

424/20-21

अभिज्ञानाचार्यदेवाय नमः

Schedule XLV-Form No. 134

(50)

सुजित कुमार

अक्षरिणी

DIVISION

अभिज्ञानाचार्य

SUB-DIVISION

WEASURMENT BOOK

अभिज्ञानाचार्यदेवाय नमः

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of entry	11-06-2021				
① construction of Subgrade & earthen shoulder with approved material. - - - -					
BT Road portion sub-grade (earthen)					
11 Nos X 30.00 X 7.98 Avg. X 0.30 Avg. = 837.90 m ³					
② Box cutting for road way in soil. - - -					
In existing P.C.C. for widening - - -					
2 X 3 Nos X 30.00 X 0.375 X 0.175 = 13.13 m ³					
A.R.					
③ GSB with well graded material. - - - -					
Qty wide T.M.B. & page 6					
Qty = 13.13 m ³					
Earthen for P.C.C. Road.					
10 Nos X 30.00 X 3.75 X 0.100 Avg. = 112.50 m ³					
Earthen for B.T. Road.					
11 Nos X 30.00 X 4.050 X 0.20 Avg. = 267.30 m ³					
1 X 20.00 X 4.050 X 0.20 Avg. = 16.20 m ³					
Existing P.C.C. for widening					
Continuation					
2 X 3 X 30.00 X 0.375 X 0.100 = 6.75 m ³					
2 X 1 X 10.00 X 0.375 X 0.100 = 0.75 m ³					
Qty = 403.5 m ³					

Particulars	Details of actual measurement				Contents area
	No.	L.	B.	D.	
④ E/w in Excavation for structure as per drawing ---					
Raft - 1 x 1.50 x 6.00 x 0.80 =					8.01 m ³
cut off wall & wing wall					
2 x 7.50 x 0.250 x 1.20 =					6.38 m ³
112					
			8 ft		14.39 m ³
⑤ Sand filling in foundation trench as per drawing ---					
Raft - 1 x 1.50 x 6.00 x 0.10 =					0.90
cut off wall & wing wall					
2 x 7.50 x 0.250 x 0.10 =					0.385 m ³
112					
					1.28 m ³
⑥ P/V P.C.C. grade M.15 for open foundation ---					
below Raft					
1 x 1.50 x 6.00 x 0.10 =					0.90 m ³
⑦ Supplying, fitting & placing HYSD bar reinforcement (Fe 415) in sub structure ---					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
wing wall & cutoff wall					
10mm # main bar @ 150 mm c/c					
2 X 51 Nos X 2.30 =				295.80 m	
4 X 9 Nos X 3.40 =				122.40 m	
Total length =				418.20 m	
@ 0.62 kg/m					259.28 kg
Distribution bar					
8mm # bar @ 150 mm c/c					

2 X 9 Nos X 15.40 =	277.20 m
4 X 11 Nos X 2.80 =	123.20 m
	= 400.40 m
@ 0.35 kg/m	156.15 kg
Total wt =	415.43 kg

Raft & abutment.

10mm Bottom main bar	
41 Nos X 4.5 m = 184.50 m @ 0.62 kg =	114.33 kg
Top bar	
67 Nos X 4.5 m = 184.50 m @ 0.85 kg/m =	164.51 kg
Distribution	
2 X 31 Nos X 6.00 = 372.00 m @ 0.62 kg =	230.64 kg
Continuation	
Bottom bunch -	
41 Nos X 1.25 = 51.25 @ 0.35 kg =	17.98 kg
Total wt. =	544.95 kg

11-06-2021
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Particulars	Details of actual measurement				Contents area
	No.	L.	B.	D.	
Date of entry	28-06-2021				
① P/V A.C.C. grade M ₂₅ concrete in box call - - - - -					
75					
② Supplying & S					
① P/V A.C.C. grade M ₂₅ concrete in box call - - - - -					
Right - $1 \times 1.50 \times 6.00 \times 0.250 = 2.25 \text{ m}^3$					
out off wall & wing wall					
$2 \times 7.5 \times 0.25 \times 1.50 = 3.75 \text{ m}^3$					
$4 \times 1.30 \times 0.25 \times 1.50 = 1.95 \text{ m}^3$					
Bottom finish					
$2 \times \frac{1}{2} \times 0.10 \times 0.10 \times 6.00 = 0.06 \text{ m}^3$					
2.25					
abutment					
$2 \times 1.50 \times 6.00 \times 0.25 = 3.00 \text{ m}^3$					
Qty					11.01 m^3
② Supplying fitting and placing					
H/C 8.0 bar - - - - -					

