

2st on ATC

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:-					
of Road from Rasgir Nari gain					
Road to Sir Balara					
Agency:-					
Agreement also:-					
Date of entry:-					
Date of completion:-					
Record entry.					
(1) clearing and grubbing					

Road Land.					
2x 15 Nos	x 30.00	x 1.0	=	900 m ²	
2x 15 Nos	x 30.00	x 1.0	=	900 m ²	
2x 6 Nos	x 30.00	x 1.0	=	360 m ²	
2x 1 No	x 20.00	x 1.0	=	40 m ²	
				2200 m ²	
				or	0.22 Hect
(2) scarifying existing bituminous surface.					
8 Nos	x 3.0	x 2.0	=	48 m ²	
10 Nos	x 2.5	x 1.0	=	25 m ²	
15 Nos	x 3.50	x 1.20	=	63 m ²	
20 Nos	x 1.50	x 1.0	=	30 m ²	
30 Nos	x 1.0	x 1.0	=	30 m ²	
				196 m ²	

Continuation

B-F 196.00 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	18 Nos	1.30	1.20	=	28.08 m ²
	14 Nos	1.15	1.05	=	16.91 m ²
	28 Nos	1.35	1.25	=	45.74 m ²
					286.73 m ²

(3) construction of subgrade and earthwork

2 x 10 Nos	x 30.00 x 1.5 x .6	= 540.00 m ³
2 x 10 Nos	x 30.00 x 1.5 x .60	= 540.00 m ³
2 x 8 Nos	x 30.00 x 1.00 x .60	= 288.00 m ³
2 x 10 Nos	x 30.00 x 1.40 x .45	= 297.00 m ³
		1665.00 m ³

(4) P.V. Granular Sub-base G.S.D. Gr II.

Pot Measurement					
3	5.61	2.16	0.175	=	6.36
5	6.33	2.06	0.175	=	11.41
5	6.17	1.62	0.175	=	8.75
5	1.14	1.76	0.175	=	1.76
3	5.97	1.38	0.175	=	4.33
5	2.33	1.24	0.175	=	2.53
6	1.50	1.10	0.175	=	1.73
6	1.89	1.28	0.175	=	2.54
4	1.12	1.60	0.175	=	1.25
2	1.35	0.80	0.175	=	0.38
5	4.14	1.34	0.175	=	4.85
1	0.75	2.08	0.175	=	0.27
1	2.32	0.79	0.175	=	0.32

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	5	7.20	2.06	0.175	= 12.98 ✓
	2	4.74	0.64	0.175	= 1.06 ✓
	2	6.16	1.60	0.175	= 3.45 ✓
	2	6.93	2.34	0.175	= 5.68 ✓
	4	1.54	0.71	0.175	= 0.77 ✓
					70.423 ✓
(5) PIV 20. B.M. Gr II					
POT Measurement -					
	5	7.83	0.91	0.075	= 2.67 ✓
	3	5.62	1.47	0.075	= 1.86 ✓
	7	1.54	1.12	0.075	= 0.91 ✓
	4	1.39	0.93	0.075	= 0.39 ✓
	3	3.87	0.69	0.075	= 0.60 ✓
	6	4.81	1.1	0.075	= 2.40 ✓
	5	2.87	1.78	0.075	= 1.92 ✓
	7	5.51	1.71	0.075	= 4.95 ✓
	1	5.88	0.97	0.075	= 0.43 ✓
	6	6.02	1.10	0.075	= 2.98 ✓
	7	2.62	0.58	0.075	= 0.80 ✓
	2	6.04	1.84	0.075	= 1.67 ✓
	7	7.4	1.15	0.075	= 4.47 ✓
	4	7.94	0.91	0.075	= 2.17 ✓
	8	4.88	1.43	0.075	= 4.19 ✓
	6	1.82	0.73	0.075	= 0.60 ✓
	2	3.22	0.83	0.075	= 0.40 ✓
	2	2.19	1.04	0.075	= 0.34 ✓
	2	4.71	0.63	0.075	= 0.45 ✓

