

प्रमाणित किया जाता है कि 56 मापदूर
संख्या 998 में चंद्र हस्ति (155/100)
हस्त है, जिसे लक्ष्मीक आश्रित राधापुर
के पदनाम से निर्गत किया जाता है

23/5/23

कायपालक अभियन्ता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल, महानगर

491
23/5/23

Sch. XLV—Form No. 134

Mahnar

DIVISION

Raghopur

SUB-DIVISION

Measurement Book

No.

998

Name of Officer

Date of first entry

Date of last entry

Name to work—

1

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

① Name of Work— Repairing road

Rustampur - Hemantpur PM Crd road
to Jafraabad deh PM Crd road
in Raghapur Block.

② Name of Agency— Sonjay Constt.

③ Agreement No. 03/MBD/23-24

④ Date of start— 09/05/23

⑤ Date of completion 08/02/24

Record entry Date of

Item ① Clear and grubbing road

do do do

2x53x 30mx 1.0 = 3180m²2x 10mx 1.0 = 20m²3200m²

0.32 hect

Item ② Providing Dry lean cement

Concrete do do

1x 4.6x 1.3x 0.1 = 0.598m³1x 5.2x 1.8x 0.1 = 0.936m³1x 3.3x 1.5x 0.1 = 0.495m³1x 7.2x 1.7x 0.1 = 1.224m³1x 6.7x 1.9x 0.1 = 1.273m³4.526m³

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	1X	3.7X	1.2X	0.1=	0.444 ³
	1X	5.2X	1.7X	0.1=	0.884 ¹
	1X	9.7X	2.6X	0.1=	2.522 ¹
	1X	5.7X	3.3X	0.1=	1.881 ¹
	1X	4.7X	1.2X	0.1=	0.564 ¹
	1X	8.7X	1.4X	0.1=	1.218 ¹
	1X	6.7X	2.6X	0.1=	1.742 ¹
	1X	5.2X	1.1X	0.1=	0.572 ¹
	1X	8.7X	2.2X	0.1=	1.914 ¹
	1X	6.2X	2.9X	0.1=	1.798 ¹
	1X	7.5X	1.2X	0.1=	0.90 ¹
	1X	6.7X	1.5X	0.1=	1.005 ¹
	1X	4.2X	1.7X	0.1=	0.714 ¹
	1X	5.7X	1.6X	0.1=	0.912 ¹

	1X	5.2X	1.2X	0.1=	0.624 ¹
	1X	3.3X	1.8X	0.1=	0.594 ¹
	1X	5.3X	1.2X	0.1=	0.636 ¹
	1X	3.7X	2.0X	0.1=	0.74 ¹
	1X	9.2X	2.7 2.7X	0.1=	2.484 ¹
	1X	5.3X	1.6X	0.1=	0.848 ¹
	1X	6.2X	1.5X	0.1=	0.931 ¹
	1X	5.7X	2.2X	0.1=	1.254 ¹
	1X	7.6X	3.0X	0.1=	2.28 ¹
	1X	5.0X	1.2X	0.1=	0.60 ¹
	1X	4.2X	2.5X	0.1=	1.05 ¹
	1X	3.3X	1.5X	0.1=	0.495 ¹
	1X	7.6X	1.7X	0.1=	1.292 ¹
	1X	9.7X	1.6X	0.1=	1.552 ¹

Continuation

36.975³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Record entry 2nd

Item (1) E/W escavator work

<u>do</u>	<u>do</u>	<u>do</u>	<u>do</u>	<u>do</u>	<u>do</u>
<u>Raft</u>	1X	6.00X	3.50X	0.65	13.65 m ³
<u>Cutoff</u>	2X	3.5X	1.3X	1.8	16.38 m ³
<u>R/Wall</u>	4X	2.4X	3.88X	1.8	67.046 m ³
					97.076 m ³
					Limit 96.99 m ³

Item (2) Pro p.c.c M 15 (1:2:5)

