

11/15/54 (SC)
16-17

मेवापुर

31/01/2014

Measurement Book

गुरुवंश शुभा विद्

988

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
		Record Measured				
N/O :-	Construction of Road from					
	Lori Lihpur to Mushhari					
	tola (MMSS-51)					
N/A :-	M/s Yaduram Singh					
Appx No :-	02 (RD-5) 2019-20					
D.O. Sd/Per Pg :-	14-06-2019					
D.O. Cdr/Per Pg :-	13-06-2020					
Extended date of Comp. as per Cir-19						
HPC/64600mm ² .						
(1) pro. E/W in excavation						
in foundation - 21						
$2 \times 4.15 \times 1.40 \times 1.47 = 17.08 \text{ m}^3$						
$1 \times 3.85 \times 1.16 \times 0.60 = 2.68 \text{ m}^3$						
$1 \times 3.85 \times 2.00 \times 0.60 = 4.62 \text{ m}^3$						
$1 \times 3.85 \times 0.60 \times 0.30 = 0.69 \text{ m}^3$						
$1 \times 5.78 \times 1.07 \times 0.25 = 1.55 \text{ m}^3$						
26.62 m ³						
For 2nd Qty HPC/64600 $\Rightarrow$ 53.24 m ³						
13.04 m ³						
T.C.						
(2) pro. per M/S in						
open foundation - 41						
$2 \times 3.85 \times 1.40 \times 0.15 = 1.62 \text{ m}^3$						
For 2nd Qty HPC/64600 $\Rightarrow$ 3.24 m ³						

Continuation

C-10

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) pr. 11-1/2" (1/2" bedded)					
work all compacted					
Local Sand					
1 x 5.28 x 1.07 x 0.55 = 3.400 m ³					
1 x 5.28 x 0.22 x 6 = 1.230 m ³					
					2.13 m ³
For 2nd Hg sub. (H ₂ O) = 4.26 m ³					
pr. 11-1/2" (1/2" bedded)					
work all compacted					
Local Sand					
1 x 5.28 x 1.07 x 0.55 = 3.400 m ³					
1 x 5.28 x 0.22 x 6 = 1.230 m ³					
					2.13 m ³
For 2nd Hg sub. (H ₂ O) = 4.26 m ³					
pr. 11-1/2" (1/2" bedded)					
work all compacted					
Local Sand					
1 x 5.28 x 1.07 x 0.55 = 3.400 m ³					
1 x 5.28 x 0.22 x 6 = 1.230 m ³					
					2.13 m ³
For 2nd Hg sub. (H ₂ O) = 4.26 m ³					
(4) pr. Head Wall					
in brick masonry					
work in cm (1-4)					
H/W					
2 x 3.85 x 0.825 x 2.00 = 12.74 m ³					
2 x 3.85 x 0.60 x 0.40 = 1.85 m ³					
2 x 0.465 x 0.610 x 1.00 = 0.57 m ³					
					14.02 m ³
For 2nd Hg sub. (H ₂ O) = 28.04 m ³					
(5) pr. 2 layer Bedding					
N ₂ for 6000 ft.					
3 N ₂ x 2.50 = 7.50 m ³					
For 2nd Hg sub. (H ₂ O) = 15.00 m ³					
(6) pr. plastering with					
cm (1-1/2" x 1/2")					
brick work - 1/2"					

