

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 Sheikhpora Acha Path				
	to Daudpur Etawa				
Tender Group No -	MR-N/22-23				
	- Sheikhpora-05				
Agency:	Sanjay Kumar Technocrats				
	Pvt. Ltd. (SKTAL)				
At -	Jindai, station Road				
P.O. + Distt -	Sheikhpora				

Agreement No - 19 (MBD)/2022-23

Agreement Value:

Constn Cost = Rs. 5920742.00

5% Maint. Cost = Rs. 518078.00

Total Cost = Rs. 6438820.00

Date of Commencement: 31.12.2022

Date of Completion: 03.09.2023

Date of Measurement:

2.2.2023 to 7.06.2023

Date of Entry: 7.06.2023

(1/37) Clearing and Grubbing roadland

 $2 \times 610.00 \times 1.25 = 1525.00 \text{ m}^2$ $1525.00 \text{ m}^2 \div 10000 = 0.15 \text{ hect}$

Continuation

Construction of 100 R.C. Slab
Culvert of 3 m span $\times$ 2 m
Vent height
@ start point

(4/156) E/W in excavation for foundation
Abutment: $2 \times 9.10 \times 2.30 \times 1.60 = 66.976 \text{ m}^3$
R/W - $4 \times 1.60 \times 2.117 \times 1.60 = 21.678 \text{ m}^3$
Floor Under Deck slab - $1 \times 7.70 \times 1.40 \times 0.25 = 2.695 \text{ m}^3$
 91.35 m^3

(5/161) Sand filling in foundation trenches
 $1 \times 7.70 \times 2.629 \times 0.10 = 2.02 \text{ m}^3$

(6/157) P/V P.C.C.M/S (1:2.5:3) in open foundation
Abutment: $2 \times 9.10 \times 2.30 \times 0.20 = 8.372 \text{ m}^3$
R/W - $4 \times 1.60 \times 2.117 \times 0.20 = 2.71 \text{ m}^3$
Floor Under Deck slab - $1 \times 7.70 \times 2.736 \times 0.150 = 3.16 \text{ m}^3$
 14.24 m^3

Continuation

Continuation

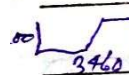
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				CP	$= 14.24 m^3$
Qty below GL					
Abutment:	2	8.30	1.80	1.40	$= 41.832 m^3$
R/W	4	1.60	1.617	1.40	$= 14.488 m^3$
					$70.56 m^3$

⑦/110 Plain/Rec M20 in Substructure

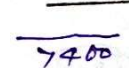
Abutment:	2	7.50	1.00	1.80	$= 27.00 m^3$
R/W	4	1.90	0.759	2.15	$= 12.394 m^3$
Abutment Cap:	2	7.50	0.70	0.20	$= 2.10 m^3$
Dist wall:	2	7.50	0.40	0.20	$= 1.80 m^3$
R/W Capping:	4	2.20	0.40	0.15	$= 0.528 m^3$
Parapet wall:	2	9.00	0.40	0.60	$= 4.32 m^3$
					$48.14 m^3$

⑧/115 S/F/P HYSD Bar reinforcement

Bottom Main Bar: $16 mm \phi @ 125 mm c/c$

 $61 \times 3.86 @ 1.58 kg/m = 372.02 kg$

Binder: $12 mm \phi @ 25 mm c/c$

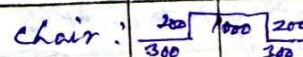
 $29 \times 7.40 \times 0.888 kg/m = 190.564 kg$

