

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.	
<u>Ist on A/c Bill</u>					
Name of work- Construction of Road					
from L032 To Bengucha.					
Contractor - Sanjay Kumar Technocrats					
Private Limited					
At- Indray Station Road					
Post + Dist - Shreekh Pura.					
Agreement No - 35 (M.B.D)/2022-2023					
Agreement value -					
Construction cost Rs 83,41,230/-					
Maintenance cost Rs 26,05,112/-					
Rs 109,46,342/-					
Date of Commencement 27-01-2023					
Date of completion 26-10-2023					
Rate Quoted - 0.09% Below.					
Sanctioned length of Road = 2050 meters.					
(1/40) clearing and					
Grubbing Road					
land (By manual					
means)					
2 5 30 1.00 = 300.00					
2 4 30 0.90 = 216.00					
2 6 30 1.10 396.00					

CO. 912.00 m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F	912.00 m ²
	2	7	30	0.90	378.00 m ² 504.00 m ²
	2	9	30	1.00	540.00 m ²
	2	5	30	1.15	345.00
	2	6	30	1.00	360.00
	2	4	30	1.25	300.00
	2	8	30	0.95	456.00
	2	3	30	1.00	180.00
	2	1	15	1.00	30.00
					3501 m ²
	3501				0.35 Hect
	10,000				

2 43	Granular sub-				
	base Gx II with				
	well graded				
	material.				
	1	3.00	1.70	0.150	= 0.77 m ²
	1	4.00	1.80	0.150	= 1.08 m ²
	1	3.0	1.90	0.150	= 0.86
	1	6.0	1.70	0.150	= 1.53
	1	3.00	1.50	0.150	= 0.68
	1	5.00	1.40	0.150	= 0.105
	1	6.0	1.60	0.150	= 0.144
	1	3.0	1.70	0.150	= 0.77
	1	4.0	1.80	0.150	= 0.108
	1	5.0	1.90	0.150	= 0.143

CD. 10.69 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			A.F.		10.69 m ³
	1	3.0	1.90	0.150	0.86
	1	6.0	1.60	0.150	1.44
	1	4.0	1.70	0.150	0.92
	1	3.0	1.60	0.150	0.72
	1	4.0	2.00	0.150	1.20
	1	6.0	1.40	0.150	1.26
	1	7.0	2.00	0.150	2.10
	1	5.0	1.20	0.150	0.90
	1	3.0	1.90	0.150	0.86
	1	6.0	2.20	0.150	1.98
	1	4.0	2.40	0.150	1.44
	1	3.0	2.50	0.150	1.13
	1	4.0	2.20	0.150	1.32
	1	5.0	2.70	0.150	2.03
	1	7.0	1.60	0.150	1.68
	1	6.0	1.30	0.150	1.17
	1	7.0	1.40	0.150	1.47
	1	6.0	1.40	0.150	1.26
	1	7.0	1.80	0.150	1.89
	1	8.0	1.90	0.150	2.28
	1	9.0	2.10	0.150	2.84
	1	10.0	2.20	0.150	3.30
	1	6.0	1.80	0.150	1.62
	1	7.0	1.80	0.150	1.89
	1	3.0	1.90	0.150	0.86
	1	4.0	2.10	0.150	1.26

50.47 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	50.47 m ²
	1	5.0	2.20	0.150	1.65
	1	9.0	1.50	0.150	2.03
	1	10.0	1.40	0.150	2.10
	1	7.0	1.60	0.150	1.68
	1	8.0	1.70	0.150	2.04
	1	9.0	1.80	0.150	2.43
	1	9.0	1.00	0.150	1.35
	1	8.0	1.60	0.150	1.92
	1	4.0	1.90	0.150	1.14
	1	7.0	1.60	0.150	1.68
	1	6.0	1.10	0.150	0.99
	1	3.0	1.70	0.150	0.77

	1	4.0	2.10	0.150	1.26
	1	3.0	1.20	0.150	0.54
	1	5.0	2.30	0.150	1.73
	1	2.0	1.90	0.150	0.57
	1	8.0	1.50	0.150	1.80
	1	7.0	2.00	0.150	2.10
	1	8.0	1.60	0.150	1.92
	1	7.0	1.30	0.150	1.37
	1	4.0	1.10	0.150	0.66
	1	7.0	2.00	0.150	2.10
	1	3.0	1.70	0.150	0.77
	1	4.0	1.80	0.150	1.08
	1	4.0	1.50	0.150	0.90
	1	4.0	1.60	0.150	0.96 m ³

Co. 88.01 m³

Continuation

Co. 6.11 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.f		6.11 m ³
	1	6.0	1.70	0.075	0.77
	1	4.0	1.80	0.075	0.54
	1	3.0	1.70	0.075	0.38
	1	4.0	2.10	0.075	0.63
	1	6.0	1.50	0.075	0.68
	1	7.0	2.10	0.075	1.10
	1	5.0	1.30	0.075	0.49
	1	3.0	2.00	0.075	0.45
	1	6.0	2.30	0.075	1.04
	1	4.0	2.50	0.075	0.75
	1	3.0	2.60	0.075	0.59
	1	4.0	2.30	0.075	0.69

