

N.14 98 14/11/20 P.M.D 44 1951/55

Shedule XLV Form No. 134.

EXECUTIVE ENGINEER
PALIGANT.

DIVISION

MAUBATPUR.

SUB-DIVISION

NAME OF AGENCY → S.B ENGINEER PVT.LTD
657

Measurement Book

NAME OF A.E → ASAR NATH GUPTA

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 - Repair & maintenance of road from NH 98 Chaurura to Naulabpur Ichagaul PWD road.					
Agency - S.B. Engicon Pvt Ltd.					
Vill - Royal City, Saguna More.					
Danapur, Patna.					
Agreement No - MBD / New main Policy - 2013 / MR - 3054 / 2021 - 22.					

Date of commencement - 25-01-2022

Date of completion - 24-10-2022

① Providing and fixing of typical MMSY informative sign board with Logo.

Logo board

1 No.

Maintenance board -

1 No.
2 No.

② Clearing and Grubbing road land

$$2 \times 4 \times 30 \times \frac{1.20 + 1.00}{2}$$

264.00 m²

$$2 \times 5 \times 30 \times \frac{1.00 + 1.10}{2}$$

315.00 m²

$$2 \times 6 \times 30 \times \frac{1.1 + 1.20}{2}$$

360.00 m²

Continuation

Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
$2 \times 4 \times 30 \times \frac{0.90 + 1.50}{2}$				—	288.00
$2 \times 3 \times 30 \times \frac{1.50 + 1.0}{2}$				—	234.00
$2 \times 1 \times 30 \times \frac{1.10 + 0.85}{2}$				—	58.50 m
$2 \times 5 \times 30 \times \frac{0.85 + 0.65}{2}$				—	225.00 m
$2 \times 4 \times 30 \times \frac{0.65 + 1.00}{2}$				—	198.00 m ²
$2 \times 6 \times 30 \times \frac{1.00 + 1.50}{2}$				—	450.00 m ²
$2 \times 5 \times 30 \times \frac{1.50 + 1.25}{2}$				—	412.50 m ²
$2 \times 4 \times 30 \times \frac{1.25 + 1.10}{2}$				—	282.00 m ²
$2 \times 3 \times 30 \times \frac{1.10 + 0.85}{2}$				—	175.50 m ²
$2 \times 4 \times 30 \times \frac{0.85 + 0.50}{2}$				—	162.50 m ²
$2 \times 4 \times 30 \times \frac{0.50 + 0.75}{2}$				—	150.00 m ²
$2 \times 20 \times 0.75$				—	30.00 m ²
					3604.50 m ²
					— 0.36 ha
(3) Scrapping existing bitu-					
minous surface.					
$6 \times 10.25 \times 3.05$				—	187.52 m ²
$7 \times 12.05 \times 1.95$				—	164.48 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
check 4 x 9.35 x 2.10				—	78.54 m ²
6 x 7.85 x 2.10				—	98.91 m ²
5 x 6.05 x 2.05				—	62.013 m ²
8 x 5.25 x 1.95				—	81.90 m ²
11 x 5.50 x 2.50				—	151.25 m ²
Depa. 20/02/22 J.E.					824.671 m ²
22/02/2022 A.E.					
(3) Dismantling of existing structures like culverts, bridges, retaining walls and other structure -					
(i) Cement Concrete	—				3.81 m ³
(ii) Reinforced cement concrete	—				6.72 m ³
					10.53 m ³
(4) Dismantling of existing structures like culverts, bridges etc.					
Cement mortar	—				80.19 m ³
(5) Removing all types of Hume pipe and stacking including earthwork and Dismantling of masonry works.					
Above 600 mm dia Hume pipe - 7.50 m					
(6) 1 No. RCC Slab culvert At Ch. 135					
1 x 2 ^{m span} x 1.5 m height					
E/w in excavations for structures as per drawing and technical specifications -					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abutment</u>					
$2 \times 7.600 \times 2.133 \times 1.60$	—				51.875 m^3
<u>Return wall</u>					
$4 \times 1.767 \times 1.930 \times 1.60$	—				21.826 m^3
<u>Floor Under Deck Slab</u>					
$1 \times 6.20 \times 0.400 \times 0.250$	—				0.620 m^3
					74.32 m^3

⑧ Sand filling in foundation

ditches -

Floor under Deck Slab -

$1 \times 6.200 \times 1.629 \times 0.160$ — 1.01 m^3

⑨ Providing PCC M15 (1:2.5:4) concrete for plain concrete

Abutment

$2 \times 7.60 \times 2.133 \times 0.20$ — 6.484 m^3

Return wall

$4 \times 1.767 \times 1.930 \times 0.20$ — 2.728 m^3

Floor under Deck Slab

$1 \times 6.20 \times 1.736 \times 0.150$ — 1.614 m^3

Cut off wall

$2 \times 0.40 \times 1.00 \times 0.20$ — 0.16 m^3

10.99 m^3

Defn
28/02/22
J.E.

28/02/2022
A.E.

⑩ Providing PCC M15 (1:2.5:5) concrete for plain concrete

Qty below Ground Level -

Abutment

$2 \times 6.80 \times 1.633 \times 1.40$ — 31.092 m^3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Return wall					
4 x 1.767 x 1.43 x 1.40					14.15 m ³
Cut off wall					
2 x 1.20 x 0.588 x 1.40					1.974 m ³
2/03/22 J.E.					47.22 m ³
(19) Plain/reinforced cement concrete (M20) in substructure					
Qty above ground level					
Abutment					
2 x 6.40 x 0.917 x 1.30					14.297 m ³
Return wall					
4 x 1.984 x 1.590					8.389 m ³
(12) Providing weepholes in brick masonry, plain/reinforced concrete abutment etc					22.69 m ³
2 x 4					8 Nos.
4 x 4					16 Nos.
					24 Nos.
(13) Drainage spouts complete as per drawing					
1 x 2					2 Nos.
(14) Supplying, fitting and placing HYSD bar reinforcement (Fe-415) in substructures					
Abutment cap					
2 x 4 x 6.00 x 0.62					29.76 kg
2 x 30 x 0.60 x 0.395					14.12 kg

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Dist wall</u>					
2x2x6.00x0.62					29.76 kg
2x30x0.25x0.395					5.925 kg
					79.665 kg

(15) Plain/reinforced concrete (M-20) is substructure

<u>A buttment cap</u>					
2x6.00x0.70x0.20					1.68 m ³
2x6.00x0.40x0.24					1.44 m ³

<u>Parapet</u>					
2x8.00x0.40x0.60					3.84 m ³
					6.67 m ³

(18) Supplying, fitting and

placing HYSD bar reinforcement

in super structure

Deck Slab.