Top: $12 mm \phi @ 200 mm c/c$ 7400

$18 \times 7.40 \times 0.888 kg/m = 118.281 kg$

$12 mm \phi @ 200 mm c/c$ 3460

$38 \times 3.46 \times 0.888 kg/m = 116.754 kg$

Chair:  $16 mm \phi$

$25 \times 2.00 \times 1.58 kg/m = 79.00 kg$

Cap ring: $10 mm \phi @ 125 mm c/c$

 $2 \times 61 \times 2.42 \times 0.62 kg/m = 183.098 kg$

$10 mm$ Binder

$2 \times 12 \times 7.40 \times 0.62 kg/m = 110.112 kg$

Continuation

$1164.779 kg$

$= 1.16 MT$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9/164) A/r Laying Rect. 25 deck slab					
		12	7.50	3.56	$\times 0.30 = 8.01 m^3$
(10/160) Painting of Parapet wall					
Side:	4	9.00	0.60		$= 21.80 m^2$
Top:	2	9.00	0.40		$= 7.20 m^2$
Ends:	4	0.40	0.60		$= 0.96 m^2$
					<u>29.76 m²</u>
(11/167) A/r Weepholes					
	2	12	4	4	$= 40 nos$
(12/159) Brick Masonry work					
	2	6	0.40	0.60	$= 2.88 m^3$
(13/158) Plastering					
Side face:	4	6	0.80		$= 14.40 m^2$
Top -	2	6	0.40		$= 4.80 m^2$
Front face:	4	0.40	0.60		$= 0.96 m^2$
					<u>20.16 m²</u>
(14/166) Painting:					
	Qty same as Plastering = 20.16 m ²				
(15/140) Constn of GSB gr. I material					
	7	30	3.75	0.10	$= 78.75 m^3$
(16/141) P/L/S/C WBM gr. III					
	7	30	3.75	0.075	$= 59.06 m^3$
(17/142) Constn of D10					
	2	20	3.75	0.075	$= 11.25 m^3$
(18/143)	1	15	$\frac{5.50 + 3.75}{2}$	0.16	$= 11.10 m^3$
	4	30	3.75	0.16	$= 72.00 m^3$
	2	15	$\frac{4.50 + 3.75}{2}$	0.16	$= 19.80 m^3$
					<u>CD = 102.90 m³</u>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$BP = 102.90 m^3$
					$13 \times 30 \times 3.75 \times 0.16 = 54.00 m^3$
					$2 \times 15 \times \frac{4.00 + 3.75}{2} \times 0.16 = 18.60 m^2$
					$1 \times 30 \times 3.75 \times 0.16 = 18.00 m^2$
					$1 \times 12 \times \frac{4.00 + 3.75}{2} \times 0.16 = 7.44 m^3$
					$5 \times 30 \times 3.75 \times 0.16 = 90.00 m^3$
					$2 \times 15 \times \frac{4 + 3.75}{2} \times 0.16 = 18.60 m^3$
					$1 \times 26 \times 3.75 \times 0.16 = 15.60 m^3$
					$1 \times 18 \times \frac{10.90 + 3.75}{2} \times 0.16 = 21.10 m^3$
					$1 \times 10 \times \frac{3.75 + 5.10}{2} \times 0.16 = 7.08 m^3$
					$1 \times 22 \times \frac{2.00 + 2.50}{2} \times 0.16 = 11.44 m^3$
					$8 \times 18.5 \times \frac{2.50 + 3.30}{2} \times 0.16 = 8.58 m^3$
					$373.34 m^3$

Limit : 373.32 m³

(19/144) Supplying & P/V Cable duct

$$2 \times 2.50 = 5.00 m$$

(20/145) P/R km stone — 2 nos.

(21/146) P/R 200 m stone — 3 nos.

(22/147) Direction & Place identification Sign

$$2 \times 1.20 \times 0.80 = 1.92 m^2$$

(23/148) P/R 600 mm equilateral Δ sign

— 8 nos.

(24/149) P/R 600 mm Circular sign — 9 nos.

(25/150) P/R 600 x 450 mm rectangular sign

— 3 nos.

(26/151) P/R 900 mm Octagonal stop Board

— 01 nos.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27/152)	RCC M15	Boundary	Poller	-32m	
(28/154)	Road marking with hot				
	applied thermoplastic Compound				
	in cc Pavement				
	2X	54.8	X 0.10	=	109.20 m ²
	2X	64	X 0.10	=	12.80 m ²
					<u>122.00 m²</u>
(29/155)	P/R	logs of Maintenance Project			
				=	2 m ²


 7.6.2024
 JR

ABSTRACT OF COST

(V137) clearing and grubbing roadlands
item V137 VTRMB

P/1 - 0.15 hect. @ Rs. 62032.43/hect.
= Rs. 9305.00

Consent of embankment item 2/138 ✓ + 1 MB

$\rho_2 - 141.75 \text{ m}^3 @ \text{Rs. } 250.34/\text{m}^3$
 $= \text{Rs. } 35486.00$