	1	5.0	2.80	0.075	1.05
	1	7.0	1.70	0.075	0.89
	1	6.0	1.40	0.075	0.63
	1	7.0	1.50	0.075	0.79
	1	6.0	1.50	0.075	0.68
	1	7.0	1.90	0.075	1.00
	1	8.0	2.00	0.075	1.20
	1	9.0	2.20	0.075	1.49
	1	10.0	2.30	0.075	1.73
	1	6.0	1.90	0.075	0.86
	1	7.0	1.90	0.075	1.00
	1	3.0	2.00	0.075	0.45
	1	4.0	2.20	0.075	0.66
	1	5.0	2.30	0.075	0.86 m ³

Co 27.51 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	27.51 m ²
	1	9.0	1.60	0.075	0.08
	1	10.0	1.50	0.075	1.13
	1	7.0	1.70	0.075	0.89
	1	8.0	1.80	0.075	1.08
	1	9.0	1.90	0.075	1.28
	1	9.0	1.10	0.075	0.74
	1	8.0	1.70	0.075	1.02
	1	4.0	2.00	0.075	0.60
	1	7.0	1.70	0.075	0.89
	1	6.0	1.20	0.075	0.54
	1	3.0	1.80	0.075	0.41
	1	4.0	2.20	0.075	0.66
	1	3.0	1.30	0.075	0.29
	1	5.0	2.40	0.075	0.90
	1	2.00	2.00	0.075	0.30
	1	8.0	1.60	0.075	0.96
	1	7.0	2.10	0.075	1.10
	1	8.0	1.70	0.075	1.02
	1	7.0	1.40	0.075	0.74
	1	4.0	1.20	0.075	0.36
	1	7.0	2.10	0.075	1.10
	1	3.0	1.80	0.075	0.41
	1	4.0	1.90	0.075	0.57
	1	4.0	1.60	0.075	0.48
	1	4.0	1.70	0.075	0.51
	1	6.0	1.90	0.075	0.86

C0. 47.43 m²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B. f		47.43 m ³
	1	4.0	1.60	0.075	0.48
	1	5.0	1.90	0.075	0.71
	1	5.0	1.40	0.075	0.53
	1	9.0	1.60	0.075	1.08
	1	10.0	1.70	0.075	1.28
	1	9.0	2.10	0.075	1.42
	1	8.0	2.50	0.075	1.50
	1	6.0	2.70	0.075	1.22
	1	8.0	2.20	0.075	1.32
	1	9.0	2.30	0.075	1.55
	1	8.0	2.40	0.075	1.44
	1	7.0	1.80	0.075	0.95
	1	8.0	1.60	0.075	0.96
	1	5.0	1.90	0.075	0.71
	1	9.0	2.10	0.075	1.42
	1	10.0	2.20	0.075	1.65
	1	8.0	1.80	0.075	1.08
	1	11.0	1.80	0.075	1.49
	1	9.0	1.90	0.075	1.28
	1	8.0	2.10	0.075	1.26
	1	9.0	2.20	0.075	1.49
	1	7.0	1.50	0.075	0.79
					72.95 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4 45 W. B. M. Grading Providing layer spreading and compacting stone aggregates of specific sizes.					
	1	3.00	1.80	0.075	0.41 m ³
	1	4.0	1.90	0.075	0.57 m ³
	1	3.0	2.00	0.075	0.45 m ³
	1	6.0	1.80	0.075	0.81 m ³
	1	3.00	1.80	0.075	0.36
	1	5.0	1.50	0.075	0.56
	1	6.0	1.70		
	1	6.0	1.70	0.075	0.77
	1	3.0	1.80	0.075	0.41
	1	4.0	1.90	0.075	0.57
	1	5.0	2.00	0.075	0.75
	1	3.0	2.00	0.075	0.45
	1	6.0	1.70	0.075	0.77
	1	4.0	1.80	0.075	0.54
	1	3.0	1.70	0.075	0.38
	1	4.0	2.10	0.075	0.63
	1	6.0	1.50	0.075	0.68
	1	7.0	2.10	0.075	1.10
	1	5.0	1.30	0.075	0.49
	1	3.0	2.00	0.075	0.45
	1	6.0	2.30	0.075	1.04

CO. 12.19 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F	12.19 m ³
	1	4.0	2.50	0.075	0.75
	1	3.0	2.60	0.075	0.59
	1	4.0	2.30	0.075	0.69
	1	5.0	2.80	0.075	1.05
	1	7.0	1.70	0.075	0.89
	1	6.0	1.40	0.075	0.63
	1	7.0	1.50	0.075	0.79
	1	6.0	1.50	0.075	0.68
	1	7.0	1.90	0.075	1.00
	1	8.0	2.00	0.075	1.20
	1	9.0	2.20	0.075	1.49
	1	10.0	2.30	0.075	1.73
	1	6.0	1.90	0.075	0.86
	1	7.0	1.90	0.075	1.00
	1	3.0	2.00	0.075	0.45
	1	4.0	2.20	0.075	0.66
	1	5.0	2.30	0.075	0.86
	1	9.0	1.60	0.075	1.08
	1	10.0	1.50	0.075	1.13
	1	7.0	1.70	0.075	0.89
	1	8.0	1.80	0.075	1.08
	1	9.0	1.90	0.075	1.28
	1	9.0	1.10	0.075	0.74
	1	8.0	1.70	0.075	1.02
	1	4.0	2.00	0.075	0.60
	1	7.0	1.70	0.075	0.89

