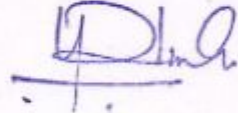


DVVP College of Engg
Vilad Ghat
Ahmednagar

NON-REC. GYMKHANA
Ledger Account

1-Apr-2023 to 31-Mar-2024

Date	Particulars	Vch Type	Vch No.	Debit	Page Credi
1-4-2023	To Opening Balance			2,84,906.00	
31-10-2023	To Suryavanshi K.K.(Sec.Depo.) Being Construction new toilet block in gymkhana of engg college as per sanctioned R.A. Bill (1st & Final) M.B. no 526 Page no 21 to 36 Dt.14-10-2023	Journal	462	10,62,406.00	
				13,47,312.00	
By	Closing Balance			13,47,312.00	13,47,312.00
				13,47,312.00	13,47,312.00



Principal
Dr.Vithalrao Vithe Patil
College of Engineering
Ahmednagar

Journal Voucher

Dated : 31-Oct-2023

Authorised Signatory

Authorised Signatory

Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil College of Engineering,
Vilad Ghat, Ahmednagar.

R.A. BILL ABSTRACT

1st & Final

Name of the work	Construction toilet block in Gymkhana hall for Engineering College (<i>Inside</i>)		
Name of the Contractor	Shri. Suryavanshi K.K		
Running Bill No.		Estimated Cost	1062406
Running Bill Date		Percentage	
M.B.No.	526	Sanction Tender Cost	
Page No.	21 TO 36	Time Limit	
Agreement Date		Date of Time Limit	
Work Order No. & Date		Penalty Rate	
DVVPFA/CIVIL/23-24	14-10-23	Delay Period	
Particular		Amount Rs	
Total Work Done Rs.			1062406
Less:			
		Net work done	1062406
Add-Material Advance			0
Add- Work Advance			0
		Total Rs.	1062406
Less- DEDUCTIONS			
1. Material Advance			
2. Work Advance			
3. Mobilization Advance			
4. Cement Advance			
5. S.D./EMD	1060406X5%=53120	53120	
6. TDS	1060406X1%=10624	10624	
7. Works Contract Tax			
8. Material Dubber Supply			
9. Penalty			
10. ISD			
Total Deduction Rs.		63744	998662
Nine Lakh Ninghty Eight thousand Six hundred Sixty two only.			
Ch.No.	Date	Rs	
Ch.No.	Date	Rs	
Ch.No.	Date	Rs	
ADM.ASST.	Shri.Chakkila Shrikant	Signature	<i>[Signature]</i>
MB Recorded By	Shri.Shinde.V.N	Signature	
Accountant	Shri.Sukhdhan.A.D	Signature	<i>[Signature]</i>
M.B.Prepared by	Shri.Shaikh N.I	Signature	<i>[Signature]</i>
Contractor	Suryavanshi K.K	Signature	
Chief-Civil Engineer	Accountant	Chief Accountant	Principal

Bhosale
SVB

डॉ. विठ्ठलराव विखे पाटील फौंडेशन

वडगांव गुप्ता, (विळद घाट), अहमदनगर

डीव्हीव्हीपीएफअ / सिव्हील / २०२३ /

दि. २०/८/२०२३

कार्यालयीन टिप्पणी

युनिट	डिपार्टमेंट	नवीन काम	रिपेअर अँड मेन्टेन्स
अभियांत्रिकी महाविद्यालय	सिव्हील विभाग	-----	रिपेअर अँड मेन्टेन्स

विषय:— अभियांत्रिकी महाविद्यालय कॅम्पस मधील मल्टीपरपज हॉल मध्ये नवीन टॉयलेटचे बांधकाम करून घेणेस मंजूरी मिळणेबाबत.

महोदय,

आपल्या संस्थेचे अभियांत्रिकी महाविद्यालय कॅम्पस मधील मल्टीपरपज हॉल मध्ये नवीन टॉयलेटचे बांधकाम करून घेणे गरजेचे आहे. सदर कामांस रु. १०,६२,४०६/- खर्च अपेक्षित आहे.

तरी सदर काम मे. सुर्यवंशी के.के, लोणी, यांच्याकडून करून घेणेस आपली मंजूरी मिळावी ही विनंती.

आपला विश्वासू,

adwinle
सिव्हील इंजिनिअर

मंजूर / नामंजूर

AL
सेक्रेटरी जनरल

डॉ. विठ्ठलराव विखे पाटील फौंडेशन
वडगांव गुप्ता, (विळद घाट), अहमदनगर.