12 mm main bar

18x2.75x0.89					44.15 kg
52x2.664x0.89					123.29 kg
18x2.75x0.89					44.15 kg
52x2.664x0.89					123.29 kg

10 mm Distribution bar

3x6.132x0.62					11.406 kg
8x6.04x0.62					29.958 kg
3x6.132x0.62					11.406 kg
8x6.04x0.62					29.958 kg
					417.008 kg

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑮ Providing and laying reinforced cement concrete in superstructure (Deck Slab M25)					
1 x 6.00 x 2.56 x 0.240 -					3.686 m ³
⑯ Providing and filling joint sealing compound as per drawings -					
2 x 6.00					12.00 m
⑰ Painting on parapet wall with primer coat and synthetic enamel paint,					
Top - 2 x 8.00 x 0.40 -					6.40 m ²
Side - 4 x 8.00 x 0.60					19.20 m ²
Front - 4 x 0.40 x 0.60					0.96 m ²
					26.56 m ²
⑱ 1 No. x 3.00 m span x 1.50 m vent height					
Earthwork in excavation for structures as per drawing					
<u>Abutment</u>					
2 x 7.60 x 2.133 x 1.60 -					51.875 m ³
<u>Return wall</u>					
4 x 1.767 x 1.950 x 1.60 -					22.052 m ³
<u>Floor under Deck Slab</u>					
1 x 6.20 x 1.40 x 0.25 -					2.170 m ³
					76.10 m ³
⑳ Sand filling in foundation trenches -					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x 6.20 x 2.629 x 0.10					1.63 m ³
(22) Providing PCC M 15 (1:2:5) concrete for plain concrete in open foundation -					
Abutment -					
2 x 7.60 x 2.133 x 0.20					6.484 m ³
Return wall					
4 x 1.767 x 1.950 x 0.20					2.757 m ³
Floor under Deck Slab.					
1 x 6.20 x 2.786 x 0.150					2.544 m ³
Cut off wall					
2 x 0.40 x 1.00 x 0.20					0.16 m ³
					11.95 m ³

(23) Providing PCC M 15 (1:2:5) concrete for plain concrete in open foundation -					
Qty Below Ground Level					
Abutment					
2 x 6.80 x 1.633 x 1.40					31.092 m ³
Return wall					
4 x 1.767 x 1.450 x 1.40					14.348 m ³
Cut off wall					
2 x 1.70 x 0.588 x 1.40					2.797 m ³
					48.24 m ³
(24) Plain/Reinforced cement concrete (M 20) in substructure as per drawings -					

Defn
20/03/22
S.E.

21/03/2022
A.E.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty above Ground level					
Abutment					
2 x 6.00 x 0.917 x 1.30 -					14.297 m ³
Return wall					
4 x 1.984 x 0.675 x 1.65 -					8.836 m ³
					23.13 m ³
(29) Providing weepholes in brick masonry, plain reinforced concrete abutment, wing wall, return wall with 100 mm dia A.C pipe -					
2 x 4					8 Nos.
4 x 4					16 Nos.
					24 Nos.
(28) Drainage spouts complete as per drawing and technical specification -					
1 x 2					2 Nos.
(29) Supplying, fitting and placing HYSD bar reinforcement in super structure -					
Abutment Cap					
2 x 4 x 6.00 x 0.62 -					29.76 kg.
2 x 30 x 0.60 x 0.395 -					14.22 kg.
Dirt wall.					
2 x 4 x 6.00 x 0.62 -					29.76 kg.
2 x 30 x 0.25 x 0.395 -					5.925 kg.
					79.665 kg.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28) Plain/Reinforced cement concrete M-20 in substructure complete as per drawing.					
Abutment Cap					
2 x 6.00 x 0.70 x 0.20 -					1.680 m ³
Dirt wall					
2 x 6.00 x 0.40 x 0.30 -					1.440 m ³
Return wall coping					
4 x 2.20 x 0.40 x 0.150 -					0.528 m ³
Parapet					
2 x 9.00 x 0.400 x 0.60 -					4.320 m ³
					7.97 m ³
(29) Supplying, fitting and placing HYSD bar reinforcement in super-structure.					
(Deck slab M25)					
16 mm main bar.					
12 x 3.828 x 1.578 -					72.49 kg
36 x 3.712 x 1.578 -					210.87 kg
12 x 3.828 x 1.578 -					72.49 kg
36 x 3.712 x 1.578 -					210.87 kg
10 mm distribution bar					
6 x 6.158 x 0.62 -					22.91 kg
15 x 6.04 x 0.62 -					56.17 kg
6 x 6.158 x 0.62 -					22.91 kg
15 x 6.04 x 0.62 -					56.17 kg
					727.88 kg

Defn.

25/03/22

T.E.

25/03/2022

A.E

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30) RCC M-25 in Deck Slab					
Providing and laying reinforced cement concrete in super-structure (Deck Slab M-25)					
1 x 6.00 x 3.560 x 0.30 -					6.408 m ³
31) Providing and filling joint sealing compound					
2 x 6.00 -					12.00 m
32) Painting two coats including primer coat after filling the surface with synthetic enamel paint on parapet wall -					
Top - 2 x 9.00 x 0.40 -					7.20 m ²
Side - 4 x 9.00 x 0.60 -					21.60 m ²
Front - 4 x 0.40 x 0.60 -					0.96 m ²
					29.76 m ²
1 No x 1000 mm Hume pipe culvert					
33) Earthwork in excavation for foundation of structures -					
Head wall					
2 x 6.450 x 1.40 x 1.50 -					27.090 m ³
Below pipe					
1 x 4.850 x 1.530 x 0.365 -					2.708 m ³
					29.80 m ³
34) Providing M15 (PCC 1:2.5:5) as levelling course 24 foundation					
Head wall					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2x 6.450 x 1.40 x 0.150 -					2.709 m ³ .
Below pipe					
1x 4.931 x 1.530 x 0.25 -					1.886 m ³ .
Depth 30/03/22 A.E.					4.60 m ³ .
(38) Plain/reinforced cement concrete in substructure -					
Head wall					
2x 6.150 x 0.825 x 3.180 -					32.269 m ³ .
Parapet					
2x 6.150 x 0.40 x 0.60 -					2.952 m ³ .
less for pipe					
2x 0.7857 x 1.23 ² x 0.622 -					1.478 m ³ .
					33.740 m ³ .
(38) Providing and Laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material -					
3 x 2.50					7.50 m.
(39) Painting on parapet wall (Black & white strips)					
Top - 2x 6.150 x 0.40 -					4.92 m ²
Side - 4 x 6.150 x 0.60 -					14.76 m ²
Front - 4 x 0.40 x 0.60 -					0.96 m ²
					20.64 m ²
(39) Const ⁿ of granular sub-base by providing well graded material of gr II.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5 x 9.5 x 1.80 x 0.14 -					11.95 m ³
2 x 12.00 x 2.00 x 0.12 -					5.76 m ³
2 x 11.00 x 1.40 x 0.40 -					4.32 m ³
2 x 9.00 x 1.50 x 0.15 -					4.06 m ³
2 x 6.50 x 1.90 x 0.15 -					3.70 m ³
6 x 5.00 x 1.70 x 0.100 -					5.10 m ³
5 x 7.00 x 1.60 x 0.15 -					8.40 m ³
2 x 9.00 x 1.20 x 0.15 -					3.24 m ³
6 x 9.00 x 1.80 x 0.140 -					13.62 m ³
2 x 4.00 x 1.30 x 0.140 -					1.46 m ³
7 x 6.00 x 1.30 x 0.14 -					7.63 m ³
4 x 8.50 x 1.40 x 0.120 -					5.72 m ³
7 x 5.50 x 1.30 x 0.100 -					5.04 m ³
8 x 7.50 x 1.80 x 0.15 -					16.24 m ³
6 x 6.50 x 1.30 x 0.140 -					7.098 m ³
5 x 11.00 x 1.30 x 0.140 -					10.00 m ³
8 x 8.00 x 1.70 x 0.130 -					13.28 m ³
10 x 8.00 x 1.70 x 0.120 -					16.60 m ³
7 x 5.50 x 1.40 x 0.130 -					7.00 m ³
					150.218 m ³