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	7.05	1.7	0.075	= 1.8 ✓
	5	2.87	1.7	0.075	= 1.83 ✓
	5	0.96	0.73	0.075	= 0.26 ✓
	2	4.68	1.63	0.075	= 1.14 ✓
	2	6.79	1.47	0.075	= 1.50 ✓
	3	1.64	1.33	0.075	= 0.49 ✓
	2	4.74	1.1	0.075	= 0.78 ✓
					42.00 m ² ✓

(6) PIV W.B.M Gravel

pot measurement

	5	1.05	0.75	0.075	= 0.30 ✓
	9	1.68	1.20	0.075	= 1.36 ✓
	5	2.80	2.0	0.075	= 2.10 ✓
	12	1.89	1.35	0.075	= 2.30 ✓
	1	2.01	1.43	0.075	= 0.22 ✓
	5	1.63	1.16	0.075	= 0.71 ✓
	7	2.51	1.79	0.075	= 2.36 ✓
	4	0.59	0.42	0.075	= 0.07 ✓
	5	1.21	0.86	0.075	= 0.39 ✓
	4	2.44	1.74	0.075	= 1.27 ✓
	8	2.15	1.53	0.075	= 1.97 ✓
	7	2.31	1.65	0.075	= 2.0 ✓
	9	0.63	0.45	0.075	= 0.19 ✓
	5	1.94	1.38	0.075	= 1.00 ✓
	5	1.08	0.77	0.075	= 0.31 ✓
	8	1.63	1.16	0.075	= 1.13 ✓
	12	1.92	1.37	0.075	= 2.37 ✓

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	9	1.47	1.05	0.075	= 1.04 ✓
	5	1.85	1.32	0.075	= 0.92 ✓
	9	2.65	1.89	0.075	= 3.38 ✓
	12	0.87	0.62	0.075	= 0.49 ✓
	5	0.83	0.59	0.075	= 0.18 ✓
	2	2.65	1.89	0.075	= 0.75 ✓
	4	2.47	1.76	0.075	= 2.130 ✓
	2	2.26	1.61	0.075	= 0.55 ✓
	9	1.24	0.88	0.075	= 0.74 ✓
	9	2.36	1.68	0.075	= 2.68 ✓
	9	2.36	1.68	0.075	= 2.68 ✓
	12	1.68	1.20	0.075	= 1.81 ✓
	11	2.02	1.44	0.075	= 2.40 ✓
	3	2.30	1.64	0.075	= 0.57 ✓
	11	1.89	1.35	0.075	= 2.10 ✓
	11	2.03	1.45	0.075	= 2.43 ✓
	9	0.75	0.53	0.075	= 0.27 ✓
	14	1.73	1.23	0.075	= 2.23 ✓
	9	0.73	0.52	0.075	= 0.26 ✓
	14	2.36	1.68	0.075	= 4.16 ✓
	9	2.1	1.50	0.075	= 2.13 ✓
	7	2.26	1.61	0.075	= 1.91 ✓
	9	2.23	1.59	0.075	= 2.39 ✓
	12	2.38	1.70	0.075	= 3.64 ✓
	9	1.01	0.72	0.075	= 0.49 ✓
	11	1.98	1.41	0.075	= 2.30 ✓
	5	1.78	1.27	0.075	= 0.85 ✓