1) Removing m.s window	$2.0 \text{ No} \times 156 = \text{Rs} = 312 = \text{Rs}$
2) Removing floor tiles	$33.38 \text{ sqm} \times 45 = \text{Rs} = 1502 = \text{Rs}$
3) Removing old cement plaster	$90.38 \text{ sqm} \times 52 = \text{Rs} = 4699 = \text{Rs}$
4) Removing rich mix concrete	$3.79 \text{ sqm} \times 930 = \text{Rs} = 3524 = \text{Rs}$
5) Providing & filling masonry	$1.35 \text{ cum} \times 593 = \text{Rs} = 800 = \text{Rs}$
6) P/L in situ c.c m/s for Pucca	$0.50 \text{ cum} \times 5830 = \text{Rs} = 2915 = \text{Rs}$
7) P/A Internal plaster in cm 1:4	$102.18 \text{ sqm} \times 278 = \text{Rs} = 28406 = \text{Rs}$
8) P/A new finish to plaster	$13.08 \text{ sqm} \times 65 = \text{Rs} = 850 = \text{Rs}$
9) P/L vitrified mat tiles for floor	$24.42 \text{ sqm} \times 160 = \text{Rs} = 39072 = \text{Rs}$
10) P/L ceramic tile for dado	$73.44 \text{ sqm} \times 1278 = \text{Rs} = 93856 = \text{Rs}$
11) P/L Polish standard tiles	$0.82 \text{ sqm} \times 1078 = \text{Rs} = 883 = \text{Rs}$
12) P/L 18x20 mm granite flooring	$5.84 \text{ sqm} \times 4024 = \text{Rs} = 23520 = \text{Rs}$
13) P/L flat form with kallar	$4.0 \text{ No} \times 8799 = \text{Rs} = 35196 = \text{Rs}$
14) P/L Euc part with flush tank	$1.0 \text{ No} \times 10768 = \text{Rs} = 10768 = \text{Rs}$
15) P/L 110mm dia pipe	$7.0 \text{ No} \times 7388 = \text{Rs} = 51716 = \text{Rs}$
16) P/L 15mm dia pipe	$4.0 \text{ No} \times 539 = \text{Rs} = 2156 = \text{Rs}$
17) P/L hot water mixer	$1.0 \text{ No} \times 1459 = \text{Rs} = 1459 = \text{Rs}$
18) P/L shower with Arm	$3.0 \text{ No} \times 4738 = \text{Rs} = 14214 = \text{Rs}$
19) P/L 15mm dia long body toilet	$3.0 \text{ No} \times 2306 = \text{Rs} = 6912 = \text{Rs}$
20) P/L 15mm dia angle cock	$8.0 \text{ No} \times 1108 = \text{Rs} = 8864 = \text{Rs}$
21) P/L cockroach trap S.S ball	$6.0 \text{ No} \times 2687 = \text{Rs} = 16122 = \text{Rs}$
22) P/L 40mm dia PVC pipe line	$4.0 \text{ No} \times 585 = \text{Rs} = 2340 = \text{Rs}$
23) P/L 75mm dia PVC pipe line	$3.70 \text{ Rmt} \times 301 = \text{Rs} = 1113 = \text{Rs}$
24) P/L 110mm dia PVC pipe line	$27.85 \text{ Rmt} \times 607 = \text{Rs} = 16904 = \text{Rs}$
25) P/L 150mm dia PVC pipe line	$20.95 \text{ Rmt} \times 788 = \text{Rs} = 16508 = \text{Rs}$
26) P/L 180mm dia PVC pipe line	$79.40 \text{ Rmt} \times 1481 = \text{Rs} = 117591 = \text{Rs}$
27) P/L B.B.M inspection chamber	$5.0 \text{ No} \times 9160 = \text{Rs} = 45800 = \text{Rs}$
28) P/L B.B.M inspection chamber	$5.0 \text{ No} \times 10777 = \text{Rs} = 53885 = \text{Rs}$
29) P/L Gully trap	$2.0 \text{ No} \times 1600 = \text{Rs} = 3200 = \text{Rs}$
30) P/L 25mm dia UPVC ball valve	$4.0 \text{ No} \times 412 = \text{Rs} = 1648 = \text{Rs}$
31) P/L 25mm dia cast iron ball valve	$2.0 \text{ No} \times 513 = \text{Rs} = 1026 = \text{Rs}$
32) P/L 40mm dia ball valve	$1.0 \text{ No} \times 1210 = \text{Rs} = 1210 = \text{Rs}$
	6,08,965 = Rs

