

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: — Maintenance of road from Seradar Road to Dholak Bigha					
Agency: — M/S Adarsh Construction					
Agreement No: — 02 MBD/21-22					
Date of entry: — 10-6-21					
Date of completion: — 9-6-22					
Record Entry —					

(1) clearing and grubbing.

Road Land

2x 10 Nos x 30.0 x 1.02	600m ²
2x 15 Nos x 30.0 x 1.02	900m ²
2x 8 Nos x 30.0 x 1.02	480m ²
2x 1 No x 10.0 x 1.02	20m ²
	2000m ²
	or 0.20 Hectare

(2) scarifying existing Bituminous surface

15 Nos x 2.5M x 1.30 =	48.75m ²
12 Nos x 2.0M x 1.20 =	28.80m ²
22 Nos x 3.0M x 1.0 =	66.00m ²
33 Nos x 1.55 x 0.85 =	43.48m ²
	187.03m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) construction of sub grade and external shoulder					
2x10 Nos	x30	0x	1-0x	30=180m ³	
2x15 Nos	x30	0x	1-0x	30=270m ³	
2x6 Nos	x30	0x	90x	30=9720m ³	
2x1 No	x20	0x	90x	30=1080m ³	
2x1 No	x50	0x	1-0x	30=300m ³	
					5880m ³

(4) P/V Granular sub base as per specification					
POT measurement Gr II.					
4	3.12	0.96	0.175	2.1	
1	1.25	0.95	0.175	0.21	

5	6.59	0.83	0.175	4.79	
3	5.57	0.81	0.175	2.37	
1	5.13	0.44	0.175	0.40	
3	1.70	1.05	0.175	0.94	
2	5.07	1.1	0.175	0.95	
5	4.31	1.1	0.175	4.19	
1	2.47	0.57	0.175	0.25	
1	2.09	0.96	0.175	0.35	
7	4.77	0.68	0.175	3.97	
2	4.72	1.08	0.175	1.78	
1	4.83	0.50	0.175	0.42	
7	0.67	0.67	0.175	0.55	
7	4.77	1.14	0.175	6.66	
3	2.97	0.78	0.175	1.22	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	6	4.55	0.39	0.175	1.86 ✓
	3	5.85	0.74	0.175	2.27 ✓
					36.28 m²
(5) PIV	N.B.N	Grade II			35.28 m ²
pot	Measurement				
	2	6.23	0.98	0.075	0.92 ✓
	2	2.28	1.31	0.075	0.45 ✓
	4	3.20	0.61	0.075	0.59 ✓
	1	6.54	0.82	0.075	0.40 ✓
	3	8.06	1.53	0.075	2.72 ✓
	5	5.60	1.66	0.075	3.49 ✓
	2	6.02	1.39	0.075	1.26 ✓
	4	3.78	0.50	0.075	0.57 ✓
	4	5.76	0.70	0.075	1.21 ✓
	7	2.25	0.99	0.075	1.17 ✓
	2	5.33	0.53	0.075	0.42 ✓
	7	1.26	1.03	0.075	0.88 ✓
	2	4.32	0.90	0.075	0.58 ✓
	3	2.66	1.28	0.075	0.77 ✓
	3	3.94	1.66	0.075	1.47 ✓
	6	5.15	0.49	0.075	1.14 ✓
	7	2.87	1.22	0.075	1.84 ✓
	4	7.19	1.24	0.075	2.67 ✓
					22.40 m²
(6) PIV	N.B.N	Grade II			
pot	Measurement				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) PIV W.B.M. Grade 10					
Pot measurement					
	6	8.48	1.47	0.075	= 5.61 ✓
	5	8.74	1.87	0.075	= 6.13 ✓
	6	4.41	1.83	0.075	= 3.63 ✓
	4	4.35	1.89	0.075	= 2.47 ✓
	7	2.87	1.16	0.075	= 1.45 ✓
	7	5.75	0.63	0.075	= 1.90 ✓
	4	7.53	1.21	0.075	= 2.73 ✓
	4	3.17	1.11	0.075	= 1.06 ✓
	2	4.70	1.64	0.075	= 1.16 ✓
	3	0.63	1.40	0.075	= 0.20 ✓
	7	2.13	0.45	0.075	= 0.50 ✓
	7	0.75	1.97	0.075	= 0.78 ✓
	5	4.49	1.1	0.075	= 1.85 ✓
	4	5.25	0.82	0.075	= 1.29 ✓
(6) 10/11	5	5.75	0.42	0.075	= 0.91 ✓
	5	1.91	1.73	0.075	= 1.24 ✓
	4	1.22	1.84	0.075	= 0.67 ✓
	5	5.53	1.59	0.075	= 3.38 ✓
(8) 10/11	5	4.93	1.38	0.075	= 2.55 ✓
	7	4.13	1.19	0.075	= 2.58 ✓
	5	5.25	1.14	0.075	= 2.24 ✓
	4	3.78	1.78	0.075	= 2.02 ✓
					46.27 ³
curves	9M	5.50 + 4.50			
		2			-3.75 x 0.075 = 0.84
					47.41 ³
					47.04 ³
					Limit +