3/139 Subgrade & earthen shoulder
Item 3/139 VTD 13

P/2 - 229.50 m³ @ Rs. 253.71/m³
= Rs. 58226.10

4/140 Const of GSB govt material
item 15/140 VTMBS

P/4 - $78.75 \text{ m}^3 @ \text{Rs. } 2082.24 / \text{m}^3$
= Rs. 163976.00

Continuation

C.O. Rs. 266,993.00

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
			B.P.Rs.	266993.00
(5/141) 123M ga. 10 item 16/141 VTM B				
P/4 - 59.06 m ³ @ Rs. 2918.33 / m ³				
			= Rs. 172357.00	
(6/142) D.L.C. item 17/142 VTM B				
P/4 - 11.25 m ³ @ Rs. 6521.55 / m ³				
			= Rs. 73367.00	
(7/143) cc Pavement item 18/143 VTM B				
P/5 - 373.32 m ³ @ Rs. 7997.76 / m ³				
			= Rs. 2985724.00	
(8/144) Pipe duct item 19/144 VTM B				
P/5 - 5 nos @ Rs. 599.43 / each				
			= Rs. 2997.00	
(9/145) KM stone item 20/145 VTM B				
P/5 - 2 nos @ Rs. 2752.51 / each				
			= Rs. 5505.00	
(10/146) 200M stone item 21/146 VTM B				
P/5 - 3 nos @ Rs. 803.58 / each				
			= Rs. 2411.00	
(11/147) Direction and Place identification				
Sign item 22/147 VTM B				
P/5 - 1.92 m ² @ Rs. 14848.50 / m ²				
			= Rs. 28509.00	
(12/148) 600mm equilateral A sign				
item 23/148 VTM B				
P/5 - 8 nos @ Rs. 4363.58 / each				
			= Rs. 34909.00	

C.O. Rs. 3572715.00

Continuation

3572772.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BR	Rs.	3572715
(13/149)	600 mm Circular Sign	item 24/149	VTMB		
P/S - 9 nos @ Rs. 4261.92 / each					
					= Rs. 38357.00
(14/150)	600 X 450 mm rectangular sign	item 25/150	VTMB		
P/S - 3 nos @ Rs. 4118.18 / each					
					= Rs. 12355.00
(15/151)	900 mm Octagonal Stop Board	item 26/151	VTMB		
P/S - 1 no @ Rs. 8562.92 / each					
					= Rs. 8563.00
(16/152)	Boundary Pillar	item 27/152	VTMB		
P/S - 32 nos @ Rs. 759.83 / each					
					= Rs. 24315.00
(17/154)	Road marking in cc	item 28/154	VTMB		
P/S - 122.00 m ² @ Rs. 926.40 / m ²					
					= Rs. 113021.00
(18/155)	Logo of Maintenance Project	item 29/155	VTMB		
P/S - 2 nos @ Rs. 10895.28 / each					
					= Rs. 21791.00
(19/156)	E/W in excavation	item 30/156	VTMB		
P/S - 91.35 m ³ @ Rs. 326.71 / m ³					
					= Rs. 29845.00
(20/157)	PCC M 15 (1:2:5:5)	item 31/157	VTMB		
P/S - 70.56 m ³ @ Rs. 6521.55 / m ³					
					= Rs. 460166.00
					<u>C.D. Rs. 428126.00</u>
					42,81,26.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BA: Rs.	4281/126
(21/158) Plastering item 13/158 VTM B					
P/4 - 2016 m ² @ Rs. 181.01 / m ²					
				= Rs.	3649.00
(22/159) Brick Masonry Work item 12/159 VTM					
P/4 - 2.88 m ³ @ Rs. 5886.85 / m ³					
				= Rs.	16954.00
(23/160) Painting					
item 10/160 VTM B P/4 = 29.76 m ²					
item 11/160 VTM B P/4 = 20.16 m ²					
				49.92 m ²	
@ Rs. 116.86 / m ² = Rs. 5834.00					
(24/161) Sand filling item 5/161 VTM B					
P/2 - 2.02 m ³ @ Rs. 539.02 / m ³					
				= Rs.	1089.00
(25/162) Plain / RCC (M20) item 7/162 VTM B					
P/3 - 48.14 m ³ @ Rs. 7545.80 / m ³					
				= Rs.	363255.00
(26/163) RCC M25 Deck slab item 9/163 VTM B					
P/4 - 801 m ³ @ Rs. 8170.77 / m ³					
				= Rs.	65448.00
(27/165) HYSD Bar reinforcement item 8/165 VTM B					
P/3 - 1.16 MT @ Rs. 99723.99 / MT					
				= Rs.	115680.00
(28/167) Weep holes item 11/167 VTM B					
P/4 - 40 nos @ Rs. 132.11 / each					
				= Rs.	5284.00
C.D. Rs.					4858319.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.P. Rs. 4858319.2
Add @ 18% GST	4)				Rs. 874497.00
Add @ 1% LC	4)				Rs. 48583.00
Add @ 10% SP					
E/W: 462.60 m ³ @ Rs. 3.51 = Rs. 1624.00					
G.S.B : 78.75 m ³ @ Rs. 49.04 = Rs. 3862.00					
W.B.M : 59.06 m ³ @ Rs. 63.74 = Rs. 3764.00					
CC : 373.32 m ³ @ Rs. 57.11 = Rs. 21320.00					
P.C.C : 70.56 m ³ @ Rs. 46.54 = Rs. 3284.00					
Plastering: 20.16 m ² @ Rs. 16.89 = Rs. 341.00					
Brick Masonry: 2.88 m ³ @ Rs. 6.24 = Rs. 18.00					
Sand Filling: 2.02 m ³ @ Rs. 14.02 = Rs. 28.00					
Plain R.C.C: 48.14 m ³ @ Rs. 53.91 = Rs. 2595.00					