<u>do</u>	<u>do</u>	<u>do</u>	<u>do</u>	<u>do</u>	<u>do</u>
<u>Raft</u>	1X	6.00X	2.5X	0.10	1.50 m ³
<u>R/Wall</u>	4X	2.4X	2.88X	0.20	5.529 m ³
					7.029 m ³
					Limit 7.029 m ³

Item (3) Pro p.c.c M 20 27. foundation

<u>do</u>	<u>do</u>	<u>do</u>	<u>do</u>	<u>do</u>	<u>do</u>
<u>R/Wall</u>	4X	2.00X	2.5X	0.2	4.00 m ³
	4X	2.00X	2.4X	0.2	4.00 m ³
	4X	2.00X	2.3X	0.2	3.68 m ³
	4X	2.00X	2.2X	0.2	3.52 m ³
	4X	2.00X	2.1X	0.2	3.36 m ³
	4X	2.00X	2.0X	0.2	3.20 m ³
	4X	2.00X	1.9X	0.2	3.04 m ³
	4X	2.00X	1.8X	0.2	2.88 m ³
<u>C/Wall</u>	2X	2.5X	0.9X	1.50	2.25 m ³
					29.93 m ³
					Limit 29.45 m ³

Item (4) Pro p.c.c M 20

<u>Raft</u>	1X	6.00X	2.5X	0.25	3.75 m ³
<u>Sidewall</u>	2X	6.00X	0.25X	2.00	6.00 m ³
<u>R/Wall</u>	4X	2.00X	1.8 to 1.4	1.78	15.664 m ³
					25.414 m ³
					Limit 24.73 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (4) Prop m.s. roof					
<u>Bottom slab</u>					
12mm ϕ R					
$2 \times 36 \times 2.5 \text{ m} = 180 \text{ m}$					
@ 0.89 Kphm					160.2 Kg
<u>D/roof 10mm ϕ R</u>					
$2 \times 12 \times 6 \text{ m} = 144 \text{ m}$					
@ 0.62 Kphm					89.28 Kg
					<u>279.48 Kg</u>
<u>Side wall</u>					
12mm ϕ R					
$2 \times 50 \times 3 \text{ m} = 300 \text{ m}$					
@ 0.89 Kphm					267 Kg
<u>10mm ϕ R</u>					
$2 \times 14 \times 6 \text{ m} = 168 \text{ m}$					
@ 0.62 Kphm					104.16 Kg
					<u>371.16 Kg</u>
$2 \times 371.16 \text{ Kg} = 742.32 \text{ Kg}$					
<u>Total m.s. roof</u>					<u>1021.8 Kg</u>
					<u>Limit 990 Kg 0.99mt</u>
20/7/23 J.E/RWD Rajulpar					

Continuation

1st a/c bill

6

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① <u>Name of Work</u> - Repairing road					
Rustimpur Hemantpur PMSY road					
to Jafabad det PMSY road in					
Raghubar block.					
② <u>Name of Agency</u> - Sonjay constt.					
③ <u>Agreement No.</u> 03/MBD/23-24					
④ <u>Date of start of</u> 08/05/23					
⑤ <u>Date of completion</u> 08/07/23					
⑥ <u>Date of measurement</u> - 20/8/23					
<u>Details of measurement</u>					
<u>⑥.1</u> <u>Provided p.m.s road in</u>					
deck slab					
<u>Main</u> 16mm dia					
58 nos X 2.7m - 156.6m					
@ 1.58 Kgs/m					247.428 Kgs
<u>Dred</u>					
12mm dia					
29 nos X 4.7m - 135.7m					
@ 0.89 Kgs/m					120.7731 Kgs
					368.201 Kgs
					0.368 mt

