \text{ m}^2 \div 0.075$					
= 1113.87 m^2					
(19/8) Patch work over WBM with MSS					
Qty Same as Prime Coat = 1113.87 m^2					
(20/9) P/A Tack Coat with Bitumen emulsion RS-1					
Area of MSS = 1113.87 m^2					
$1 \times 15 \times \frac{8.70 + 3.75}{2} = 93.38 \text{ m}^2$					
$9 \times 30 \times 3.75 = 1012.50 \text{ m}^2$					
$8 \times 30 \times 3.75 = 900.00 \text{ m}^2$					
$2 \times 15 \times \frac{4 + 3.75}{2} = 116.25 \text{ m}^2$					
$2 \times 15 \times \frac{4 + 3.75}{2} = 116.25 \text{ m}^2$					
$2 \times 15 \times \frac{4 + 3.75}{2} = 116.25 \text{ m}^2$					
$2 \times 30 \times 3.75 = 225.00 \text{ m}^2$					
$10 \times 30 \times 3.75 = 1125.00 \text{ m}^2$					
$1 \times 35 \times 3.75 = 131.25 \text{ m}^2$					
93.38 m^2					
4949.75 m^2					
Limit = 4938.87 m^2					
(21/10) P/A SDBC					
$1 \times 15 \times \frac{8.70 + 3.75}{2} \times 0.025 = 2.33 \text{ m}^3$					
$9 \times 30 \times 3.75 \times 0.025 = 25.31 \text{ m}^3$					
$8 \times 30 \times 3.75 \times 0.025 = 22.50 \text{ m}^3$					
$2 \times 15 \times \frac{4 + 3.75}{2} \times 0.025 = 2.90 \text{ m}^3$					
$2 \times 15 \times \frac{4 + 3.75}{2} \times 0.025 = 2.90 \text{ m}^3$					
$2 \times 15 \times \frac{4 + 3.75}{2} \times 0.025 = 2.90 \text{ m}^3$					
$2 \times 30 \times 3.75 \times 0.025 = 5.62 \text{ m}^3$					
$10 \times 30 \times 3.75 \times 0.025 = 28.13 \text{ m}^3$					
$1 \times 35 \times 3.75 \times 0.025 = 3.28 \text{ m}^3$					
95.97 m^3					
Limit = 95.63 m^3					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22/11) Constn of D.C.C.					
		4.70 X 1.5 X 1.75 X 0.075			7.88 m ³
		4 X 2.5 X 2.88 X 0.075			21.60 m ³
					29.48 m ³
(23/12) Constn of C.C. Pavement					
		1 X 30 X $\frac{4 + 4.50}{2} \times 0.16$			20.40 m ³
		2 X 30 X $\frac{4.50 + 5}{2} \times 0.16$			45.60 m ³
		1 X 30 X $\frac{3.95 + 4.10}{2} \times 0.16$			19.32 m ³
		1 X 30 X $\frac{4.10 + 3.85}{2} \times 0.16$			19.08 m ³
		1 X 30 X $\frac{3.85 + 4.00}{2} \times 0.16$			18.84 m ³
		1 X 30 X $\frac{4.00 + 4.10}{2} \times 0.16$			19.44 m ³
		1 X 30 X $\frac{4.10 + 3.85}{2} \times 0.16$			19.08 m ³
		1 X 30 X $\frac{3.85 + 4.00}{2} \times 0.16$			18.84 m ³
		1 X 30 X $\frac{4.00 + 4.20}{2} \times 0.16$			19.68 m ³
		1 X 30 X $\frac{4.20 + 3.75}{2} \times 0.16$			19.08 m ³
		1 X 30 X $\frac{3.75 + 4.10}{2} \times 0.16$			18.84 m ³
		1 X 30 X $\frac{4.10 + 3.95}{2} \times 0.16$			19.32 m ³
		3 X 30 X $\frac{3.95 + 4.00}{2} \times 0.16$			57.24 m ³
		2 X 30 X $\frac{4.00 + 3.85}{2} \times 0.16$			37.68 m ³
		2 X 15 X $\frac{3.85 + 3.75}{2} \times 0.16$			18.24 m ³
					370.68 m ³
(24/13) S/P Pipe duct					
		2 X 3 X 2.50			15.00 m
(25/14) P/R KM Stone					3 nos.
(26/15) P/R 200M Stone					7 nos.