C.O. 36.22 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	Nó.	L.	B.	D.	
				B.F	36.22 m ³
	1	6.0	1.20	0.075	0.54
	1	3.0	1.80	0.075	0.41
	1	4.0	2.20	0.075	0.66
	1	3.0	1.30	0.075	0.29
	1	5.0	2.40	0.075	0.90
	1	2.0	2.00	0.075	0.30
	1	8.0	1.60	0.075	0.96
	1	7.0	2.10	0.075	1.10
	1	8.0	1.70	0.075	1.02
	1	7.0	1.40	0.075	0.74
	1	4.0	1.20	0.075	0.36
	1	7.0	2.10	0.075	1.10
	1	3.0	1.80	0.075	0.41
	1	4.0	1.90	0.075	0.57
	1	4.0	1.60	0.075	0.48
	1	4.0	1.70	0.075	0.51
	1	6.0	1.90	0.075	0.86
	1	4.0	1.60	0.075	0.48
	1	5.0	1.90	0.075	0.71
	1	5.0	1.40	0.075	0.53
	1	9.0	1.60	0.075	1.08
	1	10.0	1.70	0.075	1.28
	1	9.0	2.10	0.075	1.42
	1	8.0	2.50	0.075	1.50
	1	6.0	2.70	0.075	1.22
	1	8.0	2.20	0.075	1.32
					CO. 56.97 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F	56.97 M ³
	1	9.00	2.30	0.075	01.55
	1	8.0	2.40	0.075	1.44
	1	7.0	1.80	0.075	0.95
	1	8.0	1.60	0.075	0.96
	1	5.0	1.90	0.075	0.71
	1	9.0	2.10	0.075	1.42
	1	10.0	2.20	0.075	1.65
	1	8.0	1.80	0.075	1.08
	1	11.0	1.80	0.075	1.49
	1	9.0	1.90	0.075	1.28
	1	8.0	2.10	0.075	1.26
	1	9.0	2.20	0.075	1.49
	1	7.0	1.50	0.075	0.79
	1	3.0	1.70	0.075	0.38
	1	5.0	1.30	0.075	0.49
	1	6.0	1.40	0.075	0.63
	1	4.0	1.60	0.075	0.48
	1	5.0	1.70	0.075	0.64
	1	3.0	1.90	0.075	0.43
	1	6.0	1.80	0.075	0.81
	1	5.0	1.10	0.075	0.83
	1	4.0	1.50	0.075	1.80
	1	3.0	1.60	0.075	0.36
	1	2.0	1.30	0.075	0.20
	1	4.0	1.90	0.075	1.71
	1	3.0	1.40	0.075	0.32

C.O. 82.12 M³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F	82.12 m ³
	1	7.0	1.60	0.075	2.52
	1	6.0	1.90	0.075	0.86
	1	7.0	1.70	0.075	0.89
	1	6.0	1.90	0.075	1.71
	1	6.0	1.20	0.075	0.54
	1	5.0	1.90	0.075	0.71
	1	6.0	1.80	0.075	0.81
	1	5.0	1.50	0.075	0.56
	1	6.0	1.10	0.075	0.50
	1	7.0	1.70	0.075	0.89
	1	8.0	1.90	0.075	1.11
	1	9.0	1.80	0.075	1.22
	1	5.0	2.00	0.075	0.75
	1	6.0	2.30	0.075	1.04
	1	7.0	2.40	0.075	1.26
	1	8.0	1.90	0.075	1.14
	1	9.0	1.70	0.075	1.15
	1	6.0	2.20	0.075	0.99
	1	5.0	1.80	0.075	0.68
	1	6.0	1.80	0.075	0.81
	1	5.0	1.90	0.075	0.71
	1	6.0	2.10	0.075	0.95
	1	7.0	2.20	0.075	1.16
	1	8.0	1.50	0.075	0.90
	1	6.0	1.40	0.075	0.63
	1	7.0	1.60	0.075	0.84

C.D. 107.48 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				b.f	107.48 m ³
	1	5.0	1.70	0.075	0.64
	1	7.0	1.80	0.075	0.95
	1	9.0	2.00	0.075	1.35
	1	5.0	1.90	0.075	0.71
	1	8.0	2.10	0.075	1.26
	1	4.0	1.60	0.075	0.48
	1	7.0	2.40	0.075	1.26
	1	8.0	1.70	0.075	1.02
	1	9.0	1.20	0.075	0.81
					115.96 m ³

Construction of H.P. Culvert
at Chainage 257m & 610m

(5/65)

Earth work in

excavation for

foundation of structure

H.W. 2 6.45 1.40 1.50 = 27.09 m³

Below Pipe 1 4.85 1.53 0.365 = 2.708 m³

= 29.80 m³

for 2 Nos 2 x 29.80 = 59.60 m³

(6/66)