Debar
05/04/22
J.E.

05/04/2022
A.E.

(37) Providing, laying, spreading and compacting stone agg.

of WBM grading 2.

5 x 9.75 x 1.90 x 0.075 -	6.947 m ³
2 x 12.50 x 2.05 x 0.075 -	3.844 m ³
2 x 11.25 x 1.45 x 0.075 -	2.447 m ³
2 x 9.05 x 1.60 x 0.075 -	2.172 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		2×6.75	$\times 2.00$	$\times 0.075$	$- 2.025 m^3$
		6×5.50	$\times 1.80$	$\times 0.075$	$- 4.455 m^3$
		5×7.15	$\times 1.75$	$\times 0.075$	$- 4.672 m^3$
		2×9.15	$\times 1.35$	$\times 0.075$	$- 1.853 m^3$
		6×9.60	$\times 2.05$	$\times 0.075$	$- 8.856 m^3$
		2×4.35	$\times 1.50$	$\times 0.075$	$- 0.779 m^3$
		7×6.05	$\times 1.90$	$\times 0.075$	$- 4.447 m^3$
		4×8.65	$\times 1.55$	$\times 0.075$	$- 4.022 m^3$
		7×5.75	$\times 1.45$	$\times 0.075$	$- 4.377 m^3$
		8×7.75	$\times 1.95$	$\times 0.075$	$- 9.068 m^3$
		6×6.55	$\times 1.35$	$\times 0.075$	$- 3.979 m^3$
		5×11.15	$\times 1.35$	$\times 0.075$	$- 5.645 m^3$
		8×8.50	$\times 1.65$	$\times 0.075$	$- 8.415 m^3$
		10×8.15	$\times 1.75$	$\times 0.075$	$- 10.697 m^3$
		7×5.75	$\times 1.60$	$\times 0.075$	$- 1.83 m^3$
		1×7.50	$\times 2.00$	$\times 0.075$	$- 1.125 m^3$
					$94.874 m^3$

Defn
10/04/22
J.E.

10/04/2022
A.E

② Providing, laying, spreading and compacting stone agg. of w-BM grading 3 sizes of meter

$$17 \times \frac{10.00 + 5.40 + 3.85 + 4.80 + 3.05}{5} \times 0.075 = 6.911 m^3$$