Continuation

Scanned with CamScanner

Particulars	Details of actual measurement				Content area
	No.	L.	B.	D.	
② Supplying fitting					
HT 80 bar					
Perapet					
Main bar 8mm					
$2 \times 11 \text{ Nos} \times 1.60 = 35.20$					
Disturbance					
$2 \times 5 \text{ Nos} \times 3.40 = 34.00$					
$\frac{1}{2}$					
$= 69.20 @ 0.39 \text{ kg/m}$					
wt of stl = 26.98 kg					

13
 12-07-21
 58
 14-07-21
 A-2

Date of entry 19-07-2021

① P.V. R.C.C. of Box culvert

Perapet

$2 \times 1.50 \times 0.25 \times 0.600 = 0.45 \text{ m}^3$

② Brick filling abutment

wing wall, return wall - - -

Continuation

$2 \times 6.00 \times 1.50 \times 0.600 = 7.20 \text{ m}^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ P/v weephules					
2 x 5 x 1 = 10 Nos.					
④ WBM grading 3					
P/v, laying, spreading & compacting stone aggregates					
WBM mms in P.C.C. Portion					
10 x 30.00 x 3.75 = 112.50 m ³					84.37 m ³

for B.T. Road only.

$$11 \times 30 : 100 \times 3.75 \times 0.075 = 92.81 \text{ m}^3$$

1	x	20.00	x	3.75	x	0.075	=	5.625
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In-Exptg. P.C.C for wiring

$$2 \times 3\text{m} \times 30.00 \times 0.375 \times 0.075 = 5.06\text{m}^3$$

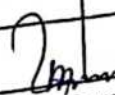
$$m_{AR} = 2 \times 1 \times 10^{-00} \times 0.375 \times 0.075 = 0.56 \text{ mg}$$

8th =	188.42m ³
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Continuation
19 A.C.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of entry				02-08-2021	
① P/v and applying primer coat with bituminous (BS-1)					
11X	30.00	3.25	=		1237.50 m ²
1X	20.00	3.75	=		75.00 m ²
				Qty 2	1312.50 m ²
② Jack coat P/V &					
applying jack coat (BS-1)					
Qty under T.R.B. & P.V. - 13					
				Qty =	1312.50 m ²
③ M.V. Seal surfacing P/v & laying and rolling					
Qty under T.R.B. & P.V. - 13					
				Qty =	1312.50 m ²
④ Comp. of p.c.c. thickness as per design					

Continuation

2X	1X	20.00	X	1.49	X	0.200	=	11.92 m ³
Shoulder (Sides of CRB 2 w BM 2 C.C. portion)								
2X	63 Nos	30.00	X	1.51	X	0.175	=	998.86 m ³
2X	1X	10.00	X	1.51	X	0.175	=	5.28 m ³
Further shoulder (Sides of w BM 2 P.M.C)								
2X	11 Nos	30.00	X	1.295	X	0.075	=	64.10 m ³
2X	1X	20.00	X	1.295	X	0.075	=	3.88 m ³
							Qty =	1280.72 m ³
 Continuation 06-08-21 A.R. 06-08-2021 SF								

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Date of entry</u>				10-08-2021	
① Laying brick siding layer on prepared subgrade					
Hard shouldering					
C.C. Road portion					
2x 60 Nos x 30.00 x 0.375				Ag 2	13.50 m ²
1x 2x 30.00 x 0.250				Ag 2	15.00 m ²
1x 2x 20.00 x 0.250				Ag 2	10.00 m ²
1x 30 x 0.0375				Ag 2	7.50 m ²

$$\text{Qty} = 1382.50 \text{ m}^2$$

② P/v & laying 300 mm dia Rec. Hume pipe N.P.-3 for irrigation purpose

$$10 \times 30 \times 3 \times 2.50 = 15.00 \text{ Ann}$$

③ Planting for tree & their maintenance

35 Nos.

④ 1x 1/2 meter stone

Ordering in stone

3 Nos.

Continuation

2x	63H-X	30.00	x 0.10	=	378.00 m ²
2x	1x	10.00	x 0.10	=	2.00 m ²
				Qty	= 380.00 m ²