6.08.965:54

33)	PIF 25mm float valve	1.0 NO $\times$ 953 = W	= 953 = W
34)	providing & constructing ABM in superstructure	2.35 sqm $\times$ 7994 = W	= 18785 = W
35)	providing sand face plaster	19.0 sqm $\times$ 639 = W	= 12141 = W
36)	PIF 18 to 20mm green marble	8.16 sqm $\times$ 2367 = W	= 19314 = 72
37)	Excavation for found ⁿ in H.M. rubble	62.21 cum $\times$ 252 = W	= 15676 = 92
38)	Dismantling ABM in over motor	1.82 cum $\times$ 335 = W	= 609 = 70
39)	providing & carting local trip	5.0 NO $\times$ 70 = W	= 350 = W
40)	PIF 15mm ϕ UPVC pipe line	14.16 Rmt $\times$ 245 = W	= 3469 = 20
41)	PIF 25mm UPVC pipe line	90.08 Rmt $\times$ 355 = W	= 31978 = 40
42)	PIF 40mm ϕ UPVC pipe line	28.10 Rmt $\times$ 520 = W	= 14612 = W
43)	PIF 25mm ϕ CPVC pipe line	16.12 Rmt $\times$ 375 = W	= 6045 = W
44)	PIF 20mm ϕ CPVC pipe line	18.82 Rmt $\times$ 310 = W	= 5772 = 20
45)	PIF Aluminium Lorry	8.48 sqm $\times$ 3467 = W	= 2940 = 16
46)	PIF Alu. partition with ACP	44.37 sqm $\times$ 3615 = W	= 160353 = 38
47)	PIF Alu. door with ACP	14.54 sqm $\times$ 4321 = W	= 62827 = 33
48)	PIF mosquito net with Alu. frame	5.34 sqm $\times$ 1184 = W	= 6322 = 56
49)	PIF galvanized ϕ 40mm tank	1.0 NO $\times$ 16726 = W	= 16726 = W
50)	PIF water tank	2000.0 Lit $\times$ 11 = W	= 22000 = W
51)	Raft difference bet ⁿ flush tank & flush cover	7.0 NO $\times$ 1375 = W	= 9625 = W
52)	PIF swim cock 15mm	4.0 NO $\times$ 3332 = W	= 13328 = W
			Rt 10,62,405 = 82

84 10,62,406 = W

(Signature)
CIVIL ENGINEER
 Dr. Vithalrao Vikhe Patil
 Foundation, Ahmednagar

Name of work- construction of toilet block at Gymkhana for Engineering college Vikad Ghata, Ahmednagar.

Name of contractor:-

K. Suryawanshi

Page No.

Date

Item No.	Description of Item	Qty.	Unit	Rate per Unit	Amount
1)	Removing window's	2.00	Nos.	156.00	912.00
2)	Removing Flooring	33.38	Sq.mt	45.00	1502.10
3)	Removing plaster	90.38	-11-	52.00	4699.76
4)	Disassembling concrete.	3.79 3.83	cu.mt	930.00	3524.70
5)	Filling with masonry ^{Orissa} 257/1404	1.35	cu.mt.	599.00	808.65
6)	Pr. & laying P.C.C. m-10 ^{Orissa} 289/1491	0.50	-11-	5830.00	2915.00
7)	Pr. & applying 25mm thick plaster	102.18	Sq.mt	278.00	28406.04
8)	Pr. & applying neeru finish	13.08	-u-	65.00	850.20
9)	Pr. & laying most finish vetrided tile ^{For flooring} 24.42 24.42	24.42	Sq.mt	1600.00	39072.00
10)	Pr. & fixing ceramic tile for wall	73.44	-11-	1278.00	93856.32
11)	Pr. & fixing mosaic tile flooring	0.825	-11-	1078.00	883.96
12)	Pr. & fixing granite for flooring	5.84	-u-	4024.00	23520.16
13)	Pr. & laying granite plat form.	4.00	No.	8733.00	35196.00
14)	Pr. & fixing Orissa type W.C. Pan	1.00 7.00	Nos.	10768.00	10768.00
15)	Pr. & fixing Orissa type W.C. Pan	7.00	-11-	7388.00	51716.00
16)	Pr. & fixing Mahini Trap.	4.00	-11-	539.00	2156.00
17)	Pr. & fixing Two way bib Tap.	1.00	-11-	1459.00	1459.00
18)	Pr. & fixing Three in one mixer cock.	3.00	-11-	4738.00	14214.00
19)	Pr. & fixing shaver with Arm.	3.00	-11-	2304.00	6912.00
20)	Pr. & fixing ^{Long body} Two-way bib Tap	8.00	-11-	1108.00	8864.00
21)	Pr. & fixing Angle cock.	6.00	-11-	2687.00	16122.00
22)	Pr. & fixing cock-roach trap Jali	4.00	-11-	585.00	2340.00
23)	Pr. & fixing 40 mm PVC Pipe	3.70	Rmt	301.00	1113.70
24)	Pr. & fixing 75 mm SWR Pipe	27.85	-11-	607.00	16904.95
25)	Pr. & fixing 110 mm SWR Pipe	20.95	-11-	788.00	16508.60
26)	Pr. & fixing 160 mm SWR/PVC Pipe	79.40	-11-	1481.00	1,17,591.40
27)	Pr. & cond. Inspection chamber 60x45	5.00	Nos.	9160.00	45800.00
28)	-11- 90x45	5.00	Nos.	10777.00	53885.00
29)	Pr. & fixing Gully Trap.	2.00	Nos.	1600.00	3200.00
30)	Pr. & fixing 25mm UPVC ball Valve	4.00	No	412.00	1648.00
31)	-11- 25mm CPVC ball valve	2.00	No.	513.00	1026.00