Boulding M15 [P.L.L

1:2.5:5] as Levelling

Course in Foundation

H.W. 2 6.45 1.40 0.15 = 2.71 m³

Below Pipe 1 4.93 1.53 0.25 = 0.89 m³

= 4.60 m³

Less for H. Pipe

0.250 x 0.7857 x (1.23)² x 5.50 (x 1.64) m³

Continuation

for 2 Nos 2 x 2.96 = 05.92 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ 67	Paving and laying R.C.C. pipe N.P. for Culvert 1000 mm dia				
		3 x 2.50 m		7.50 m	
for 2 nos	2 x	7.50 m			= 15.00 m
⑧ 71/68	P.C.C. M20 in Foundation and Substructure				
U.W	2	6.15	$\frac{1.257}{2}$	0.40	3.28 = 33.283 m ³
Parapet	2	6.15	0.400	0.600	= 02.952 m ³
less for pipe					= 36.235 m ³
	2 x	$\frac{\pi}{4}$	(1.23) ²	0.622 (-)	= 01.478 m ³
					= 27.80 m ³
					34.757
for 2 nos	2 x	34.757			= 69.514 m ³

Construction of Parapet wall of old Hume Pipe Culvert

⑨
69

Costs on new

⑨
70

Brick masonry in

	C.M.	(1:3)	in Parapet		01.47 m ³
At CH 16m	2	6.15	0.40	0.30	= 0.295 m ³
At CH 770m	2	6.15	0.40	0.30	= 01.47 m ³
At CH 890m	2	6.15	0.40	0.30	= 01.47 m ³
At CH 1010m	2	6.15	0.40	0.30	= 01.47 m ³
At CH 1124m	2	6.15	0.40	0.30	= 01.47 m ³
At CH 1290m	2	6.15	0.40	0.30	= 01.47 m ³
At CH 1390m	2	6.15	0.40	0.30	= 01.47 m ³

Sanctioned
Limited & Ready
Estimation

= 10.29 m³
= 7.40 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10 46 Prime coat (Low Porosity) Bonding and applying Primer coat with bitumen emulsion (SS-1) on Prepared surface					
Area vide Gr III in					
B. T. Portion. Table					
115.96				(14)	$= 1546.13 \text{ m}^2$
0.075					

(11) 48	Tack Coat Boarding and applying Tack Coat with bitumen emulsion
Same area as Prime Area = 1546.13 m^2	
(12) 47	Mix Seal Surface Type B with work plastic
Same area as Tack area = 1546.13 m^2	

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(13) 48	Tack coat Bridging and applying Tack coat with Bitumen emulsion				
	1	5	$\frac{12.00 + 5.70}{2}$		= 44.25
	1	5	$\frac{5.70 + 3.75}{2}$		= 23.62
	22	30	$\frac{3.75 + 3.75}{2}$		= 2475.00
	1	10	$\frac{3.75 + 3.75}{2}$		= 37.50
	1	5	$\frac{3.75 + 4.00}{2}$		= 19.37
	1	5	$\frac{4.00 + 3.75}{2}$		= 19.37
	34	30	$\frac{3.75 + 3.75}{2}$		= 3825 m
	1	15	$\frac{3.75 + 3.75}{2}$		= 56.25 m ²
extra at CH 510 m	1	9	$\frac{3.75 + 3.75}{2}$		= 33.75 m ²
					= 6534.11 m ²
(14) 49	Semi Dense Bituminous concrete				
	1	5	$\frac{12.00 + 5.70}{2}$	0.025	= 1.10
	1	5	$\frac{5.70 + 3.75}{2}$	0.025	= 0.59
	22	30	$\frac{3.75 + 3.75}{2}$	0.025	= 61.88
	1	10	$\frac{3.75 + 3.75}{2}$	0.025	= 0.94
	1	5	$\frac{3.75 + 4.00}{2}$	0.025	= 0.48
	1	5	$\frac{4.00 + 3.75}{2}$	0.025	= 0.48
	34	30	$\frac{3.75 + 3.75}{2}$	0.025	= 95.62
	1	15	$\frac{3.75 + 3.75}{2}$	0.025	= 01.410
extra at CH 510 m	1	9	$\frac{3.75 + 3.75}{2}$	0.025	= 0.84
					16334 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15/50) Dry Lean Cement Concrete Construction of dry Lean Cement Concrete					
15	0.30	0.30	0.075	0.101	
14	0.25	0.20	0.075	0.052	
16	0.20	0.20	0.075	0.048	
17	0.15	0.15	0.075	0.029	
19	0.20	0.15	0.075	0.042	
15	0.30	0.25	0.075	0.084	
16	0.30	0.20	0.075	0.072	
24	0.25	0.25	0.075	0.112	
28	0.30	0.25	0.075	0.157	
27	0.45	0.40	0.075	0.364	
15	0.40	0.30	0.075	0.135	
16	0.35	0.30	0.075	0.126	
29	0.25	0.25	0.075	0.136	
24	0.30	0.20	0.075	0.108	
28	0.35	0.20	0.075	0.147	
27	0.40	0.20	0.075	0.162	
9	1.00	1.00	0.075	0.675	
8	0.90	0.90	0.075	0.486	
4	0.80	0.80	0.075	0.192	
9	0.70	0.70	0.075	0.33	
11	0.75	0.75	0.075	0.46	
10	0.85	0.85	0.075	0.541	
Total Qty.					04.559 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16/51) Construction of Unreinforced cement concrete pavement 2130					
9 30		$\frac{3.75 + 3.75}{2}$	3.75	0.160	162.00
1 25		$\frac{3.75 + 3.75}{2}$	3.75	0.160	15.00
1 5		$\frac{3.75 + 4.00}{2}$	4.00	0.160	03.10
1 5		$\frac{4.00 + 4.50}{2}$	4.50	0.160	03.40
1 5		$\frac{4.50 + 3.90}{2}$	3.90	0.160	03.36
1 5		$\frac{3.90 + 3.90}{2}$	3.90	0.160	03.12
1 5		$\frac{3.90 + 4.30}{2}$	4.30	0.160	03.28
1 5		$\frac{4.30 + 4.93}{2}$	4.93	0.160	03.69
					196.95 m ³
(17/68) Plastering with cement mortar (1:4) on brick work in sub-structure.					
Inside	2	6.15	0.60		= 07.38
Top	2	6.15	0.40		= 04.92
side	2	2	0.40	0.60	= 0.96
					= 13.26 m ²
for 8 Nos 8 x 13.26 = 106.08 m ²					
Limited sanctioned Qty = 103.20 m ²					
(18/69) Painting two coats on new concrete surface and plastering over brick work					