RCCMS : 8.01 m³ @ Rs. 58.64 = Rs. 470.00
deck slab

Total S.F = Rs. 57306.00

Rs. 5818705.00

Less @ 0.09% below as per agreement (-) Rs. 5237.00

Rs. 5813468.00

7.6.2022
JE

02/06/23
AE

CLP
02.06.23

Material statement

E/W = 462.60 m³

Stone Aggregate: 142.07 m³

Coarse Sand: 264.78 m³

Stone Screening: 14.17 m³

Stone chips: 443.00 m³

Bricks: 1440 nos.

Royalty

Rs. 15266.00

Rs. 21311.00

Rs. 1176.00

Rs. 66450.00

Rs. 65.00

Rs. 104268.00

7.6.2022
JE

02/06/23
AE

CLP
02.06.23

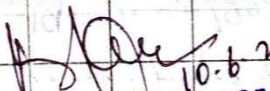
Received allotment from B.R.D.A, Patna vide
 letter No - 84, dt. 08.06.2023 Rs. 58,20,742 -
 Bill value Rs. 58,13,533 -

11

Sch. XLV-Form No. 134

Memo of Payment

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
	<u>34 R/A Bill</u>				
1. Tax @ 2%.				Rs 116271.-	
C.GST @ 1%.				Rs 58136.-	
S.GST @ 1%.				Rs 58136.-	
U.Cess @ 1%.				Rs 58136.-	
Royalty				Rs 104268.-	
S. Fees				Rs 37306.-	
S.D. @ 5%.				Rs 290677.-	
By cheque value				Rs 50,90,603.-	
Total Bill Value				Rs 58,13,533.-	
Passed for Rs. 58,13,533- (Rupees					
Fifty eight lacs thirteen thousand					
five hundred thirty three only					


 Executive Engineer
 Rural Works Department
 Works Division, Sheikhpura

86
 10/06/23

10/06/23

10/06/23

Tor N. - PNG 20220602/486
 u d - 14/06/23

Final Bill & Not Bill

12

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 Sheikh Pura					
Arha to Path to Daudpur station					
Tender Group:- MR-N/2022-23					
Sheikhpura-05					
Agency:- Sanjay Kumar Techno					
Pvt.-Ltd (S.K.T.P.)					
At- Indai, Station Road,					
Post-Dist- Sheikhpura					
Agreement No- 190 (M.B.O)/2022-23					
Agreement Value					

Constn Cost = Rs 5920742.00

5 Years maintenance cost: 518078.00

Total cost = 6438820.00

Date of Commencement: 31.12.2022

Date of Completion: 3.9.23

Further Measurement

M/L

15.6.2023

Continuation

ABSTRACT OF COST

13

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/137) clearing and grubbing item 1/137 V TMB					
P/B - 0.15 hect @ Rs 62032.48/hect					
					= Rs. 9305.10
(2/138) Const of Embankment item 2/138 V TMB					
P/B - 141.75 m ³ @ Rs 25034/m ³					
					= Rs 35486.10
(3/139) Subgrade and earthwork shoulder item 3/139 V TMB					
P/B - 229.50 m ³ @ Rs 253.71/m ³					
					= Rs. 58226.10
(4/140) Const of C.S.R. side II item 4/140 V TMB					
P/B - 78.75 m ³ @ Rs 2082.24/m ³					
					= Rs 163976.10
					C.O.R.D. 2,66,993.10
					B.F. Rs. 2,66,993.10
(5/141) W.B.M. side II item 5/141 V TMB					
P/B - 59.06 m ³ @ Rs 2918.33/m ³					
					= Rs. 172327.10
(6/142) D.L.C. item 17/142 V TMB					
P/B - 11.25 m ³ @ Rs 6521.55/m ³					
					= Rs. 73367.10
(7/143) cc Pavement item 18/143 V TMB					
P/B - 393.32 m ³ @ Rs. 7977.76/m ³					
					Rs. 29,85,724.10