⑧ Road marking with hot applied thermoplastic compound

2x	11H-X	30.00	x 0.10	=	66.00 m ²
2x	1x	20.00	x 0.10	=	4.00 m ²
2x	63H-X	30.00	x 0.10	=	378.00 m ²
2x	1x	10.00	x 0.10	=	2.00 m ²
				Qty	= 450.00 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ printing New letter					
2 figures - - - -					
1 x 44 = 44					
⑩ P/V & Fixing minor					
Sign Board & Logo of					
minors & project - -					
⑪ Minor Sign Board - 2 Nos.					
⑫ Logo - - - - 1 Nos.					
⑬ Maintenance Band - 2 Nos.					
⑭ P/V & Fixing of retro.					
reflectors - - - -					
① 600mm equilateral Δ - 12 Nos.					
② 600mm circular (solid) - 12					
③ 600mm x 400mm rectangle (solid) - 2 Nos.					
④ 900mm side octagon (stop sign) - 2 Nos.					
⑫ Earth work					
Crust of of embankment					
earth material obtain					
from - - - -					

Continuation

Continuation

Continuation

Change	Area	Mean Area	Distance	Volume (m ³)
000	1.888	-	-	-
50	3.058	2.473	50	123.650
100	2.571	2.815	50	140.725
150	5.428	4.000	50	139.975
200	4.428	4.926	50	946.225
250	3.615	4.013	50	200.350
300	3.342	3.479	50	173.925
350	3.831	3.587	50	173.325
400	3.252	3.558	50	177.075
450	3.863	3.132	50	177.875
500	2.401	2.521	50	156.600
550	2.641	3.364	50	128.050

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
600	4.087	3.364	50		168.200
650	4.981	4.509	50		225.450
700	3.204	4.318	50		215.875
750	1.374	2.539	50		126.950
800	1.214	1.294	50		64.200
850	1.037	1.126	50		56.275
900	1.844	1.441	50		72.025
950	1.434	1.639	50		81.950
1000	1.020	1.227	50		61.350
1050	1.206	1.113	50		59.650
1100	1.128	1.192	50		59.600
1150	4.893	3.636	50		157.775
1200	4.718	4.706	50		245.225
1250	3.454	4.186	50		207.300
1300	3.824	3.639	50		181.350
1350	1.331	2.578	50		128.875
1400	1.333	1.262	50		63.100
1450	1.614	1.404	50		70.175
1500	1.460	1.387	50		69.350
1550	1.380	1.268	50		63.400
1600	1.422	1.397	50		69.950
1650	1.230	1.326	50		66.300
1700	1.363	1.297	50		64.825
1750	1.227	1.295	50		64.750
1800	1.862	1.545	50		77.225
1850	1.265	1.564	50		78.175
1900	1.088	1.177	50		58.825
1950	7.238	4.163	50		208.150

Continuation

					$g_{ty} = (-) 837.90 m^3$
				g_{ty} note 7 M.B. 2 Page - 14	
					$g_{ty} = (-) 1280.72 m^3$
					$g_{ty} = (-) 2118.62 m^3$
				<u>GISB Cur-I</u>	
				g_{ty} note 7 M.B. 2 Page	
				g_{ty} note M.B. No 424 2 Page - 3	
					$g_{ty} = (-) 82.50 m^3$
					$g_{ty} = (-) 176.85 m^3$
				g_{ty} note 7 M.B. 2 Page	
					$g_{ty} = (-) 403.5 m^3$
					$g_{ty} = (-) 662.85 m^3$
Continuation					

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
wbr nr - 3					
Qty vnde M.B No. 424/20-21 & page 4					
				Qty (-)	428.84m ³
Qty vnde 7-9 B. & page 12					
				Qty (-)	188.42m ³
				Qty (-)	617.28m ³
M.R. Seal Sample					
Qty vnde 8 M.B. & page 13					
Area =					1312.50 m ²
volume					$1312.50 \times 0.020 = 26.25m^3$
P.C.C Qty					
Qty vnde sub No. 424/20-21 & page					
				Qty (-)	910.65m ³
Qty vnde 11-13 B. & page 14					
				Qty (-)	240.00m ³
				Qty (-)	1150.65m ³

lead worm @ 70%
 $2069.605 \times 70\% = 1448.72 \text{ m}^3$
 limit 1314 = 1443.13 m³
 lead worm @ 30%
 $2069.60 \times 30\% = 620.88 \text{ m}^3$
 limit 1314 = 613.65 m³