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Inside	2	6.15	0.60	0.60	$= 07.38 \text{ m}^2$
Top	2	6.15	0.40		$= 04.92 \text{ m}^2$
Side	2x2	0.40	0.60		$= 0.96 \text{ m}^2$
					$= 13.26 \text{ m}^2$
for 10 Nos [2nd New H.P. Culvert and 8 Nos Old H.P. Culvert]					
$10 \times 13.26 \text{ m}^2 = 132.60 \text{ m}^2$					
limited sanctioned qty = 131.00 m ²					

(19/41) Construction of
Embankment with
Material obtained
from Borrow Pits

2	16	30	1.10	0.25	$= 264 \text{ m}^3$
2	15	30	0.90	0.25	$= 202.50 \text{ m}^3$
2	14	30	1.00	0.25	$= 210.00 \text{ m}^3$
2	12	30	0.95	0.25	$= 171.00 \text{ m}^3$
2x15x15	2.00	0.25			$= 15.00 \text{ m}^3$
					862.50 m^3

(20/42) Construction of
Subgrade and earthen
Shoulders

for C.C. Road	2x	3	30	0.550	0.200	$= 19.80 \text{ m}^3$
	2x	4	30	0.500	0.200	$= 24.00 \text{ m}^3$
	2	3	30	0.450	0.200	$= 16.20 \text{ m}^3$
	2	1	25	0.500	0.200	$= 05.00 \text{ m}^3$