Name of work:- Providing & Constructing Toilet place
in Gyan Khana for Engineering college, vilant uhat
A.nagar.

Page No.

1

Date

Name of contractor:-

15. Suryawanshi, Loni

Item No.	Description of Item	Nos.	Lm	Bm	Hm	Qty.
1)	Removing window's	2.00	-	-	-	2.00 Nos.
2)	Removing flooring					
	$\frac{1.71+1.75}{2} = 1.73$	1 x 2	1.73	2.85	-	9.861 m ²
		1 x 1	5.05	1.32	-	6.666 m
		1 x 1	3.71	1.54	-	5.713 m
		1	2.84	1.86	-	5.282 m
	for Barn Pipe	1	3.30	0.25	-	0.825 m
	skirting 7.80 x 1.86 = 8.66	2	9.70	0.25	0.125	2.425 m
		2	9.65	0	0.125	2.412 m
	for Full tile door side over Basin	1	0.17	-	1.37	0.232 m
						33.416 m ²
3)	Removing plaster					
	$1.05 + 1.75 = 2.80$ h = $\frac{2.15 + 0.25}{2.40}$	1	2.80	-	2.40	6.720 m ²
		1	2.90	-	2.40	6.960 m
		1 x 2	1.80	-	2.40	8.64 m ²
		1	5.05	-	2.40	10.586 m ²
		1	5.05	-	2.40	10.586 m ²
	$\frac{2 \times 9.70 \times 7.65}{2.40} = 7.65$	1	1.80	-	2.40	4.320 m
	1.0 x 2.10	1	2.85	-	2.40	6.840 m
	2.25 x 1.50 x 1.30	1	5.15	-	2.40	12.360 m
	Entrance door wall	1	2.95	-	2.45	7.227 m
		1	3.23	-	2.45	7.913 m
		1	3.40	-	2.45	8.330 m
	Pillar door	1	0.50	-	1.60	0.80 m
	deduct Basin Below	1	0.60	-	0.60	0.360 m
						86.602 m ²
						90.38

Item no.	Description of items	Nos.	Lm	Bm	Hm	Qty.
4)	Removing concrete					
	w.c.	7	0.60	0.50	0.45	0.945 cu.m
	3x4 @ outer drainase.	1	4.50	0.45	0.50	1.012 m
	6.178 - 11-	1	3.00	0.45	0.50	0.675 m
	wall	25	0.45	0.45	0.700	0.708 m
	Bath N-Trap	1	2.00	0.25	0.15	0.075 m
	N-Trap Bath to Bath	1	2.50	0.25	0.15	0.093 m
	W.C. First	2	0.70	0.45	0.50	0.315 m
5)	Filling with mortar.					3.823 cu.m 3.79
		1	4.50	0.45	0.40	0.81 m
		1	3.00	0.45	0.40	0.54 m
		1				1.35 m
6)	Pr. & laying PCC. m-10	1	4.50	0.45	0.10	0.202 m
		1	3.00	0.45	0.10	0.135 m
	First w.c.	2	0.70	0.45	0.10	0.063 m
	Bath N-Trap	1	2.00	0.25	0.10	0.050 m
	N-Trap Bath to Bath.	1	2.50	0.25	0.10	0.0625 m
	For ch. 60x450	1x5	1.21	1.36	0.10	0.822 m
	900x450	1x5	1.21	1.66	0.10	1.00 m
	S.Tone					0.75
7)	Revoling & applying 25 mm thick plaster.					2.238 cu.m 0.50 m
	1.05 + 1.75 = 2.80	1	2.80	-	2.40	6.72 m
		1	2.90	-	2.40	6.96 m
		1	1.80	-	2.40	4.32 m
		1	5.05	-	2.40	12.12 m
		1	5.05	-	2.40	12.12 m
		1	1.80	-	2.40	4.32 m
		1	2.85	-	2.40	6.84 m
		1	5.15	-	2.40	12.36 m
	Entrance door wall	1	2.95	-	2.40	7.08 m
						72.98 sq.m