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) Prime coat 2 — P.V. and applying Prime coat with bituminous emulsion S.S.D.					
Wider item also					
					$6 = \frac{47.04}{0.075} = 627.20 \text{ m}^2$
(8) Patch work over W.B.M using mix seal surface.					
Wider item (7)					$= 627.20 \text{ m}^2$
(9) Tack coat 2 — P.V. and applying Tack coat with bituminous emulsion R.S.D.					
10 Nos $8 \text{ m} \times 30 \text{ m} \times 3.75$					$= 1125.00 \text{ m}^2$
15 Nos $8 \text{ m} \times 30 \text{ m} \times 3.75$					$= 1687.50 \text{ m}^2$
8 Nos $8 \text{ m} \times 30 \text{ m} \times 3.75$					$= 900.00$
1 No $8 \text{ m} \times 10 \text{ m} \times 3.75$					$= 37.50$
					3750.00
Curve $98 \text{ m} \times \frac{5.50 + 4.00}{2}$					$= 38 \text{ m}^2$
					3788 m^2
					Limit - 3787.50 m^2
(10) P.V. and laying semi dense bituminous concrete rolling with smooth wheeled vibratory and tandem rollers as per specification					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10 Nos $\times$ 30M $\times$ 3.75 $\times$ 0.025					28.125
10 Nos $\times$ 30M $\times$ 3.75 $\times$ 0.025					28.125
13 Nos $\times$ 30M $\times$ 3.75 $\times$ 0.025					36.5625
1 No $\times$ 10M $\times$ 3.75 $\times$ 0.025					0.9375
curve - 8M $\times$ $\frac{5.50 + 4.0}{2}$ $\times$ 0.025					20.9375
					94.70m ²
			Limit		94.68m ²
(11) (i) ordinary K-M					3 Nos
(ii) 200M stake					4 Nos
(12) (i) 600mm equilateral triangle					6 Nos
(ii) 600mm circular					2 Nos
(iii) 600 $\times$ 450mm rectangular					2 Nos
(13) DPV and fixing logo of maintenance project and maintenance board.					241 = 3 Nos.
(14) Boundary pillar					12 Nos
(14) Road marking with hot applied thermoplastic compound.					
2 $\times$ 33 Nos $\times$ 30M $\times$ 100					198m ²
2 $\times$ 1 No $\times$ 10M $\times$ 1					2m ²
					200.0m ²
(15) (i) Brick mass array in c.m. (1:3) in parapet.					
2 $\times$ 5.0 $\times$ 60 $\times$ 50					3.0m ³

Continuation

Abstract of cost.			
(1)	clearing and Grubbing the road land.		
	side T.M.B.P-(1) = 0.20 Hect		
	@ Rs 49530.51/Hect		Rs 9906.20
(2)	scarifying existing bituminous surface.		
	side T.M.B.P-(2) = 187.03 m ²		
	@ Rs 15.32/m ²		Rs 2865.20
(3)	construction of subgrade and earthen shoulder.		
	side T.M.B.P-(3) = 588.00 m ²		
	@ Rs 176.81/m ²		Rs 103964.20
			Rs 116735.60