[Handwritten signature]
 12-01-22
 A.E.
 10-08-2024
 36'

Continuation

Food & Ale BML

ABSTRACT OF COST

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date	10-12-2021				
(1) Compd. of Reference & survey					
Bound marks - - - - -					
Sty vider 17.6.8 pgs 6					
Sty = 2.25 km					
@ Rs 9879.10/km					Rs 22228.00
(2) Compd. of Reference pillars					
Burjies - - - - -					
Sty vider 17.6.8 pgs 6					
Sty = 2.25 km					
@ Rs 9672.80/km					Rs 21764.00
(3) clearing & grubbing road					
land uprooting - - - - -					
Sty vider 17.6.8 pgs 6					
Sty = 0.68 km					
@ Rs 51133.76/km					Rs 34771.00
(4) construction of embankment					
bound 1000 m - - - - -					
Sty vider 17.6.8 pgs 6					
Sty = 618.65 m					
@ Rs 20252/m					Rs 125289.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/5) Const. of sub-grade & earthen shoulder					
Qty wire M.B. No. 433/20-24					
2 Page - 22					
Qty = 2113.62 m ³					
Long. of g. = 2115.32 m ³					
@ Rs 204.16/m ³					Rs 431864.00
(6/6) Continuation of cut & backfill					
beach 100 m					
Qty wire M.B. No. 433/20-24					
2 Page - 24					
Qty = 1443.53 m ³					
@ Rs 167.41/m ³					Rs 241666.00
(7/7) Excavation for road way					
Qty wire M.B. No. 433/20-24					
7 Page - 7					
Qty = 82.50 m ³					
Qty wire M.B. No. 433/20-24					
6 Page - 6					
Qty = 13.13 m ³					
Qty = 75.63 m ³					
@ Rs 74.16/m ³					Continuation Rs 7092.00

Rs 884669.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8/8) Laying Brick Soling layer on prepared Sub-grade					
Qty vide M.B. No. 423/20-21					
8 Page - 15					
Qty = 1382.50 m ²					
@ Rs 472.43 / m ²					Rs 653134.00
Rs 167.41 / m ²					Rs 231444.00
Rs 78					Rs 78
(9/9) Comp of 0.8 B m m					
Qty vide M.B. No. 423/20-21					
Qty = 82.50 m ³					
Qty = 176.84 m ³					
Qty vide M.B. No. 423/20-21					
Qty = 403.50 m ³					
Qty = 662.85 m ³					
Limit Qty = 661.59 m ³					
@ Rs 3170.30 / m ³					Rs 2097489.00
(10/10) P.V. & laying spreading w.B. m m - 3					
Qty vide M.B. No. 423/20-21					
Qty = 428.84 m ³					

Continuation

Rs 3638242.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide R.B.No. 423/20-21					
Page - 12					
Qty = 188.42 m ³					
Qty = 517.26 m ³					
Limit Qty = 516.14 m ³					
@ Rs 3937.35/m ³				Rs	2425953.00
(11) P.V. & laying Pipe					
Coast (Rs-1)					
Qty vide R.B.No. 423/20-21					
Page - 13					
Qty = 1312.50 m ²					
@ Rs 44.49/m ³				Rs	58393.00
(12) P.V. & applying tack					
Coast (Rs-1)					
Qty vide R.B.No. 423/20-21					
Page - 13					
Qty = 1312.50 m ²					
@ Rs 15.13/m ²				Rs	19858.00
(13) M.S. Sack Surfacing					

Continuation

Rs 6139452.00.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty of concrete for 1st floor	4437				
				Page - 13	
				Qty = 1312.50 cum	
Qty 227.45 for 2nd floor					228568.00
(14/14) Comp. of concrete for 1st floor					
Qty of concrete for 1st floor					
				Qty = 210.65 cum	

Qty of concrete for 1st floor	4437				
				Page - 14	
				Qty = 240.00 cum	
				Qty = 1150.65 cum	
Qty 7243.21 for 2nd floor					8341303.00
(15/15) Qty of concrete for 1st floor					
Qty of concrete for 1st floor	4437				
				Page - 15	
				Qty = 340.00 cum	
Qty 2465.03 for 2nd floor					7398.00