$$18 \times 3.05 \times 0.075 = 4.118 m^3$$

$$31 \times \frac{3.05 + 3.45 + 4.00 + 2.05}{4} \times 0.075 = 7.876 m^3$$

$$61 \times 3.05 \times 0.075 = 13.954 m^3$$

$$10 \times \frac{3.05 + 4.50 + 3.15 + 3.70}{4} \times 0.075 = 3.075 m^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$53 \times \frac{3.70 + 3.25 + 5.15 + 3.10}{4} \times 0.075$	4				15.108 m^3
$8 \times 3.10 \times 0.075$				—	1.86 m^3
$24 \times \frac{3.10 + 4.30 + 3.80}{3} \times 0.075$	3				6.72 m^3
$10 \times \frac{3.80 + 3.65 + 3.15 + 3.05}{4} \times 0.075$	4				2.559 m^3
$11 \times 3.05 \times 0.075$				—	2.516 m^3
$13 \times \frac{3.05 + 3.50 + 4.40 + 3.05}{4} \times 0.075$	4				3.413 m^3
$11 \times 3.05 \times 0.075$				—	2.516 m^3
$33 \times \frac{3.05 + 3.25 + 3.60 + 4.90 + 3.05}{5} \times 0.075$	5				8.836 m^3
$10 \times 3.05 \times 0.075$				—	2.288 m^3
$11 \times \frac{3.05 + 3.60 + 4.00 + 3.05}{4} \times 0.075$	4				2.826 m^3
$8 \times 3.05 \times 0.075$				—	1.83 m^3
$23 \times \frac{3.05 + 3.50 + 3.90 + 3.05}{4} \times 0.075$	4				5.822 m^3
Link road at ch. 365 m.					
$5 \times \frac{2.70 + 2.50}{2} \times 0.075$				—	0.975 m^3
Link road at ch. 407 m.					
$5 \times \frac{2.70 + 2.50}{2} \times 0.075$				—	0.975 m^3
Link road at ch. 415 m.					
$5 \times \frac{2.60 + 2.50}{2} \times 0.075$				—	0.956 m^3
$76 \times \frac{(3.65 + 3.60 + 5.20 + 4.40 + 5.20) + 3.05}{6} \times 0.075$	6				23.275 m^3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x30x3.05x0.075					6.863m ³
29x3.05x0.075					6.634m ³
3x30x3.05x0.075					20.588m ³
3x3.05x0.075					0.686m ³
12x $\frac{3.05+3.90+3.60+3.05}{4}$					
				x0.075	3.06m ³
10x30x3.05x0.075					68.625m ³
3x30x3.05x0.075					20.588m ³
4x3.05x0.075					0.915m ³
13x $\frac{3.05+3.80+4.40+3.05}{4}$				x0.075	3.486m ³
3x30x3.05x0.075					20.588m ³
23x3.05x0.075					5.26m ³
24x $\frac{(3.65+2.70)}{2}$				x0.075	5.175m ³
21x $\frac{2.70+3.20+4.00+3.95}{4}$				x0.075	5.099m ³
1x30x3.05x0.075					6.863m ³
28x3.05x0.075					6.405m ³
47x $\frac{(3.05+2.65+2.95+3.05)}{4}$				x0.075	10.311m ³
4x30x3.05x0.075					27.45m ³
122x $\frac{3.05+2.60+2.80+3.05}{4}$				x0.075	26.306m ³
44x $\frac{3.05+3.3+3.60+3.15+3.05}{5}$				x0.075	10.659m ³
26x $\frac{3.05+2.75}{2}$				x0.075	5.655m ³
54x $\frac{2.75+3.05}{2}$				x0.075	11.745m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
52 x $\frac{3.05 + 2.70}{2} \times 0.075$					11.213 m ²
1 x 30 x 2.70 x 0.075					6.075 m ²
40 x $\frac{(2.70 + 3.05 + 3.30 + 3.40 + 3.70 + 3.80 + 3.90 + 4.00)}{7} \times 0.075$					17.079 m ²
					425.734 m ²
(49) Providing & applying primer coat with (SS-1) emulsion.					
12 x $\frac{3.05 + 3.90 + 3.60 + 3.05}{4}$					40.80 m ²
10 x 30 x 3.05					915.00 m ²
3 x 30 x 3.05					274.50 m ²
4 x 3.05 x 0.075					12.20 m ²
13 x $\frac{3.05 + 3.80 + 4.40 + 3.05}{4}$					46.475 m ²
3 x 30 x 3.05 x 0.075					274.50 m ²
23 x 3.05 x 0.075					70.15 m ²
24 x $\frac{3.05 + 2.70}{2} \times 0.075$					69.00 m ²
21 x $\frac{(2.70 + 3.20 + 4.00 + 3.05)}{4}$					67.988 m ²
					91.50 m ²
1 x 30 x 3.05					85.40 m ²
28 x 3.05					137.475 m ²
47 x $\frac{(3.05 + 2.65 + 2.95 + 3.05)}{4}$					366.00 m ²
24 x 30 x 3.05					350.75 m ²
122 x $\frac{(3.05 + 2.60 + 2.80 + 3.05)}{4}$					142.12 m ²
44 x $\frac{(3.05 + 3.30 + 3.60 + 3.15 + 3.05)}{5}$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
26 X $\frac{3.05+2.75}{2}$				—	75.40 m ²
54 X $\frac{2.75+3.05}{2}$				—	156.60 m ²
52 X $\frac{3.05+2.70}{2}$				—	149.50 m ²
1 X 30 X 2.70				—	81.00 m ²
40 X $\left(\frac{2.70+3.05+8.30+5.40+8.70+6.50+5.20}{7} \right)$				—	227.71 m ²
					3634.068 m ²
(42) Providing & applying tack coat with bitumen emulsion (RS-1) over granular surface.					
Same as item (41)					3634.068 m ²
(43) Providing, laying & rolling of close graded premix surfacing material of 20mm					
Same as item (42)					3634.068 m ²
(44) Providing & applying tack coat with bitumen emulsion (RS-1) over bituminous surface.					
Same as item (43)					3634.068 m ²
(45) Providing and laying SDBC with 100-120 TPH.					
From ch. 580 m to ch. 1750 m.					
12 X $\frac{3.05+3.90+3.60+3.05}{4}$ X 0.025				—	1.02 m ³
10 X 30 X 3.05 X 0.025				—	22.875 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$3 \times 30 \times 3.05 \times 0.025$ —					6.868 m^3
$4 \times 3.05 \times 0.025$ —					0.305 m^3
$13 \times \frac{3.05+3.80+4.40+3.05}{4} \times 0.025$ —					1.162 m^3
$3 \times 30 \times 3.05 \times 0.025$ —					6.868 m^3
$23 \times 3.05 \times 0.025$ —					1.754 m^3
$24 \times \frac{3.05+2.70}{2} \times 0.025$ —					1.727 m^3
$21 \times \frac{2.70+3.20+4.00+3.05}{4} \times 0.025$ —					1.699 m^3
$1 \times 30 \times 3.05 \times 0.025$ —					2.288 m^3
$28 \times 3.05 \times 0.025$ —					2.135 m^3
$47 \times \frac{3.05+2.65+2.95+3.05}{4} \times 0.025$ —					3.437 m^3
$4 \times 30 \times 3.05 \times 0.025$ —					9.15
$122 \times \frac{(3.05+2.60+2.80+3.05)}{4} \times 0.025$ —					8.769 m^3
$44 \times \frac{3.05+3.30+3.60+3.15+3.05}{5} \times 0.025$ —					3.553 m^3
$26 \times \frac{3.05+2.75}{2} \times 0.025$ —					1.885 m^3
$54 \times \frac{2.75+3.05}{2} \times 0.025$ —					3.915 m^3
$52 \times \frac{3.05+2.70}{2} \times 0.025$ —					3.738 m^3
$1 \times 30 \times 2.70 \times 0.025$ —					2.025 m^3
$40 \times \frac{(2.70+3.05+8.30+5.40)+8.70+6.50+5.20}{7} \times 0.025$ —					5.693 m^3
					90.856 m^3

Defn
20/09/22
J.C.