Continuation

[Signature]
20/8/23

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (2) Prof R.C.C. M25 in					
decks slab					
	1X	6.00X	2.5X	0.25	3.75 m ³
	4X	6.00X	X	0.11	0.264 m ³
	2X	2.5X	0.25X	0.3	0.375 m ³
					4.389 m ³
Item (3) Prof R.C.C. M20 in area of					
ceiling					
	1X	5.5X	2.5X	0.075	1.03 m ³
Item (4) Prof R.C.C. ramp					
	2X	2.5m			5.0 m
Item (5) Prof W.C.P. pipes					
					Qty 16 nos
Item (6) Prof corrugated lap filter material					
	2X	4.26X	0.6X	1.70	8.69 m ³
Bedding layer	4X	1.4X	0.6X	2.01	6.75 m ³
					15.44 m ³
Item (7) Prof Back fill material					
	2X	2.00X	5.20X	0.20	4.16 m ³
	2X	2.00X	4.26X	1.78	30.33 m ³
					34.49 m ³
deduct filter mat					15.44 m ³
					19.05 m ³
					19.05 m ³

Continuation

Continuation

041

08/09/23

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item ① Clear and grubbing road					
② do do do					
Qty as per TMB ①					
		0.32 hect			
@ 72639 = 9.5 per hect					23245 = 0
Item ② Paved deep lean cut					
④ Concrete do					
Qty as per TMB ③					
		59.975 m ³			
@ 5076 = 0.2 m ³					304437 = 0
Item ③/⑤ Paved pavement cut					
Concrete in Pavement					
Qty as per TMB ④ 891.60 m ³					
@ 9160 = 2.9 m ³					8167404 = 0
Item ④ E/W excavation in trench					
⑭ do do					
Qty as per TMB ④					
		96.994 m ³			
@ 383 = 2.8 m ³					37174 = 0
Item ⑤ Imp. P.C.C. M 1:5					
⑮ do					
Qty as per TMB ④ 7.02 m ³					
@ 7517 = 0.5 m ³					52770 = 0

Continuation

8585030 = 0

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (6) Prop R.C.C. M20 m foundation	(16)				
Qty as per form B (4)					
Item (7) Prop R.C.C. M20 m slab	(17)				
Qty as per form B (4)					
Item (8) Prop Wall & R.C.C.	(18)				
Qty as per form B (7)					
Item (9) Prop m.s. roof	(19)				
Qty as per form B (5)					
Item (10) Prop steel edging	(20)				
Qty as per form B (7)					

Continuation

9167028200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (11) Prop and ramp filler					
(21) material — do —					
Qty as per form (7)					
				15.44 m ³	
				@ 3720 = 93/m ³ —	57451 = 00
Item (12) Prop R.C.C. M25 concrete					
(22) slab — do —					
Qty as per form (7)					
				4.389 m ³	
				@ 9034 = 62/m ³ —	39653 = 00
Item (13) subgrade filler bed of M-5					
(23) sand & gravel — do —					
Qty as per form (6)					
				0.368 mt	
				@ 87815 = 92/mt —	32316 = 00
Item (14) Prop R.C.C. ramp					
(24) — do —					
Qty as per form (7)					
				5.0 M	
				@ 7888 = 08/m —	39440 = 00
Item (15) Prop Wearing coat					
(25) — do —					
Qty as per form (7)					
				1.03 m ³	
				@ 15602 = 58/m ³ —	16071 = 00

Continuation

9351959 = 00

[illegible]Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material statement</u>					
① Impregnated concrete - 59.975m ³					
Coarse sand - 26.92m ³					
stone chips - 53.97m ³					
ii) P.C.C. - 891.60m ³					
Coarse sand - 401.22m ³					
stone chips - 802.44m ³					
③ P.C.C. - 65.58m ³					
Coarse sand - 29.5m ³					
stone chips - 59.02m ³					
					
20/8/23					
20/8/23					

Memo of Payment

Total:-	9500000=	
S.D.S:-	475000=	
G.S.T:-	190000=	
D.T:-	190000=	
L.Cum:-	95000=	1250000
Royalty:-	200000=	
S. Fee:-	100000=	
by CRMs:-	8250000=	
passed for Rs	9500000=	
(Ninth five lakh only)		