Continuation

C-0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) m. 2 applying primer					
Coat with bitumen					
emulsion (RS-1) - 0.1					
1 No. 14.00		5.20+4.30+3.75			= 61.83m ²
11 No. 30.00		3.75			= 1237.50m ²
1 No. 14.00		3.75			= 52.50m ²
1 No. 8.00		12.30+8.10+3.75			= 64.40m ²
6 No. 30.00		3.75			= 675.00m ²
1 No. 9.00		3.75			= 33.75m ²
1 No. 5.00		3.75+4.0+6.10			= 23.08m ²
560m					2148.06m ²
20.40000					
0.8					
(10) m. 2 applying tack					
Coat with bitumen					
emulsion (RS-1) - 0.1					
1 No. 14.00		5.20+4.30+3.75			= 61.83m ²
11 No. 30.00		3.75			= 1237.50
1 No. 14.00		3.75			= 52.50m ²
1 No. 8.00		12.30+8.10+3.75			= 64.40m ²
6 No. 30.00		3.75			= 675.00m ²
1 No. 9.00		3.75			= 33.75m ²
1 No. 5.00		3.75+4.0+6.10			= 23.08m ²
560.0m					2148.06m ²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Mixed wall facing					
1200 x 1000 x 800 mm					
800 mm thick wall					
Shading material					
mm thick wall					
1/2 No. 14.00					61.83 m ²
1/2 No. 30.00					1237.50 m ²
1/2 No. 14.00					52.50 m ²
1/2 No. 8.00					64.40 m ²
6 No. 30.00					675.00 m ²
1 No. 9.00					83.75 m ²
1 No. 5.00					23.08 m ²
560.00					2148.06 m ²
(12) 1000 x 1000 x 800 mm					
1000 x 1000 x 800 mm					
2 x 2 No. 30.00					45.00 m ²
(13) Kilometers Stone					
(i) K.M Stone - - cu					2.00 m ²
(ii) 200 m Stone - - cu					6.00 m ²
(14) Traffic signs					
(i) 600 mm equilateral triangle					14.00 m ²
(ii) 600 mm circular					6.00 m ²
(iii) 600 mm x 450 mm rectangular					6.00 m ²

Continuation

C.O.

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Location of area
	No.	L.	B.	D.	
			B. of		198.05 m ²
2x Galley	30.00	1.30+1.20	2	0.275	123.35 m ²
2x Balcony	30.00	1.20+1.30	2	0.275	61.85 m ²
2x Balcony	12.00	1.30+1.0	2	0.275	9.92 m ²
2x Balcony	8.00	1.0+0.90	2	0.275	4.18 m ²
Corresponding adjacent to	CCP + 4x 3 + C/SB				
2x 12 Ndx	30.00	1.20+1.10	2	0.335	227.38 m ²
2x 10 Ndx	30.00	1.10+1.30	2	0.335	241.20 m ²
2x 6 Ndx	30.00	1.20+0.90	2	0.335	114.52 m ²
1403m					1023.925 m ²

27/4/2022
SB

Modu
KLB
25/4/2022
LAE

(18) pro. consideration of
construction with
material obtained
from borrow pits.

Ch.	C/S Area	Mean Area	Dist. Ce	Volume.
0.0	2.526	0.0	00	00
50.0	2.281	2.639	50.00	131.925 m ³
100.0	2.659	2.705	50.00	135.250 m ³
150.0	3.102	2.881	50.00	144.025 m ³
200.0	3.268	3.185	50.00	159.250 m ³
250.0	2.986	3.127	50.00	156.350 m ³
300.0	2.951	2.969	50.00	148.425 m ³

Continuation

C.S

875.225 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			13.6		
350.0	2.623	2.787	50.0	132.250m ²	
400.0	3.124	2.894	50.0	143.625m ²	
450.0	2.749	2.737	50.0	146.825m ²	
500.0	3.083	2.916	50.0	145.800m ²	
550.0	2.956	3.020	50.0	150.975m ²	
600.0	3.328	3.142	50.0	157.100m ²	
650.0	2.745	3.032	50.0	151.825m ²	
700.0	3.265	3.005	50.0	150.250m ²	
750.0	2.729	2.992	50.0	149.850m ²	
800.0	2.952	2.841	50.0	142.025m ²	
850.0	3.226	3.094	50.0	154.700m ²	
900.0	2.845	3.041	50.0	152.025m ²	
950.0	3.230	3.062	50.0	152.100m ²	
1000.0	2.829	3.059	50.0	152.900m ²	
1050.0	2.998	2.939	50.0	146.925m ²	
1100.0	2.862	2.930	50.0	146.500m ²	
1150.0	2.905	2.884	50.0	144.135m ²	
1200.0	3.023	2.964	50.0	148.200m ²	
1250.0	2.952	2.988	50.0	149.375m ²	
1300.0	3.425	3.189	50.0	159.425m ²	
1350.0	2.826	3.126	50.0	156.275m ²	
1400.0	3.222	3.022	50.0	151.325m ²	
Total L.L. at 90 including coverd.					4166.875m ²
Less for coverd					
subgrade videp (5) Tm ²					1023.925m ²
Geo videp (6) & (3) Tm ²					622.733m ²
Grz videp (27) & (3) Tm ²					388.514m ²
pcc videp (27) Tm ²					505.79m ²
Continuation					
Hard shoulder videp (3) Tm ²					5.625m ²
					2538.787m ²
C.O.					