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	12	0.87	0.62	0.075	≈ 0.49
	5	0.98	0.70	0.075	≈ 0.26
					65.45 m ³
curve - $2 \times 5.0 \div 2$			3.75	$\times 0.075$	≈ 0.68 m ³
					66.13 m ³
(7) prime coat: - P.V.					
Applying primer coat -					
with bituminous emulsion					
S-5-D.					
index item (6)					$\frac{66.13}{0.075} = 881.73$
(8) patch work over W.B.M.					
using mix seal surfacing					
index item No (7)					881.73
C.C. portion		12	3.30	$\times 1.60$	63.58
		8	3.00	$\times 1.00$	24.00
		14	2.75	$\times 1.20$	46.20
		10	3.50	$\times 1.50$	52.50
		15	2.00	$\times 1.60$	48.00
		14	2.05	$\times 1.00$	28.70
					1121.69
curve - $6 \times 4.4 \div 2$			3.75	$\times 1.20$	4.50
					1126.19
limit					1135.19
(9) Tack coat: - P.V.					
Applying tack coat with					
bituminous emulsion					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
R-S-2					
36 Nos $\times 30M \times 3.75 =$					40.50 m ²
1 No $\times 20M \times 3.75 =$					75 m ²
side of 8. c.c. portion =					242.86 m ²
curved 12 M $\times \frac{5.0+4.0}{2} \times 3.75 =$					3.00 m ²
do - 15 M $\times \frac{5.50+4.50}{2} \times 3.75 =$					18.75 m ²
					4376.96 m ²
					4395.71 m ²

(10) Providing and laying

Semi dense Bituminous

Concrete

15 Nos $\times 30M \times 3.75 \times 0.025 = 42.19 m^3$ 15 Nos $\times 30M \times 3.75 \times 0.025 = 42.19 m^3$ 6 Nos $\times 30M \times 3.75 \times 0.025 = 16.88 m^3$ 1 No $\times 20M \times 3.75 \times 0.025 = 1.88 m^3$ curved 1 $\times 12.0 \times \frac{5.0+4.0}{2} \times 3.75 \times 0.025 = 0.225 m^3$ do 1 $\times 15.0 \times \frac{5.50+4.50}{2} \times 3.75 \times 0.025 = 0.468 m^3$ do 1 $\times 14.0 \times \frac{5.60+4.60}{2} \times 3.75 \times 0.025 = 0.472 m^3$ 104.30 m³limi 4 - 104.16 m³

(11) (i) ordinary R.M. - 3 Nos.

(ii) 200 mm stone post - 4 Nos.

(12) (i) 600 mm equilateral triangle - 10 Nos.

(ii) 600 mm circular - 2 Nos.

(iii) 600 $\times$ 450 mm Rectangular - 2 Nos.

(13) Road marking with

hot applied Thermoplastic

Continuation

Scanned with CamScanner

Abstract of cost.

9

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) clearing and grubbing the road land.					
vide T.M.B. P-(1) = 0.22 Hectre.					
					@ Rs 49530-91 / Rs 10897.20
(2) scarifying existing bituminous surface -					
vide T.M.B. P-(4) = 286.73 m ²					
					@ Rs 15.32 / m ² Rs 4393.20
(3) Construction of subgrade and earthen shoulder -					
vide T.M.B. P-(3) = 1665 m ³					
					@ Rs 176.81 / m ³ Rs 294359.20
(4) P.V Granular sub base as per specification					
vide T.M.B. P-(3) = 70.42 m ³					
					@ Rs 1273-15 / m ³ Rs 89655.20
(5) Providing W.B.M Gr II with screening materials					
vide T.M.B. P-(4) = 42.40 m ³					
					@ Rs 1994-30 / m ³ Rs 83761.20
(6) Providing W.B-M Gr III with screening materials					
vide T.M.B. P-(6) = 66.13 m ³					
					@ Rs 1905-75 / m ³ Rs 125980.20
(7) Prime coat: - PTV and applying primer coat					
					Rs 126027.20
					Rs 125980.20