Continuation

1st RIA Bill
ABSTRACT OF COST

13

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/2) clearing and grubbing roadlands item 1/2 VTMB					
P/1 - 0.51 hect. @ Rs. 59726.13/hect					
					= Rs. 30460.00
(2/3) Subgrade and earthen shoulder item 2/3 VTMB					
P/2 - 1030.50 m ³ @ Rs. 253.56/m ³					
					= Rs. 261294.00
(3/4) GSB gr. II material item 3/4 VTMB					
P/3 - 56.44 m ³ @ Rs. 1574.27/m ³					
					= Rs. 88852.00
(4/5) WBM gr. II item 4/5 VTMB					
P/5 - 42.85 m ³ @ Rs. 3420.49/m ³					
					= Rs. 146568.00
(5/6) WBM gr. II item 5/6 VTMB					
P/6 - 83.54 m ³ @ Rs. 2969.92/m ³					
					= Rs. 248107.00
(6/7) Prime Coat SS-1 item 6/7 VTMB					
P/10 - 1113.87 m ² @ Rs. 59.24/m ²					
					= Rs. 65986.00
(7/8) Patch work with MSS item 7/8 VTMB					
P/10 - 1113.87 m ² @ Rs. 262.45/m ²					
					= Rs. 292335.00
(8/9) Tack Coat RS-1 item 8/9 VTMB					
P/10 - 4938.87 m ² @ Rs. 20.16/m ²					
					= Rs. 99568.00
(9/10) SDAK item 9/10 VTMB					
P/10 - 95.63 m ³ @ Rs. 13395.62/m ³					
					= Rs. 1281023.00