Scanned with CamScanner

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W :-	(Construction of Road for)				
	1021 Lilpura to Mushbari				
	to La (N.M.G.S.Y-SC)				
N/H :-	M/S Yadu Kishore Kumar Singh.				
Agd No:-	03/03/2019-20				
D.O.C as per Agd	14-06-2019				
D.O.C as per Agd	13-06-2020				
Extended date of comp - as per Covid-19					
Actual date of comp - 22.4.2022					
Abstract of cost					
(1)	Construction of Red-				
	working Broad mass				
	piles - - - cu				
1.0000	Qty of p/25 mls				
	CR 4286.543/each - Rs 4239 =				
(2)	Construction of Red-				
	mud piles - cu				
0.0000	Qty of p/25 mls				
	CR 1953.152/each - Rs 11719 =				
(3)	clearing & grubbing				
	the Road Land - - cu				
0.5000	Qty of p/26 mls				
	CR 49496.86/each - Rs 24981 =				
(4)	Excavation of Road				
	work - - - cu				
81.0000	Qty of p/26 mls				
	CR 76.189/mls - Rs 6171 =				
(5)	prov. Construction of				
	embankment - cu				
Continuation					
C.O					Rs 47108 =

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Bf	R	42108 =
with material of					
from borrow pits					
				41	
(Lead upto 1000 m)					
253.35 m ³	Attn dep (26) m ³				
235.076 m ³	Attn dep (37) m ³				
488.426 m ³	OR 129.101 m ³			R	87478 =
(816)	pro. construction of				
	and work on				
	(Lead upto 150.0 m)				
591.150 m ³	Attn dep (26) m ³				
548.512 m ³	Attn dep (37) m ³				
1139.662 m ³	OR 141.119 m ³			R	160828 =
(717)	pro. construction of				
	subgrade & earthwork				
	shoulders - - -				
1023.925 m ³	Attn dep (35) m ³				
	OR 180.81 m ³			R	185136 =
(818)	pro. construction of				
	G.S. 13.4 m ³ are 13 m ³				
	material - - -				
601.22 m ³	Attn dep (26) m ³				
21.713 m ³	Attn dep (31) m ³				
(622.933 m ³)	OR 2874.033 m ³			R	1234508 =
(919)	pro. laying & spreading				
	comp. 24 to 31 m ³				
351.394 m ³	Attn dep (27) m ³				
2912 m ³	Attn dep (31) m ³				
(380.514 m ³)					
Continuation					
351.394 m ³	OR 3573.158 m ³			R	1255862 =
C.O				R	3470644 =