[Signature] 11/09/23
Executive Engineer
R.W.D. Work Division
Mahar

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(I) <u>Name of work</u> - Repair of road					
<u>Quamapur - Hemantpur primary road to</u>					
<u>Jafabad and primary road in Raghorpur</u>					
<u>Block.</u>					
(II) <u>Name of Agency</u> - Sonray constt:					
(III) <u>Agreement No.</u> - 03/MBD/23-24					
(IV) <u>Date of starting</u> - 09/5/23					
(V) <u>Date of completion</u> - 08/02/24					
(VI) <u>Date of on-site ment</u> - 30/10/23					
<u>Details of on-site ment</u>					
<u>Item (1) Provide 1cm stone post</u>					
<u>do</u>					
<u>Qty</u> 3.00					
<u>Item (2) Provide 20cm stone post</u>					
<u>do</u>					
<u>Qty</u> 6.00 m/s					
<u>Item (3) Provide direction and place</u>					
<u>Identification</u>					
<u>2x 1.2x 0.8</u>					
<u>= 1.92m²</u>					

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Sch. XLV—Form No. 134						
Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
<u>Item (4) Prop of Retro Reflector</u>						
Sub	do	do	do	do		
600mm equilateral triangle						
		12.00	22.5			
Prop 600mm circular						
		Qty	6.00	22.5		
<u>Prop 600mm x 450mm rectangle</u>						
		Qty	6.00	22.5		
<u>Item (5) Prop road marker</u>						
do	do	do	do	do		
	2X	53X	30m	0.1	$\approx 318m^2$	
	2X	10m	0.1		$= 2m^2$	
					<u>320m²</u>	
<u>Item (6) Prop unreinforced cement concrete pavement</u>						
	1X	30m	3.75	0.16	$\approx 184m^2$	
	1X	30m	2.75+3.8	X 0.160	$\approx 18.12m^2$	
	1X	30m	3.8+3.75	X 0.160	$\approx 18.12m^2$	
	1X	24m	3.75	0.160	$\approx 14.4m^2$	
					<u>68.64m²</u>	
<u>Item (7) Prop subgrade and earth</u>						
Shoulder	do	do	do	do		
	2X	15X	30m	0.7X	0.3	$\approx 126m^2$
	2X	10X	30m	0.5X	0.6	$\approx 180m^2$
	2X	20X	30m	0.7X	0.3	$\approx 252m^2$
	2X	12X	30m	0.5X	0.3	$\approx 108m^2$
					<u>666m²</u>	

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (8) Group B/W (113) in parapet					
do					
	3x2x	6.00x	0.4x	0.6 =	8.64 m ³
Item (9) Group plaster m cm (114)					
do					
Side face	2x	4.00x	6m x 0.6 =	43.2 m ²	
top	3x2x	6.00x	0.4 =	14.4 m ²	
front face	3x4x	0.4x	0.6 =	2.88 m ²	
					60.48 m ²
Item (10) Group paint putu coats					
do					
Qty as per item (9)					60.48 m ²
Area					
30/10/23					30/10/23
J. E. A. W. D.					A. Z. A. W. D.
Raghuvar					
Material statement in this bill					
(i) CC - 68.64 m ³					Coarse sand - 30.88 m ³
					13896 =
					Stone chips - 61.76 m ³
(ii) E/W - 66 m ³					21928 =
(iii) B/W (113) 8.64 m ³					
					Backs - 4320 =
					195 =
					Coarse sand - 30.74 m ³
					1361 =
Area					
30/10/23					30/10/23
J. E. A. W. D.					A. Z.
					37430 =

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item ① Clear and grubbing road					
② do do					
Qty as per form ⑨					
0.32 feet					
@ 72139.95 per foot					23245.20
Item ② Bring out gravel and earth					
③ Shoulder do do					
Qty as per form ⑮					6.664
@ 254.29 per ft					169444.20
Item ③ Pave dry lean Cement					
④ Concrete do do					
Qty as per form ⑨					
59.9754					
@ 5076.207 per ft					304437.20
Item ④ Pave uniform Cement					
⑤ Concrete Pave					
Qty as per form ⑨					891.604
Qty as per form ⑮					68.644
Unit 9604					960.244
@ 9160.38 per ft					879396.50
Item ⑤ Pave dense stone foot					
⑥ do do					
Qty as per form ⑮					
3.00					
@ 3070.37 per ft					9211.60