Continuation

C.D Rs. 2514193.00

Particulars	Quantity of material measurement			Quantity of work
	m	m	m	

R.P. - Rs. 25,14,192.00

(10/11) 200 mm stone item 24/11, 10000

P/11 = 29.48 m² @ Rs. 6149.40 / m²

= Rs. 181,224.00

(11/12) C.C. Pavement item 22/12, 10000

P/11 = 170.68 m² @ Rs. 7579.46 / m²

= Rs. 24,19,554.00

(12/12) Pipe duct item 24/12, 10000

P/11 = 14.6 m @ Rs. 601.24 / m

= Rs. 9019.00

(13/14) RM Stone item 25/14, 10000

P/11 = 25000 @ Rs. 25.93 / m²

= Rs. 7,131.00

(14/15) 200 mm stone item 26/15, 10000

P/11 = 7000 @ Rs. 734.87 / each

= Rs. 5,144.00

(15/16) Direction and Place identification

3300 Board item 27/16, 10000

P/11 = 1.92 m² @ Rs. 14,776.47 / m²

= Rs. 28,371.00

(16/17) 600 mm equilateral D sign item 1/17, 10000

P/12 = 17 nos @ Rs. 4309.66 / each

= Rs. 73,264.00

(17/18) 600 mm Circular sign item 24/18, 10000

P/12 = 20 nos @ Rs. 4211.74 / each

= Rs. 84,235.00

(18/19) 600 x 450 mm rectangular sign item 20/19, 10000

P/12 = 5 nos @ Rs. 4068.00 / each = Rs. 20,340.00

Continuation

C.O Rs. 57,33,185.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					13 P. Rs. 5733/85.00
(19/24) 900mm Octagonal stop Board item 31/VTMB					
P/12 - 2015 @ Rs. 85/12.74/each					
					= Rs. 17025.00
(20/24) Road marking in B7 item 22/VTMB					
P/12 - 200.00 m ² @ Rs. 823.74/m ²					
					= Rs. 164748.00
(21/25) Road marking in CC item 33/VTMB					
P/12 - 110.00 m ² @ Rs. 925.46/m ²					
					= Rs. 101801.00
(22/26) Logo of Maintenance Project item 34/VTMB					
P/12 - 3075 @ Rs. 1069/1.78/each					
					= Rs. 32075.00
(23/27) E/W in excavation for structure					
item 6/27 VTMBP/7 - 294.42 m ³					
item 14/27 VTMBP/9 - 112.80 m ³					
					407.22 m ³
					@ Rs. 314.41/m ³ = Rs. 128034.00
(24/28) PCC M15 (1:2:5:5)					
item 8/28 VTMBP/7 - 207.60 m ³					
item 15/28 VTMBP/9 - 11.40 m ³					
					219.00 m ³
					@ Rs. 6149.40/m ³ = Rs. 1346719.00
(25/30) Sand filling item 7/30 VTMB					
P/7 - 3.75 m ³ @ Rs. 533.19/m ³					
					= Rs. 1999.00
(26/31) Plain/RCC M20 i"					
item 9/31 VTMBP/8 - 140.40 m ³					
item 16/31 VTMBP/9 - 128.28 m ³					
					268.68 m ³
					@ Rs. 7067.56/m ³ = Rs. 1898912.00
					Rs. 9254947 = C.O Rs. 9424498.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.P. R3		9424498.00
(27/33) RCC M25 Deck slab item 11/33 VTM B					
P/q - 13.83 m ² @ Rs. 7581.81/m ²					
					= Rs. 104856.00
(28/34) HYSD Bar reinforcement item 10/34 VTM B					
P/q - 2.28 MT @ Rs. 76862.39/MT					
					= Rs. 175246.00
(29/35) Joint sealing item 12/35 VTM B					
P/q - 45.00 m @ Rs. 44.97/m					
					= Rs. 2024.00
(30/36) Weep holes item					
item 13/36 VTM B P/q - 120 nos.					
item 17/36 VTM B P/q - 60 nos.					
					180 nos.
					@ Rs. 130.49/each = Rs. 23477.00
					Rs. 973010.00
					9560550.00
Add @ 1% LC					Rs. 97301.00
Add @ 12% GST					Rs. 1167612.00
					1147288.00
					Rs. 10995014.00
Add @ 10% S.F					10825463.00
EW - 1442.72 m ³ @ Rs. 3.51 = Rs. 5064.00					
GSD - 56.44 m ³ @ Rs. 49.04 = Rs. 2768.00					
WBM - 42.85 m ³ @ Rs. 62.02 = Rs. 2658.00					
WBM - 83.54 m ³ @ Rs. 63.74 = Rs. 5325.00					
MSS - 1113.87 m ² @ Rs. 1.74 = Rs. 1938.00					
SDAC - 95.63 m ³ @ Rs. 71.79 = Rs. 6865.00					
CC - 370.68 m ³ @ Rs. 54.32 = Rs. 20135.00					
PCC M15 - 219.00 m ³ @ Rs. 46.54 = Rs. 10192.00					
Plain RCL - 268.68 m ³ @ Rs. 53.55 = Rs. 14388.00					
RCC M25 - 13.83 m ³ @ Rs. 58.64 = Rs. 811.00					
Sand filling - 3.75 m ³ @ Rs. 14.02 = Rs. 53.00					
Total S.F. = Rs. 70197.00					
Rs. 10873619.00 = C.D. Rs. 11065211.00					

Continuation

Rs. 10873619 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BP Rs. 11065211.00
Less @ 12.71% below as per agreement					Rs. 13822037.00
					Rs. 14063881.00
					Rs. 9658823.00
					9491582.00

Material statement

E/W - 1442.72 m ³					Royalty Rs. 47610.00
Stone Agg - 196.27 m ³					Rs. 29441.00
Local Sand - 28.92 m ³					Rs. 4335.00
Coarse Sand - 166.81 m ³					
Challan Submitted					
Stone Screening - 31.48 m ³					34.91 m ³
Mooram - 3.43 m ³					

Challan Submitted = 43.96 m³

Emulsion SS-1 = 0.942 MT

Emulsion RS-1 = 1.354 MT

V₈-10 = 1.947 MTV₈-30 = 11.034 MTStone chips - 500.43 m³Challan Submitted = 237.86 m³