Continuation

Rs 609075.20

609122.20

609075.20

B.F.R. 609075

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
with bitumen emulsion					
S.S.D.					
vide T.M.B.P. - (6)					$= 881.73 \text{ m}^2$
					@ $\text{Rs } 41.06/\text{m}^2$ $\text{Rs } 36190.20$
(8) patch work over W.B.M.					36190.20
using mix seal surfacing					
vide T.M.B.P. - (6)					$= 1125.14 \text{ m}^2$
					@ $\text{Rs } 163.82/\text{m}^2$ $\text{Rs } 184321.20$
9) Tack coat. — P.V. and					
applying tack coat with					
bitumen emulsion R.S.F.					
vide T.M.B.P. - (7)					$= 24395.71 \text{ m}^2$
					@ $\text{Rs } 13.93/\text{m}^2$ $\text{Rs } 61232.20$
(10) S.D.B.C. — P.V. and laying					
semi dense bituminous					
concrete as per specification					
vide T.M.B.P. - (7)					$= 104.16 \text{ m}^3$
					@ $\text{Rs } 7925.34/\text{m}^3$ $\text{Rs } 825511.20$
(11)(i) ordinary R.M.					
vide T.M.B.P. - (7)					$= 3 \text{ Nos}$
					@ $\text{Rs } 1960.76/\text{unit}$ $\text{Rs } 5882.28$
(ii) 200 mm stone — 4 Nos					
					@ $\text{Rs } 578.37/\text{unit}$ $\text{Rs } 2313.20$
(12)(i) 600 mm equilateral triangle					
vide T.M.B.P. - (7)					$= 10 \text{ Nos}$
					@ $\text{Rs } 3533.00/\text{unit}$ $\text{Rs } 35330.00$

Continuation

Rs 1759854.00

1759915

1759854.00

B.P. 175785420

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 600 mm circular 2 Nos	Ch	3633	34	1	726720
(iii) 600 x 450 mm Rectangular 2 Nos	Ch	3502	93	1	700600
(13) Road painting with lot applied thermo plastic compound vide T.M.B.P. (8) 220 m ²	Ch	735	28	2	1618800
(14) (i) Plaster fixing main fence project & main fence board vide T.M.B.P. (8) 23 Nos	Ch	9234	07	1	2770200
(ii) Bounding pillar 13 Nos	Ch	486	60	1	632620
(15) (i) Brick work in c.m. (1:3) in parapet vide T.M.B.P. (8) 22.88 m ³	Ch	5511	46	1	1587320
(ii) plastering with c.m. (1:4) for brick vide T.M.B.P. (8) 44.16 m ²	Ch	155	85	2	688200
(iii) providing two coat painting on new surface 947 = 44.16 m ²	Ch	95	44	2	421520

Continuation

B. 19970650

19970050

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
b) Planting of Tree and Their maintenance money.					
Side T.M.R. P-(8)-55 Nos					
					Cd 797-08/pwd/b 43749m
	2040954				2040954
					2044015
Less 1.67% As Agreement					34084m 34084m
					2006870m
					2006870m
Ad 1% Labour Less (+)					200692m
					240824m
Ad 12% G.S.T (+)					240832m
					2267763m
					2267763m
					2267831m
					2210712m
					2210712m
					2210712m

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>State ment of materials.</u>					
(i) S/Metal =	184.84 m ³			@ 458.12/m ³	84672
(ii) L-Sand =	35.91 m ³			@ 116.85/m ³	41962
(iii) Screes =	24.63 m ³			@ 345.21/m ³	850320
(iv) S-Sand =	3.70 m ³			@ 150.80/m ³	55820
v) S/chips =	171.70			@ 614.17/m ³	105453
vi) Bricks =	1440 nos			@ 49.60%	714200
vii) S-S-P Emulsion					749 kg.
viii) R-S-P Emulsion					1208-828 kg
ix) S-90 Bitumen					13-94 MT.