A.
20/09/2022
A.E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(46) Cement concrete pavement					
from ch. 0 to 487 m					
Const ⁿ of un-reinforced dowel					
jointed at expansion and					
construction joint only -					
17 x	10.00 + 5.40 + 3.85 + 4.80 + 3.05	5		x 0.160	14.742 m ³
18 x	3.05			x 0.160	8.784 m ³
31 x	3.05 + 3.45 + 4.00 + 3.05	4		x 0.160	16.802 m ³
61 x	3.05			x 0.160	29.768 m ³
10 x	3.05 + 4.50 + 5.15 + 3.70	4		x 0.160	6.56 m ³
53 x	3.10 + 3.25 + 5.15 + 3.10	4		x 0.160	32.224 m ³
8 x	3.10			x 0.160	3.968 m ³
24 x	3.10 + 4.30 + 3.80	3		x 0.160	14.336 m ³
10 x	3.80 + 3.65 + 3.15 + 3.05	4		x 0.160	5.46 m ³
11 x	3.05			x 0.160	5.368 m ³
13 x	3.05 + 3.50 + 4.40 + 3.05	4		x 0.160	7.28 m ³
11 x	3.05			x 0.160	5.368 m ³
33 x	3.05 + 3.25 + 3.60 + 4.90 + 3.05	5		x 0.160	18.85 m ³
10 x	3.05			x 0.160	4.88 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11 x $\frac{3.05+3.60+4.00+3.05}{4}$		4			
			X 0.160 -		6.028 m ³
8 x 3.05 x 0.160					3.904 m ³
23 x $\frac{3.05+3.50+3.90+3.05}{4}$		4			
			X 0.160 -		12.42 m ³
Link road at ch. 365 m.					
5 x $\frac{2.70+2.50}{2}$			X 0.160 -		2.08 m ³
Link road at ch. 407 m					
5 x $\frac{2.70+2.50}{2}$			X 0.160 -		2.08 m ³
Link road at ch. 415 m.					
5 x $\frac{2.60+2.50}{2}$			X 0.160 -		2.04 m ³
76 x $\frac{3.05+3.60+5.20+4.40+5.20}{6}$		3.05			
			X 0.160 -		49.65 m ³
1 x 30 x 3.05 x 0.160					14.64 m ³
29 x 3.05 x 0.160					14.152 m ³
					281.384 m ³
<i>Super</i> <i>30/09/22</i> <i>S.E.</i> <i>20/09/2022</i>					
(47) Constⁿ of subgrade & Earthen shoulders with approved material Beside CC portion.					
2 x 487 x 0.45 (av.) x 0.30					131.49 m ³
Beside BT portion.					
2 x 1263 x 0.55 (av.) x 0.30					416.79 m ³
					548.28 m ³
(48) Maintenance of parapet wall of 2 culvert.					
Brick masonry in cm (1:3)					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
in parapet -					
2x2x6.00x0.40x0.60 -					5.76 m ³
(48) 2 No. Culvert plastering with cement mortar (1:4)					
Side face - 2x4x6.00x0.60 -					28.80 m ²
Top - 2x2x6.00x0.40 -					9.60 m ²
Front face - 2x4x0.40x0.60 -					1.92 m ²
					40.32 m ²
(49) Painting two coats including primer coat after filling the surface -					
Same as item (48)					40.32 m ²
(50) Providing and laying					
of a reinforced cement concrete pipe duct 300 mm dia.					
3x2.5					7.5 m
(51) Reinforced cement concrete M15 grade kilometer local stone.					
(i) 10m stone					2 Nos.
(ii) 20m stone					8 Nos.
(52) Providing & laying hot applied thermoplastic compound -					
(i) over PCC road.					
2x4x30x0.100					24.00 m ²
2x3x30x0.100					18.00 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2x3x30x0.100	—				18.00m ²
2x2x30x0.100	—				12.00m ²
2x4x30x0.100	—				24.00m ²
7x0.100	—				0.70m ²
					96.70m ²
(ii) over BT portion.					
2x5x30x0.100	—				30.00m ²
2x3x30x0.100	—				18.00m ²
2x6x30x0.100	—				36.00m ²
2x3x30x0.100	—				18.00m ²
2x5x30x0.100	—				30.00m ²
2x7x30x0.100	—				42.00m ²
2x8x30x0.100	—				48.00m ²
2x4x30x0.100	—				24.00m ²
2x1x30x0.100	—				6.00m ²
3x0.100	—				0.30m ²
					252.30m ²

(54) Providing and fixing of
Retro-reflective cautionary
mandatory and informative
sign board -

(i) 600 mm equilateral Δ - 6 Nos.

(ii) 600 mm Circular - 6 Nos.

(iii) 600 mm x 600 mm $\square$ - 2 Nos.

(iv) 900 mm side octagon - 2 Nos.

Sd/-
20/05/22
J.E.

Sd/-
21/05/2022
A.O.F.

(55) Planting of trees - 30 Nos.