Waste Plaster = 0.169 MT

Rest chips = 262.14 m³ @ 150/m³ Rs. 39321.00

Total Rs. 120707.00

Invoice No.Date Qty item136744123000123 17.4.2023 56 drum V₈30136744123000124 17.4.2023 13 drum V₈30" " 13 drum V₈-10

ACT/001/2023-24 18.05.2023 48 drum RS-1

52 drum SS-1

18
Bill Vachels - 9491582~

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Continuation

2nd and 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 and CD work With Maintenance for sheikhpura Aaha Path to Kamalpur					
Tender Group No- MR-N/22-23 SHK-22					
Agency - Sanjay kumar Technocrats Pvt. Ltd. (SKTPCL)					
At- Jodai, station Road					
P.O. + Distt - sheikhpura					
Agreement No - 20 (MBO) / 2022-23					
Agreement Value:					
Const ⁿ Cost = Rs. 10341036.00 ✓					
5% Maintenance Cost = Rs. 1587215.00 ✓					
Total Cost = Rs. 11928251.00					
Date of Commencement: 29.09.2022 ✓					
Date of Completion: 28.06.2023 ✓					
Actual Date of Completion 9.06.2023					
Date of Entry: 9.06.2023					

1/12

Constn of CC Pavement

$$1 \times 6 \times \frac{4 + 3.75}{2} \times 0.16 = 3.72 \text{ m}^3$$

$$3 \times 30 \times 3.75 \times 0.16 = 54.00 \text{ m}^3$$

$$57.72 \text{ m}^3$$

2/21

Boundary

36 nos.

3/25

Road marking in CC Pavement

$$5 \times 2 \times 30 \times 0.10 = 30.00 \text{ m}^2$$

4/29

Painting of parapet wall

$$\text{Side} - 4 \times 8 \times 2.60 = 19.20 \text{ m}^2$$

$$\text{Top} - 2 \times 8 \times 0.40 = 6.40 \text{ m}^2$$

$$\text{Ends} - 4 \times 1.0 \times 0.60 = 2.40 \text{ m}^2$$

$$\text{Continuation} = 26.51 \text{ m}^2$$

$$\text{Qty for 3rd HPI} - 3 \times 26.51 \text{ m}^2 = 79.68 \text{ m}^2$$

9.6.2023

ABSTRACT OF COST

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) clearing and grubbing roadlands item 1/4 VTMB					
P/13 - 0.51 hect @ Rs. 59726.13/hect					
					= Rs. 30460.00 ✓
(13) Subgrade and sand earthen shoulder item 2/3 VTMB					
P/13 - 1030.50 m ³ @ Rs. 253.56/m ³					
					= Rs. 261294.00 ✓
(14) GSB gr. II item 3/4 VTMB					
P/13 - 56.74 m ³ @ Rs. 1574.27/m ³					
					= Rs. 88852.00 ✓
(15) WBM gr. I item 4/5 VTMB					
P/13 - 42.85 m ³ @ Rs. 3420.49/m ³					
					= Rs. 146568.00 ✓
(16) WBM gr. II item 5/6 VTMB					
P/13 - 83.54 m ³ @ Rs. 2969.32/m ³					
					= Rs. 248107.00 ✓
(17) Prime Coat SS-1 item 6/7 VTMB					
P/13 - 1113.87 m ² @ Rs. 59.24/m ²					
					= Rs. 65986.00 ✓
(18) Patch work with MBS item 7/8 VTMB					
P/13 - 1113.87 m ² @ Rs. 262.45/m ²					
					= Rs. 292335.00 ✓
(19) Tack Coat RS-1 item 8/9 VTMB					
P/13 - 4938.87 m ² @ Rs. 20.16/m ²					
					= Rs. 99568.00 ✓
(20) SDBC item 9/10 VTMB					
P/13 - 9563 m ³ @ Rs. 13395.62/m ³					
					= Rs. 1281023.00 ✓