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) PIV Granular surf base as per specification					
vide T.M.B. P-(3) = 3528m ³					
				Q/s 1319.13/m ³	46827 47858
(5) PIV W.B.M. Grade II with screening materials					
vide T.M.B. P-(3) = 2240m ³					
				Q/s 2093.03/m ³	46884
(6) PIV W.B.M. Grade III with screening materials					
vide T.M.B. P-(4) = 47.036m ³					93723 93730
				Q/s 1992.57/m ³	93723
(7) Prime coat: — PIV and applying primer coat with bitumen emulsion S-S-D					
				627.143	
vide T.M.B. P-(5) = 627.20m ²					95763
				Q/s 41.08/m ²	25765
(8) Patch work over W.B.M. using mix seal surfacing					
vide T.M.B. P-(5) = 627.20m ²					103780
				Q/s 165.48/m ²	103780
(9) Tack coat: — PIV and applying tack coat with bitumen emulsion R-S-D					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide T.M.B. P-(5) = 3787.57 m ²					
					@ 13.73/m ² 52760.20
(10) S.D.B.C. - P/V and laying semi dense bituminous concrete with smooth wheeled vibratory roller as per specifications.					
vide T.M.B. P-(6) = 94.688 m ³					
					@ 8013.70/m ³ 75880.12
(11) (i) Ordinary K.M.					
vide T.M.B. P-(6) = 3 Nos.					
					@ 1970.82/ 59120.00
(ii) 200 m Stone					
4 Nos.					@ 580.09/ 2320.20
(12) (i) 600mm equilateral triangle					
vide T.M.B. P-(6) = 6 Nos.					
					@ 3537.79/ 21227.20
(ii) 600mm circular					
2 Nos.					@ 3638.13/ 7276.20
(13) 600x450mm Rectangular					
2 Nos.					@ 3507.77/ 7015.20
(13) (i) P.V. & wing logo of maintenance project - + Maintenance bond.					
vide T.M.B. P-(6) = 3 Nos.					
					@ 9243.55/ 27731.20

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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Boundary pillar					
12 Nos			4.87	3.6	5848.20
(14) Road marking with hot applied thermoplastic compound					
vide T.M.B.P. (6) = 200 m ²					
			735.82		147164.20
(15) (i) Brick masonry (123) in parapet					
vide T.M.B.P. (6) = 3.00 m ³					
			5511.46		16534.20
(ii) plastering with c-c (124) on brickwork					
vide T.M.B.P. (7) = 42.20 m ²					
			46.07		6563.20
(iii) P.V 1.5mm cement painting					
vide T.M.B.P. (7) = 42.20 m ²					
			46.07		1944.20
(16) planting of Tree and their maintenance					
vide T.M.B.P. (7) = 50 Nos					
			799.08		39954.20
153447320			1524491		15317720
less 1.67% As Agreement (c)			25626		25648.20
			1508865		1510144.20
Add 1% Labour cost (d)			1508847		1510121.20
Add 12% G.S.T (4)					181217.20

Continuation

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(i) S/Metal	$= 111.85 \text{ m}^3 @ \text{ } \text{Rs } 458.12/\text{m}^3$	$\text{Rs } 51241.20$
(ii) L-sand	$= 18.50 \text{ m}^3 @ \text{ } \text{Rs } 116.85/\text{m}^3$	$\text{Rs } 2162.20$
(iii) Screening	$= 15.72 \text{ m}^3 @ \text{ } \text{Rs } 345.22/\text{m}^3$	$\text{Rs } 5427.20$
(iv) S/chips	$= 151.38 \text{ m}^3 @ \text{ } \text{Rs } 614.17/\text{m}^3$	$\text{Rs } 92973.20$
(v) S-sand	$= 3.80 \text{ m}^3 @ \text{ } \text{Rs } 150.80/\text{m}^3$	$\text{Rs } 573.20$
(vi) Bricks	$= 1500 \text{ Nos} @ \text{ } \text{Rs } 49.60/\text{No}$	$\text{Rs } 7440.00$
(vii) S-S-D. emulsion	533 kg	
(viii) R-S-D. emulsion	1041 kg	
(ix) S-90 Bitumen	11.986 MT	

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① 2.0 - 5.7 -			85250	ans	
② 9.1 - 2.7 -			34100	ans	
③ 2.0 - 1.7 -			14050	ans	
④ 9.1 - 1.7 -			14050	ans	
⑤ 9.1 - 1.7 -			14050	ans	
⑥ 9.1 - 1.7 -			14050	ans	
⑦ 9.1 - 1.7 -			14050	ans	
⑧ 9.1 - 1.7 -			14050	ans	
⑨ 9.1 - 1.7 -			14050	ans	
⑩ 9.1 - 1.7 -			14050	ans	
⑪ 9.1 - 1.7 -			14050	ans	
⑫ 9.1 - 1.7 -			14050	ans	
⑬ 9.1 - 1.7 -			14050	ans	
⑭ 9.1 - 1.7 -			14050	ans	
⑮ 9.1 - 1.7 -			14050	ans	
⑯ 9.1 - 1.7 -			14050	ans	
⑰ 9.1 - 1.7 -			14050	ans	
⑱ 9.1 - 1.7 -			14050	ans	
⑲ 9.1 - 1.7 -			14050	ans	
⑳ 9.1 - 1.7 -			14050	ans	
㉑ 9.1 - 1.7 -			14050	ans	
㉒ 9.1 - 1.7 -			14050	ans	
㉓ 9.1 - 1.7 -			14050	ans	
㉔ 9.1 - 1.7 -			14050	ans	
㉕ 9.1 - 1.7 -			14050	ans	
㉖ 9.1 - 1.7 -			14050	ans	
㉗ 9.1 - 1.7 -			14050	ans	
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㊺ 9.1 - 1.7 -			14050	ans	
㊻ 9.1 - 1.7 -			14050	ans	
㊼ 9.1 - 1.7 -			14050	ans	
㊽ 9.1 - 1.7 -			14050	ans	
㊾ 9.1 - 1.7 -			14050	ans	
㊿ 9.1 - 1.7 -			14050	ans	