1/15

22-7-22

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Continuation

12+ area only

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① 2.0 - 51 -				113388 cum	
② 9.7 - 21 -				45355 cum	
③ 0.0 - 14 -				22678 cum	3
④ 0.0 - 14 -				22678 cum	1
⑤ 0.0 - 14 -				22678 cum	1
⑥ 0.0 - 14 -				22678 cum	1
⑦ 0.0 - 14 -				60161 cum	1
⑧ 0.0 - 14 -				27074 cum	
⑨ 0.0 - 14 -				314009 cum	
⑩ 0.0 - 14 -				195375 cum	
Total -				2267763 cum	
Amount for B -				2267763 cum	
Twenty two lakh Sixty Seven					

Amount Seven hundred Sixty -
Three only -

Executive Engineer
Rural Work Department
Nimchok Bath
11/8/22

2nd and final bill	
Name of work: - Maintenance of Road from Rajgir Waringan Road to Sirg Badary	
Agency: - M/s Adarash Construction	
Date of entry: - 10-6-21	
Date of completion: - 9-6-22	
(1) clearing and grubbing.	
vide T.M.B.P - (9) 20-22 Hect -	
	@ 149530.51 / 108972
(2) scarifying existing bituminous surface.	
vide T.M.B.P - (9) 2286-73 m ²	
	@ 1532 / m ² 1439326

Continuation

B.P.R. 1529020

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Construction of subgrade and earthen shoulder					
vide T.M.B.P-(9)					21665 m^3
					@ $176.81/\text{m}^3$ 1294389 ru
(4) P.V Granular subbase					
vide T.M.B.P-(9)					27042 m^3
					@ $1273.15/\text{m}^3$ 1896552 ru
(5) P.V W.B.M. Grade-II					
vide T.M.B.P-(9)					24200 m^3
					@ $1994.30/\text{m}^3$ 1837612 ru
(6) P.V W.B.M. Grade-III					
vide T.M.B.P-(9)					266108 m^3

					@ $1925.75/\text{m}^3$ 125980 ru
(7) P.V prime coat with bituminous emulsion S.S.P.					
vide T.M.B.P-(10)					2881.93 m^2
					@ $41.06/\text{m}^2$ 136190 ru
(8) patch work over W.B.M using mix sand surfacing					
vide T.M.B.P-(10)					21125.14 m^2
					@ $163.82/\text{m}^2$ 184321 ru
(9) P.V Tack coat with bituminous emulsion R.S.P.					
vide T.M.B.P-(10)					4395.71 m^2
					@ $13.93/\text{m}^2$ 61232 ru

Continuation

B 89081820

B-PB-89081822

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) PIV S.D.B.C. as per specifications					
vide T.M.B.P. - (10) 2 Nos					
(11) ordinary K.M.					
vide T.M.B.P. - (10) 2 Nos					
(12) 200 M stone post.					
4 Nos					
(13) 600 mm equilateral Triangle					
vide T.M.B.P. - (10) 2 Nos					
(14) 600 mm circular					
2 Nos					
(15) 600 x 450 mm Rectangular					
2 Nos					
(16) Road Marking with					
dot applied thermoplastic					
vide T.M.B.P. - (11) 220.0 m ²					
(17) PIV & fixing Logo					
Maintenance project &					
Maintenance board.					
vide T.M.B.P. - (11) 3 Nos					

Continuation

B-P-1963709

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) Boundary at 11ax					
13 Nos @ 486-60/-					86326m
(15X) PIV 85120 mite cm (123)					
wide T.M.B.P - (12) = 2.88m					
@ 5511.46/m					158732
(ii) plastering in cm (124)					
Sty = 44.16m ² @ 155-85/-					68892m
(10) PIV two coat painting					
Sty = 44.16m ² @ 95.44/m ²					42152m
(16) planting of Tree and					
Their Maintenance					
wide T.M.B.P - (12) = 55 Nos					

				@ 799.08/-	439492m
					20409542m
Less 1.67% As Agreement					340842m
					20068702m
Add 1% Labour					200692m
Add 12% G.S.T (+)					2408242m
					22677632m
Less previous payment					22677632m
Balance					00000000
(1) work has been completed					
as per specification					30.8.22
					J.E.
					30.8.22
					J.E.
					30.8.22
					J.E.

Continuation

[illegible]