Continuation

C.O. Rs. 2514193.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.R. Rs. 2517193.00
(10/11) D.C. item 10/11 VTMBS					
P/14 - 29.48 m ³ @ Rs. 6149.40/m ³					
					= Rs. 181284.00
(11/12) C.C. Pavement item 11/12 VTMBS					
P/14 -					370.68 m ³
item 1/2 VTMBS P/14					57.72 m ³
					428.40 m ³
					@ Rs. 7579.46/m ³ = Rs. 3247041.00
(12/13) Pipe duct : item 12/13 VTMBS					
P/14 - 15.0 m @ Rs. 601.26/m					
					= Rs. 9019.00
(13/14) K.M. Stone item 13/14 VTMBS					
P/14 - 3 nos @ Rs. 2593.75/each					
					= Rs. 7781.00
(14/15) 200 M Stone item 14/15 VTMBS					
P/14 - 7 nos @ Rs. 734.87/each					
					= Rs. 5144.00
(15/16) Direction and Place identification					
Sign item 15/16 VTMBS					
P/14 - 1.92 m ² @ Rs. 14776.47/m ²					
					= Rs. 28371.00
(16/17) 600 mm equilateral D sign item 16/17					
VTMBS P/14 - 17 nos @ Rs. 4309.66/each					
					= Rs. 73264.00
(17/18) 600 mm Circular Sign item 17/18 VTMBS					
P/14 - 20 nos @ Rs. 4211.74/each					
					= Rs. 84235.00

C.O. Rs. 6150332.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P.	Rs. 6150332.00
(18/19) 600 x 450 mm rectangular sign					
item 18/19 VTMB					
P/14 - 5 nos @ Rs. 4068.00 / each					
					= Rs. 20340.00
(19/20) 900 mm Octagonal Stop Board item 19/20 VTMB					
P/15 - 20 nos @ Rs. 851274 / each					
					= Rs. 17025.00
(20/21) Boundary Pillar item 20/21 VTMB					
P/19 - 36 no. @ Rs. 711.83 / each					
					= Rs. 25626.00
(21/25) Road marking in cc Pavement					
item 21/25 VTMB P/15 -					110.00 m ²
item 21/25 VTMB P/19 -					30.00 m ²
					140.00 m ²
@ Rs. 925.46 / m ² = Rs. 129564.00					
(22/24) Road marking in BT Road item 22/24 VTMB					
P/15 - 200.00 m ² @ Rs. 823.74 / m ²					
					= Rs. 164748.00
(23/26) Logo of Maintenance Project item 23/26 VTMB					
P/15 - 3 nos @ Rs. 10891.78 / each					
					= Rs. 32675.00
(24/27) E/L in excavation item 24/27 VTMB					
P/15 - 407.22 m ³ @ Rs. 314.41 / m ³					
					= Rs. 128034.00
(25/28) PCL M15 (1:2:5) item 25/28 VTMB					
P/15 - 219.00 m ³ @ Rs. 6149.40 / m ³ = Rs. 1346719.20					
(26/29) C.O. Rs. 801446.00					
(26/29) Painting item 26/29 VTMB					
P/19 - 79.68 m ² @ Rs. 114.25 / m ² = Rs. 9142.00					
					C.O. Rs. 802360.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					8023605.00 B.P. Rs. 8014463.00
(27/30) Sand filling item 25/30 VMMB					
P/15 - 375 m ³ @ Rs. 533.19 / m ³					
					= Rs. 1999.00
(28/31) Plain/Rec (M20) stem 26/31 VMMB					
P/15 - 256.95 m ³ @ Rs. 7067.56 / m ³					
					= Rs. 1816010.00
(29/33) Rec M25 Deck slab item 27/33 VMMB					
P/16 - 13.83 m ³ @ Rs. 7581.81 / m ³					
					= Rs. 104856.00
(30/34) HYSD Bar reinforcement item 28/34 VMMB					
P/16 - 2.28 MT @ Rs. 76862.39 / MT					
					= Rs. 175246.00
(31/35) Joint sealing item 29/35 VMMB					
P/16 - 45.00 m @ Rs. 44.97 / m					
					= Rs. 2024.00
(32/36) Weepholes item 30/36 VMMB					
P/16 - 180 nos @ Rs. 130.42 / each					
					= Rs. 23477.00
					Rs. 10147217.00
Add @ 1% LC (+) Rs. 101472.00					
Add @ 12% GST (+) Rs. 1217666.00					
Add @ 10% SF (+) Rs. 70197.00					
vide Jt R/A Bill					
2nd R/A					
CC Pavement: 57.72 m ² @ Rs. 54.32 = Rs. 3135.00					
Total SF Rs. 73332.00					
					Rs. 11539687.00
Less @ 12.7% below as per agreement (-) Rs. 1466694.00					
					Rs. 10072993.00
Less Previous Payment (-) Rs. 9491582.00					
					Continuation
					CO. Rs. 581411.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F.	Rg.	58/11.00	
10.6 m 9.1 m Material statement		Assumed	09/06/23		
Stone chips	=	51.95 m ³			10.6 m ³
Coarse Sand	=	25.97 m ³			80.6 m ³ 7793
Challan Subm'pt	=	8495 m ³			
9.1 m 9.1 m 9.1 m		Assumed	09/06/23		
			AE		S.F. = 3135