Sd/-
20/05/22
J.E.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost.</u>					
1/4) Providing & fixing of typical MMSY informatory sign board with logo.					
2 Nos. Qty vide TMBP (1) item (1)					
9601.29/No					
@ Rs. 56083.43/hect. — Rs. 19203=00					
2/1) Clearing & grubbing road land					
0.36 hect. Qty vide TMBP (1-2)					
item (2) @ Rs. 56083.43/hect. Rs. 20190=00					
3/2) Scarifying existing bituminous surface.					
824.671 m ² Qty vide TMBP (2)					
4.823.50					
item (3) @ Rs. 15.82/m ² — Rs. 13028=00					
4/2) Dismantling of existing structures like culverts etc					
(1) 10.53 m ³ Qty vide TMBP (3)					
limit 3.81 m³					
item (4) @ Rs. 439.86/m ³ — Rs. 4632=00					
5/3) Dismantling of existing structures like culverts etc					
Cement mortar.					
80.19 m ³ Qty vide TMBP (3) item (5)					
@ Rs. 247.76/m ³ — Rs. 19868=00					
6/3) Removing all types of theme pipe and stacking including earthwork and stacking					
Dismantling of masonry works.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost.</u>					
<u>(1/4) Providing & fixing of typical</u>					
<u>MMGSY informatory sign</u>					
<u>board with logo.</u>					
<u>2 Nos. Qty vide TMBP (1) item (1)</u>					
<u>9601.29/No</u>					
<u>@ Rs. 56083.43/hect. — Rs. 19203=00</u>					
<u>(2/1) Clearing & grubbing</u>					
<u>road land</u>					
<u>0.36 hect. Qty vide TMBP (1-2)</u>					
<u>item (2) @ Rs. 56083.43/hect. Rs. 20190=00</u>					
<u>(3/2) Scarifying existing bitum-</u>					
<u>nous surface.</u>					
<u>824.671 m² Qty vide TMBP (2-3)</u>					
<u>4823.50</u>					
<u>item (3) @ Rs. 15.82/m² — Rs. 13028=00</u>					
<u>(4/2) Dismantling of existing</u>					
<u>structures like culverts etc</u>					
<u>(is 10.58 m³ Qty vide TMBP (3)</u>					
<u>10.58 m³ item (4) @ Rs. 439.86/m³ — Rs. 4632=00</u>					
<u>(5/3) Dismantling of existing</u>					
<u>structures like culverts etc</u>					
<u>Cement mortar.</u>					
<u>80.19 m³ Qty vide TMBP (3) item (5)</u>					
<u>@ Rs. 247.76/m³ — Rs. 19868=00</u>					
<u>(6/3) Removing all types of theme</u>					
<u>pipe and stacking including</u>					
<u>earthwork and stacking</u>					
<u>Dismantling of masonry works</u>					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7.50 m qty vide TMBP (3) Item					
6 @ Rs. 191.81/m — Rs. 1439 =					
7/23 Earthwork in excavation.					
for structures as per drawing					
74.32 m ³ qty vide TMBP (3-4) item (7)					
76.10 m ³ qty vide TMBP (7) item (20)					
29.80 m ³ qty vide TMBP (7) item (33)					
180.22 m ³ @ Rs. 323.43/m ³ — Rs. 58289 =					
8/5 Sand filling in foundation.					
trenches.					
1.01 m ³ qty vide TMBP (4) item (8)					
1.63 m ³ qty vide TMBP (8) item (21)					
2.64 m ³ @ Rs. 530.70/m ³ — Rs. 1401 =					
9/4 Providing PCC M15 (1:2:5)					
concrete for plain concrete					
10.99 m ³ qty vide TMBP (4) item (4)					
11.95 m ³ qty vide TMBP (8) item (22)					
4.60 m ³ qty vide TMBP (12) item (34)					
27.54 m³ @ Rs. 5339.36/m³ — Rs.					
10/47.22 m ³ qty vide TMBP (5) item (10)					
48.24 m ³ qty vide TMBP (8) item (23)					
123.00 m ³ @ Rs. 5339.36/m ³ — Rs. 656741 =					
10/5 Plain / reinforced cement					
concrete (M20)					
22.69 m ³ qty vide TMBP (5) item (11)					
23.13 m ³ qty vide TMBP (9) item (25)					
6.67 m ³ qty vide TMBP (6) item (5)					
52.49 m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7.97 m ³ Qty vide TMBP (10) item (28)					
33.74 m ³ Qty vide TMBP (12) item (28)					
99.20 m ³ @ Rs. 6067.12/m ³ — Rs. 5,71,240					
11/37 Providing weepholes in brick masonry, plaster & internal concrete					
24 Nos Qty vide TMBP (5) item (12)					
24 Nos Qty vide TMBP (9) item (25)					
48 Nos. @ Rs. 118.44/No — Rs. 5684.52					
12/38 Drainage spouts complete as per drawing					
2 Nos. Qty vide TMBP (5) item (13)					
2 Nos Qty vide TMBP (9) item (25)					
4 Nos. @ Rs. 452.96/No — Rs. 1811.84					
13/35 Supplying, fitting and placing HYSD bar reinforcement &					
79.665 kg Qty vide TMBP (6) item (10)					
417.608 kg Qty vide TMBP (6) item (10)					
79.665 kg Qty vide TMBP (9) item (27)					
727.88 kg Qty vide TMBP (10) item (29)					
1304.818 kg.					
lt.					
1224.64 kg @ 1.225 MT @					
Rs. 70443.38/MT — Rs. 86293.00					
14/34 Providing and laying reinforced cement concrete in superstructure (Deck slab etc)					
3.686 m ³ Qty vide TMBP (10) item (12)					
6.408 m ³ Qty vide TMBP (10) item (25)					
10.094 m ³					

14575

Particulars	Details of actual measurement			Contents of area
	No.	L. 7129 B. <u>43</u>	D.	
10.094 m ² @ Rs. <u>7189.46/m²</u> — Rs. 72570=00				
15/4 Providing and filling joint sealing compound as per drawing				
2400 m ³ qty vide TMBP (7) item (18)				
1200 m ³ qty vide TMBP (11) item (31)				
24.00 m @ Rs. 45.04/m — Rs. 1081=00				
16/5 ³ Painting on parapet wall with primer coat and synthetic enamel paint -				
26.56 m ² qty vide TMBP (7) item (19)				
29.76 m ² qty vide TMBP (11) item (32)				
20.64 m ² qty vide TMBP (12) item (33)				
40.32 m ² qty vide TMBP (22) item (50)				
117.28 m² @ Rs. 103.21/m² — Rs. 12104=00				
17/2 Providing and laying 100 mm NPS for culverts on first class bedding of PCC M10 -				
7.50 m qty vide TMBP (32) item (36)				
@ Rs. 3698.09/m — Rs. 27736=00				
18/4 Const ⁿ of granular sub-base by providing well graded material of gr II				
150.218 m ³ qty vide TMBP (12-13)				
item (55) @ Rs. 2036.84/m ³ — Rs. 305970=00				
19/5 Providing, laying, spreading and compacting stone agg. & WBM grading 2. material				
94.876 m ³ qty vide TMBP (13-14)				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
item (39) @ Rs. 3734.51/m ³ - Rs. 354315=00					
20/6 Providing, laying, spreading and compacting stone agg. & WBM gradings 3. material					
425.734 m ³ Qty vide TMBP (15-17)					
415.870					
item (40) @ Rs. 3470.88/m ³ - Rs. 1443435=00					
21/7 Providing & applying primer coat with (SS-1) emulsion					
3634.068 m ² Qty vide TMBP (17-18)					
item (41) @ Rs. 52.93/m ² - Rs. 192351=00					
22/8 Providing & applying tack coat with bitumen emulsion. (RSS) &					
3634.068 m ² Qty vide TMBP (18) item (42)					
3634.068 m ² Qty vide TMBP (18) item (44)					
7268.136 m ² @ Rs. 17.58/m ² - Rs. 127774=00					
23/9 Providing, laying & rolling of close graded premix surfacing material of 20mm.					
3634.068 m ² Qty vide TMBP (18)					
item (43) @ Rs. 218.43/m ² - Rs. 793789=00					
24/10 Providing & laying SDBC with 100-120 TPH.					
90.856 m ³ Qty vide (19) item (45)					
@ Rs. 11556.48/m ³ - Rs. 1049976=00					
25/11 Cement concrete pavement					
281.384 m ³ Qty vide TMBP (20-21)					
246.44 m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
item (46) @ Rs. 6442.85/m ³ - Rs. 15,87,776=00					
(26/3) Const ⁿ of subgrade & Earthen shoulders with approved material -					
548.28 m ³ Qty vide TMBP (21)					
item (47) @ Rs. 190.21/m ³ - Rs. 104288=00					
(27/4) Brick masonry in cm (1:3) in parapet -					
5.76 m ³ Qty vide TMBP (21-22)					
item (48) @ Rs. 6096.66/m ³ - Rs. 35117=00					
(28/40) Culvert plastering with cement mortar (1:4)					
40.32 m ² Qty vide TMBP (22)					
item (49) @ Rs. 154.02/m ² - Rs. 6210=00					
(29/26) Providing & Laying of reinforced cement concrete pipe duct 300mm dia.					
7.5m Qty vide TMBP (22) item (51) @ Rs. 956.61/m - Rs. 7175=00.					
(30) Reinforced cement concrete M15 grade Kilometer local Stone.					
(1/2) Km stone					
2 Nos. Qty vide TMBP (22) item (52) @ Rs. 2289.51/No - Rs. 4579=00.					
(24/13) 200 m Stone					
8 Nos. Qty vide TMBP (22) item.					