Continuation

Qty 14786721.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/17) 200 mm Stone ---					
sty. vide M.B. No. 433					
Qty = 9 m ³					
@ Rs 635.11/m ³ --- Rs					5716.00
(7/18) River Binding Pillar					
sty. vide M.B. No. 433					
Qty = 8 m ³					
@ Rs 511.13/m ³ --- Rs					4089.00
(8/19) Putting two coat inchy plaster					
sty. vide M.B. No. 433					
Qty = 22.32 m ²					
@ Rs 97.06/m ² --- Rs					2186.00
(19/20) Plr applying 2 coats water Base					
sty. vide M.B. No. 433					
Qty = 380.00 m ²					
@ Rs 90.88/m ² --- Rs					34572.00

Continuation

Rs 14833284.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20/21) Plaster & churning half apply thermo plaster ~					
Qty vide R.B.No. 433 Rysk-16					
Qty = 450.00 m ²					
@ Rs 735.44/m ²				Rs	330948.00
(21/22) Putting new letter					
Qty vide R.B.No. 433 Rysk-17					
Qty = 44.					
@ Rs 0.52/ea				Rs	23.00
(22/23) Plaster & fixing of typical masonry return					
Qty vide R.B.No. 433 Rysk-17					
Qty = 3 Nos.					
@ Rs 11499.42/ea				Rs	34498.00
(23/24) Plaster & churning main frame					
Qty vide R.B.No. 433 Rysk-17					
2 Nos					
@ Rs 11499.42/ea				Rs	22999.00

Continuation

Rs 15221752.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) 25	600 mm square slab				
	frayle - - - -				
	Qty made 0.13.110.433/p.21				
	Page - 17				
	Qty = 12 Nos.				
	@ Rs 3539.10/each				Rs 42469.00
(25) 26	600 mm square slab				
	Plw & frms				
	Qty made 1.13.110.433/p.21				
	Page - 17				
	Qty = 2 Nos.				
	@ Rs 4182.38/each				Rs 8365.00
(26) 28	900 mm wide octagon				
	Qty made 1.13.110.433/p.21				
	Page - 17				
	Qty = 2				
	@ Rs 8139.23/each				Rs 16278.00
(27) 29	Plw & frms 300 mm dia				
	Qty made 1.13.110.433/p.21				
	Page - 15				
	Qty = 15 Nos.				

Continuation

@ Rs 756.93/m — Rs 11313.
Rs 15300217.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28/30) Paving of p.c.c.					
Qty m/cr. B.No. 433/20-21					
Rate Rs. 15					
Qty = 36 m ³					
@ Rs. 22/ft. — Rs.					23517.00
(29/31) Excavation in foundation					
Qty m/cr. B.No. 433/20-21					
Rate Rs. 7					
Qty = 14.39 m ³					
@ Rs. 267.32/m ³ — Rs.					3876.00
(30/32) Sand filling in foundation					
Qty m/cr. B.No. 433/20-21					
Rate Rs. 7					
Qty = 1.28 m ³					
@ Rs. 400.55/m ³ — Rs.					513.00
(31/34) P.V. Pipe 15" —					
Qty m/cr. B.No. 433/20-21					
Rate Rs. 7					
Qty = 0.50 m ³					

Continuation

@ Rs. 6034.34/m³ — Rs. 5431.00

Rs. 15339554.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(32/35) P/V R.C.C. roof on Box cell. - -					
Qty made M.B. No. 433/20-21					
Page - 9					
Qty = 11.01 m ³					
Page - 10					
Qty = 2.31 m ³					
Page - 11					
Qty = 0.41 m ³					
Qty = 13.77 m ³					
@ Rs 7598.01/m ³					Rs 104625.00
(33/40) Back filling behind chamber - - -					
Qty made M.B. No. 433/20-21					
Page - 11					
Qty = 7.20 m ³					
@ Rs 3002.26/m ³					Rs 21904.00
(34/41) P/V weep holes - -					
Qty made M.B. No. 433/20-21					
Page - 12					
Qty = 10 m ³					
@ Rs 83.11/m ³					Rs 831.00

Continuation

Rs 15466914.00

D.F.Rp 17733726.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		177	337	26.00	
Below 0.06% as per measurement.					
		106	40	40.00	
		12	723	086.00	
less for previous bill					
812-13-812-8					
		1095	3979	00	
		676	9107	00	

12-01-22
A. E.
10-02-2024
85'