CO 65.00 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F		65.00 m ²
For B.T. Road					
2	20	30	1.10	0.300	396.00 m ²
2	19	30	1.20	0.300	410.40 m ²
2	18	30	1.05	0.300	340.20
2	1	15	1.90	0.300	17.10
					= 1228.70 m ²
($\frac{24}{52}$)	Boring and fixing				
	Km stone —				03 Nos
($\frac{22}{53}$)	Boring and				
	fixing 200m stone				08 Nos
($\frac{23}{54}$)	direction and place				
	identification				
	2	1.20	0.80		= 01.92 m ²
($\frac{24}{55}$)	Boring and fixing				
	600mm equilateral triangle				05 Nos.
($\frac{25}{56}$)	Boring and				
	fixing 600mm				
	circular				04 Nos.
($\frac{26}{57}$)	Boring and fixing				
	600mm x 450mm				
	Rectangular				04 Nos.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27/58) Boring and fixing 900 mm octagon steel Board					0.1705
(28/59) Boring and fixing Boundary Pillar / Gaud Pillar					0.1705
(29/62) Road Marking with Hot applied Thermo Plastic compound on Bituminous Surface					
	2	57	30	0.100	$= 342.00 \text{ m}^2$
	2	1	15	0.100	$= 03.00 \text{ m}^2$
					$= 345.00 \text{ m}^2$
(30/63) Road Marking with Hot applied Thermo Plastic Compound on Concrete Surface					
	2	10	30.00	0.100	$= 60.00 \text{ m}^2$
	2	1	25.00	0.100	$= 05.00 \text{ m}^2$
					$= 65.00 \text{ m}^2$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
31 64 Providing and fixing information Board Maintenance Board - 02 Nos.					
40 28 07-08-2023 A-E					
Abstract of cost cleaning and Grubbing Road Land	1 40				
0.350 Hect Duty side T.M.B. Page (2) @ Rs 62032 = 43/hect 21,711 = 00					
2 41 Construction of Embankment obtained from borrow pits with Lead 1000 M.					
862.50 M ³ Duty side T.M.B. Page (20) @ Rs 250 = 34/M ³ Rs 2,15,918 = 00 Rs 2,37,629 = 00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B. f. Rs	2,37,629 =
(3/42) Construction of subgrade and formation shoulders					
1228.70 m ³	Qty side Tm & Page (21)				
@ Rs 253 = 71/m ³				Rs	3,11,733 =
(4/43) Granular sub-base Grading 2					
97.20 m ³	Qty side Tm & Page (5)				
@ Rs 1502 = 60/m ³				Rs	1,46,053 =
(5/44) Roadbedding layering					
72.95 m ³	Qty side Tm & Page (8)				
@ Rs 3274 = 11/m ³				Rs	2,38,846 =
(6/45) Roadbedding layering spreading and compacting					
115.96 m ³	Qty side Tm & Page (14)				
@ Rs 2862 = 95/m ³				Rs	3,31,988 =
(7/46) Roadbedding and applying Primer coat					
1546.13 m ²	Qty side Tm & Page (16)				
@ Rs 56 = 12/m ²				Rs	86,769 =
				Co Rs	13,53,018 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B. f. Rs	13,53,018 =
(8/47) Mix seal surface Type B.					
1546.13 m ² Qty vide TMB Page (16)					
@ Rs 250 = 49/m ² Rs					3,87,290 =
(9/48) Providing and applying Tack coat					
1546.13 m ² Qty vide TMB Page (16)					
6534.11 m ² Qty vide TMB Page (17)					
8080.24 m ² @ Rs					Rs
8079.57 m ² Limited Sanctioned Qty					
@ Rs 19 = 09/m ² Rs					1,54,239 =
(10/49) semi Dense Bituminous Concrete					
163.34 m ³ Qty vide TMB Page (17)					
@ Rs 12669 = 05/m ³ Rs					20,69,363 =
					57,758 =
(11/50) Dry Lean Cement Concrete M15					
04.559 m ³ Qty vide TMB Page (18)					
@ Rs 6495 = 26/m ³ Rs					29,612 =
(12/51) Cement Concrete Pavement M30					
196.95 m ³ Qty vide TMB Page (19)					
@ Rs 7929 = 85/m ³ Rs					15,61,784 =
					Co Rs 55,55,306 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					a.f Rs 55,55.306 =
(13/52) Boring and firing 100 m stone					
03 Nos					Duty vide T.M.B Page (21)
					@Rs 2709 = 71/each Rs 8129 = 00
(14/53) Boring and firing 200 m stone					
08 Nos					Duty vide T.M.B Page (21)
					@Rs 764 = 32/each Rs 6115 = 00
(15/54) Direction and place identification					
01.92 m ²					Duty vide T.M.B Page (21)
					@Rs 14844 = 09/m ² Rs 28501 = 00
(16/55) Boring and firing 600 mm equilateral triangle					
05 Nos					Duty vide T.M.B Page (21)
					@Rs 4360 = 27/each Rs 21801 = 00
(17/56) Boring and firing 600 mm isosceles					
04 Nos					Duty vide T.M.B Page (21)
					@Rs 4258 = 61/each Rs 17034 = 00
					/
					CoRs 56,36,886 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					<u>6.8 Rs 56,36,886=</u>
(18/57) Providing and fixing 60mm x 450 mm Rectangular					
04 Nos. duty vide Tm B Page (21)					
CR 4114 = 87/200 Rs					<u>16459=00</u>
(19/62) Road marking with Hot Applied Thermo Plastic Compound on B.T. Slabs					
345.00 m ² duty vide Tm B Page (22)					
CR 823 = 80/m ² Rs					<u>2,84,211=00</u>
(20/63) Road marking with Hot Applied Thermo Plastic Compound on C.C. Road					
65.00 m ² duty vide Tm B Page (22)					
CR 926 = 40/m ² Rs					<u>60216=00</u>
(21/64) Providing and fixing information Board and Maintenance Board					
02 Nos. duty vide Tm B Page (23)					
CR 10888 = 65/200 Rs					<u>21,777=00</u>
					<u>60,19,549=</u>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. Rs 60	19,549=00
(22/65) Earth work in excavation for structure.					
59.60 m ³ Duty vide T.M.B. Page (14)					
@ Rs 326 = 71/m ³					Rs 19,472=00
(23/66) Providing M15 (PCC 1:2:5:5) as levelling course in foundation.					
05.92 m ³ Duty vide T.M.B. Page (14)					
@ Rs 6495 = 26/m ³					Rs 38,452=
(24/67) Providing and Laying R.C.C. pipe & P3 for H.P. Culvert of 1000 mm dia					
15.00 75.00 m Duty vide T.M.B. Page (15)					
@ Rs 6681 = 85/m					Rs 1,00,228=00
(25/68) Plastering with cement mortar (1:4) on brick work in sub. structure.					
103.20 m ² Duty vide T.M.B. Page (19)					
@ Rs 187 = 70/m ²					Rs 19,371=00
(26/69) Painting Two coats including Primer					
131.00 m ² Duty vide T.M.B. Page (20)					
@ Rs 116 = 86/m ²					Rs 15,309=