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
52(ii)(a) Rs. 655.07/No				Rs. 2411.00
(32) Providing and laying of applied thermoplastic comp. over pavement.				
i/2) 76.70 m ² qty vide TMBP (?)				
item 52(i)(a) Rs. 753.16/m ²				Rs. 72231.00
ii/2) over RT Portion				
252.30 m ² qty vide TMBP (?)				
item 52(i)(a) Rs. 722.38/m ²				Rs. 182256.00
(33) Providing and laying of Retro-reflective cautionary, mandatory and informative sign board -				
i/6) 600 mm equilateral Δ				
6 Nos. qty vide TMBP (?)				
item 54(ii)(a) Rs. 3492.07/No - Rs. 20956.00				
ii/7) 600 mm Circular.				
6 Nos. qty vide TMBP (?) item				
54(iii)(a) Rs. 4666.91/No - Rs. 28001.00				
iii/8) 600 x 600 mm rectangular				
2 Nos. qty vide TMBP (?) item				
54(iii)(a) Rs. 6488.37/No - Rs. 12977.00				
iv/9) 900 mm wide octagon -				
2 Nos. qty vide TMBP (?)				
item 54(iv)(a) Rs. 8263.60/No - Rs. 16527.00				
				79,24,857.00
				9,50,987.00
Add 12 to GST (+)				
Add 1 to L/C (+)				79,24,900.00
Add Seigniorage fee (+)				83,60,800.00
				90,38,697.00
Below 0.25% approx. agg. (-)				22,597.00
				90,16,100.00

Subd.
2/5/22

20/05/2022

CLP
20/05/22

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material Statement</u>					
① E/W - 548.28 m ³ @ Rs 34.82 = 19091/-					
② 26.6 mm to 9.5 mm agg. - 67.147 m ³ @ Rs. 647.19/m ³ - 43457/-					
③ 9.5 mm to 2.36 mm agg. - 48.07 m ³ @ Rs. 506.92/m ³ - 24367/2					
④ 2.36 mm below - 79.779 m ³ @ Rs. 141.85/m ³ - 11317/2					
⑤ 63 mm to 45 mm agg. - 114.80 m ³ @ Rs. 473.70/m ³ - 54381/2					
⑥ Stone Screening Material - 125.427 m ³ @ Rs. 392.53/m ³ - 49234/2					
⑦ Binding material. - 7.59 m ³ @ Rs. 158.38/m ³ - 1202/2					
⑧ 53 mm to 22.4 mm agg. - 503.203 m ³ @ Rs. 503.85/m ³ - 253539/-					
⑨ 13.2 mm to 0.09 mm agg. - 98.12 m ³ @ Rs. 515.53/m ³ - 50584/2					
⑩ 9.5 mm to 4.75 mm agg. - 75.683 m ³ @ Rs. 573.71/m ³ - 43420/2					
⑪ 4.75 mm below - 54.44 m ³ @ Rs. 249.22/m ³ - 13568/2					
⑫ Coarse Sand - 219.336 m ³ @ Rs. 175.80/m ³ - 38559/2					
⑬ 40 mm agg. - 92.952 m ³ @ Rs. 486.92/m ³ - 45260/2					
⑭ 20 mm agg.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
- 68.883 m ³ @ Rs. 595.36/m ³					41010/-
(15) 10 mm agg.					
- 30.426 m ³ @ Rs. 657.91/m ³					20018/-
(16) Coarse agg.					
- 221.796 m ³ @ Rs. 572.92/m ³					127071/-
(17) Seigniorage of Rupees					836078/-
is -					83,608/-
(17) Cement - 156.879 ton					
(18) Brick - 2880 Nos.					
(19) SS-1 emulsion - 3.089 MT					
(20) RS-1 emulsion - 1.962 MT					
(21) Vg 10 Bitumen - 6.352 MT					
(22) Vg 30 Bitumen - 10.483 MT					

Debar
20/05/22
J.E.

~~21/05/2022~~
A.E.

B.F. 90,16,100.00

Received Allotment from BRRDA
 Patna vide letter No. 35 dt 13.10.22
 33
 Sch. XLV-Form No. 134

Rs- 90,16,100.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Is+ on a/c Bill					
Memo of payment					
Bill value -					90,16,100.00
① G.T. @ 2% -					1,80,325.00
② C.GST @ 1% -					90,161.00
③ S.GST @ 1% -					90,161.00
④ L.Cess @ 1% -					90,161.00
⑤ Roy.					34,544.20
⑥ S.Fee					83,608.20
⑦ S.D. @ 5% -					4,50,805.00
⑧ By cheque -					79,96,335.00
Total -					90,16,100.00

Vr. No. dt

passed for Rs. 90,16,100.00

(Rupees ninty lakh sixteen
 Thousand one hundred) only

REL

19/10/22

Executive Engineer
 Rural Works Deptt.
 Work Division Paliga

19/10/22

19/10/22

2nd & final Bill.

34

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Repair & five year maint ⁿ of Rd. from NH 98 Chiraura to Naubatspur					
Khasaul PWD Path under New maint ⁿ Policy 2018.					
Agency - S.B. Engicon. Pvt. Ltd.					
Vill - Royal City, Saguna More Danapur, Patna					
Agreement No. - MBD/New maint. Policy 2018 / MR-3054/2021-22					
Date of Commencement - 25-01-22.					
Measurement					Nil.
Super - J.E.					
23/10/22					

Abstract of Cost.