Bill value \$ 25
Sch. XLV-Form No. 134 5,81,411

Memo of Payment

Continuation

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 and of Work with Maintenance for Sheikhpora Acha Path to Kamaibura (New MR-3054)					
Tender Group No: MR-N/22-23 Sheikhpora-02					
Agency: Sanjay Kumar Jachon & Co. Pvt. Ltd (S.K.T.P.C)					
At Indar Station Road					
Post Dist Sheikhpora					
Agreement No:- 20(MRD)/2022-23					
Agreement Value:-					
Contract Cost: 10341036.00					
5 Yrs maint. Cost: 1587215.00					
Total Cost Rs: 1192825.00					
Date of Commencement: 29.09.22					
Date of Completion: - 28.06.23					
Further measurement					
Nil					
 15.6.2023 					

Continuation

ABSTRACT OF COST

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/2) Clearing and grubbing Road lands item 1/2 V TMB					
P/20- 0.51 ha @ 59726.13/ha					
= Rs. 30460.00					
(2/3) Subgrade and bottom shoulder item 2/3 V TMB					
P/20- 1030.5 m ³ @ Rs 253.56/m ³					
= Rs. 261294.00					
(3/4) G.S.B Jct II item 3/4 V TMB					
P/20- 56.44 m ³ @ Rs 1574.27/m ³					
= Rs. 88852.00					
(4/5) W.B.M Jct II item 4/5 V TMB					
P/20- 42.85 m ² @ Rs 3420.49/m ²					
= Rs. 146568.00					
(5/6) W.B.M Jct III item 5/6 V TMB					
P/20- 83.54 m ² @ Rs 2969.92/m ²					
= Rs. 248107.00					
(6/7) Prime coat SS-1 item 6/7 V TMB					
P/20 1113.87 m ² @ 59.24/m ²					
= Rs. 65986.00					
(7/8) Patch work with mss item 7/8 V TMB					
P/20- 1113.87 m ² @ Rs 26245/m ²					
= Rs. 292335.00					
(8/9) Jack Coat SS-1 item 8/9 V TMB					
P/20- 4938.87 m ² @ Rs 20.16/m ²					
= Rs. 99568.00					
(9/10) S.D.B.C. item 9/10 V TMB					
P/20 45.63 m ² @ Rs. 13395.62/m ²					
Continuation Rs. 12,81,623.00					
Co Rs 2514193.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Bf Rs 25141.93.00
(10/11) J/c item 10/11 VtmB					
P/21	29.48 m ³				@ Rs 6149.40/m ³
					Rs 181284.00
(11/12) cc Pavement item 11/12 VtmB					
P/21					- 370.68 m ²
item 11/12 VtmB P/14					- 5772 m ²
					@ 7579.46 m ² = Rs 3247041.00
(12/13) p/b chd item 12/13 VtmB					
P/21	15 m				@ Rs 601.26 /m
					Rs 9019.00
(13/14) Kms stone item 13/14 VtmB					
P/21	3 nos				@ 2593.75 /each
					2Rs. 7781.00
(14/15) 20mm stone item 14/15 VtmB					
P/21	7 nos				@ Rs 734.87 /each
					2Rs 5144.00
(15/16) Direction and identification					
sign item 15/16 VtmB					
P/21	1.92 m ²				@ Rs 14776.47/m ²
					2Rs 28371.00
(16/17) 60mm circular curb sign item 16/17 VtmB					
P/21	17 nos				@ Rs 4209.66 /each
					Rs 72264.00
(17/18) 60mm circular sign item 17/18 VtmB					
P/21	20 nos				@ Rs 4211.74 /each
					Rs 84235.00