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8/144) Pipe duct item 19/144 V TMB					
P/7- 5 nos @ Rs 599.43/each					
= Rs 2997.15					
(9/145) 1cm stone item 20/145 V TMB					
P/7- 2 nos @ Rs 2752.51/each					
= Rs 5505.02					
(10/146) 200mm stone item 21/146 V TMB					
P/7- 3 nos @ Rs 803.58/each					
= Rs 2411.00					
(11/147) Direction and place identification sign item 22/147 V TMB					
P/7- 1.92 m ² @ Rs 14848.00					
= Rs 28509.76					
(12/148) 600mm equilateral sign item 23/148 V TMB					
P/7- 8 nos @ Rs 4363.58/each					
= Rs 34908.64					
(13/149) 600mm circular sign item 24/149 V TMB					
P/8- 9 nos @ Rs 4261.92/each					
= Rs 38357.28					
(14/150) 600x450mm rectangular sign item 25/150 V TMB					
P/8 3 nos @ Rs 4118.18/each					
= Rs 12354.54					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15/151) 940 mm Octagonal slab Boulder item 26/151 V TMB					
P/8- 1 nos @ Rs 8562.92/each					
2 Rs 8563.00					V TMB
(16/152) Boundary Pillar item 27/151					
P/8- 2 nos @ Rs. 754.83/each					
2 Rs. 24315.10					V TMB
(17/154) Road marking in cement 28/154					
P/8- 122.00 m ² @ Rs 926.40/m ²					
2 Rs. 113021.10					
(18/155) Logo maintenance Reobject item 29/155 V TMB					
P/8- 2 nos Rs. 10895.28/each					
Rs. 21791.00					
(19/156) E/W in excavation item 4/156 V TMB					
P/8- 91.35 m ³ @ Rs 326.71/m ³					
2 Rs 29845.00					
(20/157) P.C.C m 15 (1:2.5:5) item 6/157 V TMB					
P/8- 70.56 m ³ @ Rs 6521.57/m ³					
Rs. 460161.00					
C.O Rs 4281180.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. Rs. 428.180
(24/158) Plastering item 13/158 VTM B					
P/q. 20.16 m ² @ Rs 181.01/m ²					
					2 Rs. 3649.00
(24/159) Brick masonry item 12/159 VTM B					
P/q. 2.88 m ³ @ Rs 5886.85/m ³					
					2 Rs. 16954.00
(23/160) Painting					
item 10/160 VTM B P/q 29.76 m ²					
item 14/160 VTM B P/q 20.16 m ²					
					49.92 m ²
@ Rs 116.86/m ²					
					Rs. 5834.00
(24/161) Sand filling item 5/161 VTM B					
P/q. 2.02 m ³ @ Rs 539.02/m ³					
					Rs. 1089.00
(25/162) Plain/R.C.C (m ²) item 7/162 VTM B					
P/q. 48.14 m ² @ Rs 7545.86/m ²					
					2 Rs 363255.00
(26/164) R.C.C m ² Deck slab item 9/164 VTM B					
P/q - 801 m ³ @ Rs 8176.77/m ³					
					Rs. 65448.00
(27/165) HYSD Bar reinforcement					
item 8/165 VTM B					
P/q 1.16 m ² @ Rs. 99723.99/m ²					
					Rs. 115686.00
(28/166) Ulepholes item 11/167 VTM B					
P/q. 40 nos @ Rs 132.11/each					
					Continuation Rs. 5284.00
					Co Rs. 4858373.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BA Rs.	4858378.00	
Add @ 18% GST	(H) Rs.			874507.00	
Add @ 1% LC	(H) Rs.			48584.00	
Add @ 10% SF	(H) Rs.			37306.00	
				Rs. 5818770.00	
Less @ 0.29% below scope agreement	(H) Rs.			52372.00	
				Rs. 5813533.00	
Deduct Previous Payment	(H) Rs.			5813533.00	
				Nil	

15.06.2023

15-06-23

This is to certify that
all work item done as per technical
specification and designer. Work
Completed on Date: 15-06-2023
5% Maintenance work is started
from Date: 16-06-2023.

15.06.2023

15-06-23