- (1/14) Providing & fixing of typical MMSY informational sign board with logo.
- 2 Nos. Qty vide TMBP (24)
- item (1) @ Rs. 9601.29/each Rs. 19203.20
- (2/1) Cleaning & Grubbing.
- 0.36 hect. Qty vide TMBP (24)
- item (2) @ Rs. 56083.43/hect. - Rs. 20190.20
- (3/2) Scarifying existing bituminous surface.
- 823.50 m² Qty vide TMBP (24)
- item (3) @ Rs. 15.82/m² — Rs. 13028.20

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	I.	II.	
(1/20) Dismantling of existing structures like culvert				
10.53 m ³ Qty vide TMBP (24)				
item (1) @ Rs. 439.86/m ³ Rs. 4632.00				
(2/21) Dismantling of existing structures like culvert				
80.17 m ³ Qty vide TMBP (24)				
item (2) @ Rs. 24226/m ³ Rs. 198682.00				
(3/22) Removing all types of flume pipe & stalling				
7.50 m Qty vide TMBP (25)				
item (3) @ Rs. 19181/m - Rs. 14392.00				
(4/23) C/P in excavation				
180.22 m ³ Qty vide TMBP (25)				
item (4) @ Rs. 323.43/m ³ Rs. 58287.00				
(5/23) Sand filling in foundation trench				
2.64 m ³ Qty vide TMBP (25)				
item (5) @ Rs. 530.70/m ³ Rs. 1401.00				
(7/24) Providing PCC M15 (1:2:5)				
concrete for plain concrete				
123.00 m ³ Qty vide TMBP (25)				
item (7) @ Rs. 5339.30/m ³ Rs. 65671.00				
(10/25) Plain/reinforced cement concrete (M20)				
94.20 m ³ Qty vide TMBP (26)				
item (10) @ Rs. 6064.12/m ³ Rs. 571240.00				

Particulars.	Details of actual measurement				Contents of area
	No.	L	B	D.	
(11/37) Providing & erecting in brick masonry - 48 Nos. Qty vide TMBP (26) Item (11) @ Rs. 118.46/m ² - Rs. 5685.28					
(12/38) Drainage spouts complete as per drawing - 4 Nos Qty vide TMBP (29) item (12) @ Rs. 452.70/each - Rs. 1812.80					
(13/35) Supplying, fitting and placing HYSD bar - 1224.64 kg i.e. 1.225 MT Qty vide TMBP (26) Item No. (13) @ Rs. 70443.38/MT - Rs. 86293.20					
(14/34) Providing & laying reinforced cement concrete in superstructure - 40.094 m ³ Qty vide TMBP (27) item (14) @ Rs. 7189.48/m ³ - Rs. 72570.20					
(15/36) Providing and filling joint sealing compound as per drawing - 24.00 m Qty vide TMBP (27) item (15) @ Rs. 45.04/m - Rs. 1081.20					
(16/38+39) Painting on parapet wall with primer coat 117.28 m ² Qty vide TMBP (27) item (16) @ Rs. 103.21/m ² - Rs. 12104.20					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17/27 Providing and laying, RCC pipe MP3 for culverts on first class bedding of PCC M10. 7.50 m Qty vide TMBP (27) item (17) @ Rs. 3698.09/m - Rs. 2773620					
18/4 Const ⁿ of granular sub- base by providing well graded material of grit. 150.218 m ³ Qty vide TMBP (27) item (18) @ Rs. 2036.84/m ³ - Rs. 30597020					
19/5 Providing, laying, spread- ing and compacting stone agg. & WBM Grading 2 - 94.876 m ³ Qty vide TMBP (27) item (19) @ Rs. 3734.51/m ³ - Rs. 35431500					
20/6 Providing, laying, spread- ing and compacting. stone agg. & WBM Gr. III 415.870 m ³ Qty vide TMBP (28) item (20) @ Rs. 3470.88/m ³ - Rs. 14434350					
21/7 P/V & applying primer coat with (SS-1) emulsion. 8634.068 m ² Qty vide TMBP (28) item (21) @ Rs. 52.93/m ² - Rs. 45777400					
22/8 P/V & applying tack coat with RS-1 emulsion -					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7268.136 m ² Qty vide TMBP					
(22) item (22) @ Rs. 17.58/m ² — Rs. 127774.20					
(23/9) P/v, laying & rolling of close graded premium surfacing material of 20mm.					
3634.068 m ² Qty vide TMBP (23)					
item (23) @ Rs. 218.43/m ² — Rs. 793789.20					
(24/10) Providing & laying SDBC with 100-120 T.P.M.					
70.856 m ³ Qty vide TMBP (24)					
item (24) @ Rs. 11556.48/m ³ — Rs. 1049976.20					
(25/11) Cement concrete pavement					
246.44 m ³ Qty vide TMBP (25)					
item (25) @ Rs. 6442.85/m ³ — Rs. 1587775.20					
(26/3) Const ⁿ of subgrade & earthen shoulders with approved material					
548.28 m ³ Qty vide TMBP (26)					
item (26) @ Rs. 190.21/m ³ — Rs. 104288.20					
(27/41) Brick masonry in c.m. (1:3) in parapet.					
5.76 m ³ Qty vide TMBP (27) item No. (27) @ Rs. 6096.66/m ³ — Rs. 35117.20					
(28/40) Culvert plastering with cement mortar (1:4)					
40.32 m ² Qty vide TMBP (28)					
item (28) @ Rs. 154.02/m ² — Rs. 6210.20					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(29/26) P/v & Laying of reinforced cement concrete pipe duct 300 mm dia.					
7.5 m Qty vide TMBP (29)					
item (29) @ Rs. 956.61/m - Rs. 7175.20					
(30/12) Run Stone					
2 Nos. Qty vide TMBP (29)					
item (30) @ Rs. 2289.5/m - Rs. 4579.20					
(31/13) 200 m Stone.					
8 Nos. Qty vide TMBP (29)					
item (30 ii) @ Rs. 655.07/m - Rs. 5241.20					
(32/12) Providing & Laying hot applied thermoplastic compound.					
over BT Portion.					
252.30 m ² Qty vide TMBP (29)					
item 31(ii) @ Rs. 722.38/m ² - Rs. 182256.20					72831.20
(33/21) P/v & Laying hot thermoplastic compound over CC road.					
252.30 96.70 m ² Qty vide TMBP (29)					
item 31(ii) @ Rs. 753.16/m ² - Rs. 72831.20					
(34/16) 600 mm equilateral D					
6 Nos. Qty vide TMBP (29)					
item 32(i) @ Rs. 3492.67/m - Rs. 20956.20					
(35/17) 600 mm Circular					
6 Nos. Qty vide TMBP (29)					
item 32(ii) @ Rs. 4666.9/m - Rs. 28001.20					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(36/18) 800 x 600 mm []					
2 Nos. Qty vide TMBA (30)					
item 34(ii) @ Rs. 6488.32/No-Rs. 12977200					
(37/19) 900 mm side Octagon					
2 Nos. Qty vide TMBP (30)					
item 32(iv) @ Rs. 8263.60/No-Rs. 16527200					
					Rs. 79,24,857200
Add 12% GST (+)					9,50,983200
Add 1% L/C (+)					79,249200
Add S. fee (+)					83,608200
					Rs. 90,38,697200
Less 0.25% as per agg(-)					22,597200
Less previous payment (-)					Rs. 90,16,100000 Rs. 90,16,100000
Surplus					Nil
23/10/22					
J.E.					