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.f	13	2470644
(10/10) pro. 8000					
Coat with bitumen					
conclusion (R3-1) - 4,					
2148.06m ² (Hyndep (32) Tmb)					
Ch 48.816/m ² - R					104860
(11/11) pro. 8000					
Coat with bitumen					
conclusion (R3-1) - 4,					
2148.06m ² (Hyndep (32) Tmb)					
Ch 16.505/m ² - R					35454
(12/12) pro. mixed material					
material - - -					
2148.06m ² (Hyndep (33) Tmb)					
Ch 219.474/m ² - R					467190
(13/13) pro. construction of					
concrete					
per (201) m ² 30 - 4,					
505.29m ² (Hyndep (29) Tmb)					
Ch 2734.302/m ² - R					3911933
(14/14) pro. Hard shoulder					
Brick Soling - CH,					
45.00m ² (Hyndep (33) Tmb)					
Ch 493.645/m ² - R					22214
(15/15) pro. RCC Missgrade					
Km 2000 - - -					
2.00m ² (Hyndep (33) Tmb)					
Ch 2611.192/each - R					5222
Continuation					
C. P R 8017517					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				P.F.R.	8012512
(16/16)	prov.	200m Stone.			
6.00m	dyridop (33)	Trm			
		CR 637.257/each		R	4064
(17/17)	prov.	8 ft long 1/2 ft			
		mm 6.57 ft long 1/2 ft			
2.00m	dyridop (23)	Trm			
1.00m	dyridop (34)	Trm			
3.00m	CR 9633.111/each			R	288992
(18/18)	prov.	600mm square			
		2 triangle			
14.00m	dyridop (33)	Trm			
		CR 1233.283/each		R	242662
(19/19)	prov.	600mm circle			
6.00m	dyridop (33)	Trm			
		CR 1799.180/each		R	102832
(22/20)	prov.	600mm x 450mm			
6.00m	dyridop (33)	Trm			
		CR 1790.639/each		R	102442
(21/21)	prov.	Rice Mill 5 ft wide			
		Boundary pillar - 4			
16.00m	dyridop (34)	Trm			
		CR 580.028/each		R	92812
(22/22)	prov.	Road marking			
112.00m	dyridop (34)	Trm			
		CR 851.916/m ²		R	953032
(23/23)	prov.	Road marking			
168.60m ²	dyridop (34)	Trm			
		CR 951.715/m ²		R	1604592

Continuation

C.O

R 83613162

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Rt	Ra	8361316 =
(24/24) pvc. 1/2" x 1/2" x 1/2" x 1/2"					
ni-foundations - etc.					
53.24m ³ cylinder (29) Tm					
CB 258.893/m ³ - R					13783 =
(25/25) pvc. 1/2" x 1/2" x 1/2" x 1/2"					
concrete compacted					
local sand - etc.					
4.26m ³ cylinder (30) Tm					
CB 458.231/m ³ - R					1952 =
(26/26) pvc. pvc. 1/2" x 1/2" x 1/2" x 1/2"					
local sand - etc.					
3.24m ³ cylinder (29) Tm					
CB 6065.606/m ³ - R					19653 =
(27/27) pvc. Head seal in:					
brick masonry work					
28.040m ³ cylinder (30) Tm					
CB 6141.891/m ³ - R					172219 =
(28/28) pvc. Layig Rec pipe					
HP3 for ground.					
15.0m cylinder (30) Tm					
CB 1223.517/m ³ - R					19853 =
(29/29) plastering with etc.					
(1:4) on brickwork.					
(42.80m ²) cylinder (31) Tm					
42.060m ² CB 190.862/m ² - R					8028 =
					R 8596804 =
less 10% pvc. 1/2" x 1/2" x 1/2" x 1/2"					R 859680 =
					R 77237124 =

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.	B. 33	37,1240
Less provision for 4 Amps (2) - 1000				R. 63	81,5550
				R. 13	55,5690
<u>Material (continued)</u>					
E/W :-	1807	513	m ³		
L/Sand :-	4.26	m ³			
C/Sand :-	9.584	m ³			
stone chips :-	60.906	m ³			
Bricks :-	16765	0000			
Provision for (S-90) :-	4081	314	m ³		
Provision for (S-1) :-	1825	85	m ³		
Provision for (R-1) :-	590	32	m ³		

ASW

27.04.2022

G. B. Bhargava

C/S

ASW

27/04/2022

G. B.

certified that :-

① There is no material due regarding this bill yet
the contractor

② The work has been completed as per specification
& disburse of Rs. on

27-4-2022

Continuation

Rs. - 13,55,769

P.T.O.

13,555.69.0