nine	hundred	ninety	seven

Executive Engineer
Rural Work Department
Work Division, Nimchak Baf

M
11/18/22

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Continuation

2nd and final bill
Name of work: — Maintenance of road from Sevatar Road to Dhokal Bigha
Agency: — M/s Adarash Const.
Agreement No: — 02 MBO/21-22
Date of Entry: — 10.6.21
Date of Completion: — 9.6.22
1) cleaning and grubbing vide T.M.B.P. (7) = 0.20 Hk @ 495304/199062
2) surfacing existing bituminous surface vide T.M.B.P. (7) = 187.03 m ² @ 1532/m ² = 2865.00

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B.F. 1277120

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Construction of sub grade and earthwork subgrade.					
vide T.M.B.P - (7) = 598.4 m ³					
			@ 176.41/m ³		1039642
(4) P/V Granular subbase.					
vide T.M.B.P - (8) = 35.28 m ³					
			@ 1319.13/m ³		465392
(5) P/V W.B.M. Grade II.					
vide T.M.B.P - (8) = 22.40 m ³					
			@ 2093.03/m ³		468842
(6) P/V W.B.M. Grade III					
vide T.M.B.P - (8) = 47.03 m ³					
			@ 1992.57/m ³		937232
(7) P/V Prime coat					
vide T.M.B.P - (8) = 627.14 m ²					
			@ 41.08/m ²		257632
(8) Patch work over W.B.M.					
using mix seal surfacing.					
vide T.M.B.P - (8) = 627.14 m ²					
			@ 165.48/m ²		1037802
(9) P/V Tack coat					
vide T.M.B.P - (9) = 3787.50 m ²					
			@ 13.93/m ²		527602
(10) P/V S.D. B.C. as per specification					
vide T.M.B.P - (9) = 94.688 m ³					
			@ 8013.70/m ³		7588012

Continuation

B/12449852

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) (i) ordinary K-M. vide T.M.B.P. (9) = 3 Nos					
					@ 1970.82 / 5912.20
(ii) 200 mm stone path. 4 Nos					@ 580.29 / 2320.20
(12) (i) 600 mm equilateral Triangular vide T.M.B.P. (9) = 6 Nos					@ 3537.79 / 2122.70
(ii) 600 mm circular. 2 Nos					@ 3636.13 / 7276.20
(iii) 600 x 450 mm Rectangular. 2 Nos					@ 3507.22 / 7015.20
(13) (i) P.V. & Fixing logo of Maintenance protocol + Maintenance board. 3 Nos					@ 9243.55 / 2773.20
(ii) P.V. Boundary pillar - 12 Nos					@ 487.36 / 5848.20
(14) Road marking with Lat applied Thermo plastic vide P-10 200 m ²					@ 735.82 / 147164.20
(15) (i) B.M. (123) in parapet. vide T.M.B.P. (10) = 3 Nos					@ 5511.44 / 16534.20

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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) plastering in cm (24)					
vide T.M.B. P-603242-20m ²					
					Rs 155.51/m ² Rs 6563.20
(iii) Plv cement painting.					
947242-20					Rs 46.07/m ² Rs 1944.20
(iv) planting of Tree and					
Their maintenance					
vide T.M.B. P-610 = 50 Nos					
					Rs 799.00/each Rs 39950.00
					Rs 153447.20
(v) less 1-67% AS Agreement					Rs 25626.20
					Rs 1508847.20

Add 1% Labor cost					Rs 15088.47
Add 12% G.S.T					Rs 181062.20
					Rs 1704997.20
Previous Payment					Rs 1704997.20
					Payment - 000000.00
					Net

Work has been completed
as per specification.

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26-8-22
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28/08/22
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Continuation