Co Rs 62,12,381=

Continuation

Material statement

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
E/W	0091.20m ² @ Rs 35.41/m ²				73213=
G.S. B (07.20m ²)					
26.5mm to 9.5mm	43.55m ³ @ Rs 886=				38585=
9.5mm to 2.36mm	31.10m ³ @ Rs 424=				13193=
Local sand	49.77m ³ @ Rs 43.32/m ³				7133=
W.A.M.G. 2 (12.95m ³)					
63mm to 4.75mm	88.27m ³ @ Rs 975=				86063=
Stone screening Type B 11.2mm	19.70m ³ @ Rs 424=				8357=
Modium	05.84m ³ @ Rs 160=				934=
W.A.M.G. 2 (115.96m ³)					
53mm to 22.4mm	140.31m ³ @ Rs 1080=				1,51,605=
Stone screening Type B 11.2mm	27.83m ³ @ Rs 424=				11806=
Bitumen Emulsion (SS-1)					1315 kg
Bitumen Emulsion (SS-1)					2222 kg
Waste Plastic					235 kg
Bitumen (S-90) or VG-10					2703 kg
Bitumen (S-90) or VG-20					18847 kg
Stone crushed aggregate	41.75m ³ @ Rs 586=				24466=
S.D.R.C. (163.34m ³)					
9.5mm - 4.75mm	136.06m ³ @ Rs 586=				79731=
4.75mm and below	98.00m ³ @ Rs 424=				41573=
C.C.P.M. 30 (196.95m ³)					
Crushed stone aggregate	177.255m ³ @ Rs 886=				1,57,048=
Coarse sand	88.63m ³ @ Rs 494=				43,783=
P.C.C.M. 15 (5.92m ³)					
Coarse sand	02.84m ³ @ Rs 494=				1403=
40mm aggregate	02.89m ³ @ Rs 975=				2769=
20mm aggregate	01.42m ³ @ Rs 1186=				1684=
10mm aggregate	0.47m ³ @ Rs 586=				275=
Continuation					Rs 7,43,621=

Continuation

Continuation

Received from A.C.E.O. cum. secretary BRPD, Patna
vide letter No. - 113, dt. 14.08.2023
Rs. 81,38,306/-
Bill No. Rs. 8138306/-

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Memo. in the presence of 1st R/A Bill.					
I. Tax @ 2%		Rs	162767		
G. ST @ 1%		Rs	81384		
S. ST @ 1%		Rs	81384		
L. cess @ 1%		Rs	81384		
Royalty		Rs	117421		
S. Fees		Rs	84636		
S.D. @ 5%		Rs	406915		
By cheque value Rs			7122415		
Total Bill value Rs			8138306		
Passed for Rs 8138306 = Rupees					
Eighty one lacs thirty eight thousand three hundred six only -					

Executive Engineer
Rural Works Department
Works Division, Sheikhpura

19/08/23

18/08/23

TOICR No - PN3202308038555
dt - 19/08/23

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: Cons ⁿ of Road					
and CD work with Maintenance					
for 1032 to Benguchha					
Tender Group No. - MR-N/02-23					
Sheikhpura - 10					
Agency: Sanjay Kumar Technocore					
Private Limited (SKTPL)					
At - Indai, Near Station Road					
P.O. + Distt - Sheikhpura					
Agreement No. 35 (MAD)/2022-23					
Agreement Value:					
Const ⁿ Cost = Rs. 8341230.00					
5 Yr. Maint. Cost = Rs. 2605112.00					
Total Cost = Rs. 10946342.00					
Date of Commencement: 22.01.2023					
Date of Completion: 26.10.2023					
Actual Date of Completion: 25.10.2023					
(1/58) P/A 900mm Octagonal stop Board					
— 01 no.					
(2/58) M15 Boundary Pillar — 36 nos.					
(3/61) Plantation of trees — 69 nos.					
(4/64) P/A logo of Maintenance Project.					
5 Yr. Maint Board — 01 no.					
(5/7) Plain/Recessed in Paved					
200 x 2 x 6.15 x 10 x 1.60 = 5.90 m³					

25-10-2023
DB

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.	
(140) cleaning and Boulding roads item 140 VTMB					
P/23 - 0.35 hect @ Rs. 62000.42/hect					
					= Rs. 21711.00
(241) Construction of embankment (with 1000 m lead item 241 VTMB)					
P/23 - 862.50 m ³ @ Rs. 250.34/m ³					
					= Rs. 215918.00
(242) Subgrade and earthen shoulder item 242 VTMB					
P/24 - 1228.70 m ³ @ Rs. 253.71/m ³					
					= Rs. 311733.00
(443) GSB go-II item 443 VTMB					
P/24 - 97.20 m ³ @ Rs. 1502.60/m ³					
					= Rs. 146053.00
(544) WBM go-II item 544 VTMB					
P/24 - 72.95 m ³ @ Rs. 3274.11/m ³					
					= Rs. 238846.00
(645) WBM go-III item 645 VTMB					
P/24 - 115.91 m ³ @ Rs. 2862.95/m ³					
					= Rs. 331988.00
(746) Prime Coat SS-1 item 746 VTMB					
P/24 - 156.13 m ² @ Rs. 56.12/m ²					
					= Rs. 86769.00
(847) Patch repair with MSS item 847 VTMB					
P/25 - 1546.13 m ² @ Rs. 250.49/m ²					
					= Rs. 387290.00