Continuation

* 9300302.50

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (6) Prov p 200mm dia post					
(7) do do do					
Qty as per MB (17)		6.00			
@ 851/- each					5108/-
Item (7) Prov p 100mm dia pipe					
(8) in each foot					
Qty as per MB (14) 1.92 m ²					
@ 14968/- 75 m ²					28740/-
Item (8) Provide traffic sign					
(9) 600mm square lateral sign					
Qty as per MB (15)		12.00			
@ 4453/- 18 each					53438/-
Item (9) Prov p 600mm circles					
(10) do do do					
Qty as per MB (15)		6.00			
@ 4371/- 90 each					26231/-
Item (10) Provide 600mm x 450mm					
(11) rectangular do do					
Qty as per MB (15)		6.00			
@ 4228/- 17 each					25369/-

Continuation

9439188/-

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (11) Group road marking					
(12) do do					
Qty as per tmb (15)					
		320m ²			
		@ 824.207/m ²			263702.00
Item (12) Group and fence layout					
(13) Main line boundary					
Qty as per tmb (12)					
		2.00			
		@ 11469.55 each			22939.00
Item (13) E/W excavation in foundation					
(14) do					
Qty as per tmb (9)					
		96.99 m ³			
		@ 383.28/m ³			37174.00
Item (14) Group P.C.C. M 15					
(15) do					
Qty as per tmb (9)					
		7.02 m ³			
		@ 7517.05/m ³			52770.00
Item (15) Group P.C.C. M 20					
(16) do					
Qty as per tmb (10)					
		29.45 m ³			
		@ 7648.50/m ³			225248.00
Item (16) Group R.C.C. M 20 in substructure					
(17) do					
Qty as per tmb (10)					
		24.73 m ³			
		@ 8333.29/m ³			206082.00

Continuation

10247103.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (17) Prop deep kls					
(18) do					
Qty per m ³ (10)					
		16.00			
Qty 14273 each					2284.00
Item (18) Prop m.s. rd					
(19) do					
Qty per m ³ (10)					
		0.99 m ³			
Qty 861612.14 m ³					85300.00
Item (19) Prop back & lben					
(20) Atk mat					
Qty per m ³ (10)					
		18.95 m ³			
Qty 3328.98 m ³					63084.00
Item (20) Prop and lamp holder					
(21) material					
Qty per m ³ (11)					
		15.44 m ³			
Qty 3720.92 m ³					57451.00
Item (21) Prop A.C.C. M.S. cu					
(22) deck slab					
Qty per m ³ (11)					
		4.389 m ³			
Qty 9034.62 m ³					39653.00

Continuation

10494/875.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (22) Supply fitting for roof					
(23) M. roof on deck slab					
do					
Qty as per mTB (11)					
				0.368 mt	
@ ₹ 87915/- per mt					32316.00
Item (23) Pump R.C.C. wall					
(24) do					
Qty as per mTB (11)					
				5 m	
@ ₹ 7888.00/m					39440.00
Item (24) Pump W.C. roof					
(25) do					
Qty as per mTB (11)					
				1.03 m ³	
@ ₹ 15602/- per m ³					16071.20
Item (25) Pump Blk (1:3) in pump pit					
(27) do					
Qty as per mTB (16)					
				8.64 m ³	
@ ₹ 6137.15/m ³					53024.00
Item (26) Pump plaster on cm (1:3)					
(28) do					
Qty as per mTB (16)					
				60.4 m ²	
@ ₹ 222.53/m ²					13459.20
Item (27) Pump plaster two coats					
(29) do					
Qty as per mTB (16)					
				60.4 m ²	
@ ₹ 127.28/m ²					7698.00
Continuation					1065688.30

08/12/22

Executive Engineer
R.W.D. Work Division
Mahar