Wo. Rs 61,50,332.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF. Rs 6150.32.00
(18/19) 6m x 45mm. excavation ^{excavation} item ^{item} 18/19 V TMB					
P/22 5 nos @ Rs 4068.00/each					
					Rs. 20340.00
(19/20) 40mm octagonal sub ^{sub} board ^{board} item ^{item} 19/20 V TMB					
P/22 2 nos @ Rs 8512.74/each					
					Rs. 17025.48
(20/21) Boundary pillar item ^{item} 20/21 V TMB					
P/22 3 nos @ Rs 711.88/each					
					Rs. 2135.64
(21/25) Road marking in comp ^{comp} parent ^{parent} item ^{item} 21/25 V TMB P/22 - 110. m ²					
item 3/25 V TMB P/22 - 30. m ²					
					140. m ²
@ Rs 925.46/m ² Rs. 129564.40					
(22/24) Road marking in BT item ^{item} 22/24 V TMB					
P/22 200 m ² @ Rs 823.74/m ²					
					Rs. 164748.00
(23/26) Load ^{Load} main ^{main} project ^{project} item ^{item} 23/26 V TMB P/22 - 3 nos @ Rs 10695.00					
					Rs 32085.00
(24/27) E/W in excavation ^{excavation} item ^{item} 24/27 V TMB					
P/22 407.22 m ³ @ Rs 314.91/m ³					
					Rs. 128034.00
(25/28) P.C.M. (1:2:5) item ^{item} 25/28 V TMB					
P/22 219.00 m ³ @ Rs 6149.40/m ³					
					Rs. 1346719.00
(26/29) Painting ^{Painting} Continuation ^{Continuation} item ^{item} 26/29 V TMB					
P/22 - 74.68 m ² @ Rs 114.73/m ² Rs 8565.40					
					Rs. 8023605.40

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs. 8023605.00
(27/30) Sand filling item 25/30 V Tmb					
P/22 - 3.75 m ³ @ Rs 533.14/m ³					
Rs. 1999.00					
(28/31) Plain/R.C.C (mop) item 26/31 V Tmb					
P/23 256.95 m ³ @ Rs 7067.56/m ³					
Rs. 1816010.00					
(29/32) R.C. Mer Decks 196 item 27/32 V Tmb					
P/23 - 13.88 m ³ @ Rs 7581.81/m ³					
Rs. 104856.00					
(30/34) H.Y.S.D Bitumen between item 28/34 V Tmb					
P/23 - 2.28 MT @ 76862.39/MT					
Rs. 175246.00					
(31/35) Joint Sealing item 29/35 V Tmb					
P/23 - 45 m @ Rs 4497/m					
Rs. 2024.00					
(32/36) Weep holes item 30/36 V Tmb					
P/23 - 180 nos @ Rs 13048/each					
Rs. 23477.00					
Rs. 10147217.00					
Add @ 1% LC (+) Rs. 101472.00					
Add @ 18% GST (+) Rs. 1826499.00					
Add @ 10% SP (+) Rs. 73332.00					
Rs. 12148520.00					
Less @ 12.5% below as per agreement (-) Rs. 1544070.00					
Rs. 10604444.00					
Deduct Previous Payment Rs. 10072993.00					
Rs. 531451.00					

15-6-23
JP

Continuation
15-6-23
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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
This is to certify that all work item done as per technical specification and design. Work completed on Date 15-6-2023 and 5% Maintenance work is started from Date 16-6-2023.					
(Signature) 15.6.2023 [initials]			[Signature] 15-6-23 [initials]		