CD Rs. 17,40,308.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF Rs. 17,40,308.00
(9/48) Tack Coat RS-1 item 9/48 VTMB					
P/25 - 3079.57 m ² @ Rs. 19.09/m ²					
					= Rs. 154,239.00
(10/49) SDBC item 10/49 VTMB					
P/25 - 163.34 m ² @ Rs. 12669.05/m ²					
					= Rs. 20,69,363.00
(11/50) Dry lean Cement Concrete item 11/50 VTMB					
P/25 - 4.559 m ³ @ Rs. 6495.26/m ³					
					= Rs. 29,612.00
(12/51) ce Pavement MB item 12/51 VTMB					
P/25 - 196.95 m ³ @ Rs. 7929.85/m ³					
					= Rs. 15,61,784.00
(13/52) KM stone item 13/52 VTMB					
P/26 - 3 nos @ Rs. 2709.71/each					
					= Rs. 8,129.00
(14/53) 200 M stone item 14/53 VTMB					
P/26 - 8 nos @ Rs. 764.32/each					
					= Rs. 6,115.00
(15/54) Direction and Place identification					
Sagon Board item 15/54 VTMB					
P/26 - 1.92 m ² @ Rs. 14844.09/m ²					
					= Rs. 28,501.00
(16/55) 600 mm equilateral A Sagon item 16/55 VTMB					
P/26 - 0.5 nos @ Rs. 4360.27/each					
					= Rs. 2,180.00
(17/56) 600 mm Circular Sagon item 17/56 VTMB					
P/26 - 4 nos @ Rs. 4258.61/each					
					= Rs. 17,034.00

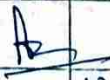
Continuation

CO Rs. 56,35,886.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF. Rs	5826	886.12
(18/57) 600 x 400 mm rectangular sign					
item 18/57 VTMB					
P/27 - 04 nos @ Rs. 4114.87 / each					
= Rs. 16459.48					
(19/58) 900 mm Octagonal stop Board					
item 19/58 VTMB					
P/35 - 01 no @ Rs. 8559.60 / each					
= Rs. 8560.00					
(20/59) Boundary Pillar item 20/59 VTMB					
P/35 - 36 nos @ Rs. 732.65 / each					
= Rs. 26375.40					
(21/60) Plantation of trees item 21/60					
VTMB P/35					
P/35 - 69 nos @ Rs. 1120.17 / each					
= Rs. 77292.00					
30% of Rs. 77292.00 = Rs. 23188.60					
(22/62) Road marking in BT item 22/62 VTMB					
P/27 - 345.00 m ² @ Rs. 823.80 / m ²					
= Rs. 284211.00					
(23/63) Road marking in CC item 23/63 VTMB					
P/27 - 6500 m ² @ Rs. 928.40 / m ²					
= Rs. 60216.00					
(24/64) Logo of MR Project					
item 24/64 VTMB P/27 -					02 nos.
item 24/64 VTMB P/35 -					01 no.
					03 nos.
@ Rs. 10888.65 / each = Rs. 32666.47					

Continuation @ Rs. 6088561.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.P. Rs. 6088561.00
(25/65) E/W in excavation item 22/65 VTM B					
P/28 - 59.60 m ³ @ Rs. 32671.00/m ³					
					= Rs. 19472.00
(26/65) PCC M/S (1:2:5) 220mm 22/65 VTM B					
P/28 - 592 m ³ @ Rs. 6495.24/m ³					
					= Rs. 38452.00
(27/65) RCC NPS HPC of dia 1000mm					
item 24/65 VTM B					
P/28 - 15.00 m @ Rs. 6681.85/m					
					= Rs. 100228.00
(28/68) Plastering with CM (1:4)					
item 28/68 VTM B					
P/28 - 103.20 m ² @ Rs. 18770.00/m ²					
					= Rs. 19371.00
(29/69) Painting item 26/69 VTM B					
P/28 - 131.00 m ² @ Rs. 116.86/m ²					
					= Rs. 15309.00
(30/70) Brick Masonry work item 27/70 VTM B					
P/29 - 7.40 m ³ @ Rs. 5828.25/m ³					
					= Rs. 43134.00
(31/71) Plain/RCC M20					
item 28/71 VTM B P/29 = 69.514 m ³					
item 5/71 VTM B P/35 = 5.900 m ³					
					69.514 + 5.900 = 75.414 m ³
					5,18,435
@ Rs. 7458.00/m ³ = Rs. 562498.00					
					CD Rs. 6886965.00
					CD Rs. 68,42,962.00

Material Statement	NIL
Stone chips : 5.31 m³	
Coarse Sand : 2.66 m³	
 25-10-2023 JB	
Certify that all work is done as per technical specifications and design. Work Completed on Date: 25.10.2023 and stop Maintenance work started. for Date: 26.10.2023.	
 25-10-2023 JB	 25-10-2023 A.E.

vide Ltr NO- C.E.-4 (N9) 3054-01-05/2023
part-II-151 (encl) dated 10/11/23
Amount Rs → 134,688/-

Sch. XLV-Form No. 134

memo of 2nd 8 Final Bill Rs-82050/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
I. Tax @ 2%					
C. GST @ 1%					
S. GST @ 1%					
L. GST @ 1%					
S.D @ 5%					
Royalty					
S.F					
in A/c					
TOTAL RS					

~~82050/-~~
8206/-

73844/-
41307/-

passed for Rs-82050/- Rupees
Eighty two thousand
Fifty only

Executive Engineer
R.W.D. Works Division
Sheikhpura

16/11/23

16/11/23

17/11/23

TOICM NDA PNB 202311062635

24/11/23