AS Discovered
Plaster
Area

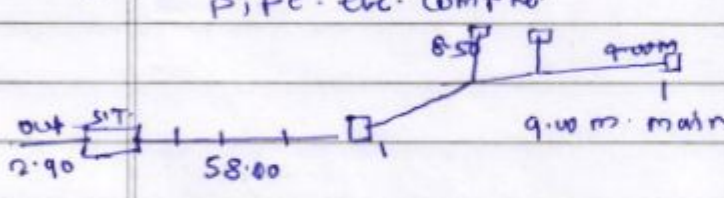
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Item no.	Description of Item	Nos.	L m	B m	H m	Qty.
8)	Pr. & applying neeru finish to Plaster surface. etc. complete.					
	Entrance door wall - N	1	2.80 ✓		0.25	0.70 sqm
		1	2.90 ✓		0.25	0.725 m
		1	1.90 ✓		0.25	0.475 m
		1x2	5.05 ✓		0.25	2.525 m
		1	1.80 ✓		0.25	0.450 m
		1	2.85 ✓		0.25	0.712 m
		1	5.15 ✓		0.25	1.287 m
	Entrance door wall - S.	1	2.95 ✓		0.30	0.885 m
		1	3.23 3.95 ✓		0.30	0.969 m
		1	3.40.		0.30	1.020 m
	door side pillar	1	0.50 ✓	-	0.23	0.115 m
	Window Jamb. - 1.91 x 1.13	1x2	2.21 ✓		0.15	0.663 m
		1x2	1.13 ✓		0.15	0.339 m
	1.48 x 0.83	1x2	1.78 ✓		0.15	0.534 m
		1x2	0.83 ✓		0.15	0.249 m
	1.83 x 1.18	1x2	2.13 ✓		0.15	0.639 m
		1x2	1.18 ✓		0.15	0.354 m
	1.50 x 0.83	1x2	1.80 ✓		0.15	0.540 m
		1x2	0.83 ✓		0.15	0.269 m
	1.83 x 1.19	1x2	2.13 ✓		0.15	0.639 m
		1x2	1.19 ✓		0.15	0.357 m
	door wall	1x2	1.87 x 0.15	- 14.2115	0.15	14.4265 m
		2	2.91 x 0.15	1.45	0.15	(-) 0.22
		2	2.17 x 0.15	1.79	0.15	(-) 0.43
						(-) 0.53
						13.08 m ²
9)	Providing & laying verified tile for flooring					
	Room Entrance	1x2	1.35 ✓	1.60 ✓	-	4.32 sqm
	3x4 W.C.	1x2	1.20 ✓	1.20 ✓	-	2.88 m
	EW.C.	1x1	2.30 ✓	1.20 ✓	-	2.76 m
	W.C.	1x3	1.42 1.33 ✓	1.33 ✓	-	5.28 m
						14.786 m

Item No.	Description of Item.	No.	Lm	Bm	Hm	Qty
					B.F. -	14.786 sqm
	Bath	1x2	1.74	1.36	-	4.732 ~
	For wall Basin.	1	3.30	-	0.30	0.99 ~
	From Entrance door - N. -	1	1.05	-	0.30	0.315 ~
	Sum of 20 S. -	1	2.95	-	0.30	0.885 ~
		1	3.23	-	0.30	0.969 ~
	3.40 - 0.60 for Basin.	1	2.80	-	0.30	0.840 ~
						23.517 m ² 24.42 m ²
10)	Pr. & fixing wall tile for ceramic. etc. complete. W.C. Floor Entrance wall door - Noofh.	1	1.70 2.75	-	2.10	3.570 sqm
	W.C. + 2' + 7.5 = 2.75 W.C.	1	2.85	-	2.10	5.985 ~
	- 11 -	1	1.75	-	2.10	3.675 ~
	W.C. + E.W.C. -	1x2	5.05	-	2.10	21.210 ~
	Bath.	1x2	1.80	-	2.10	7.560 ~
		1x1	2.80	-	2.10	5.880 ~
	5.10 - 1.80 Bath wall	1	3.30	-	1.80	5.940 ~
	From Entrance door Noofh wall	1	1.05	-	1.80	1.890 ~
	- 11 - South door side	1	2.95	-	1.80	5.31 ~
		1	3.23	-	1.80	5.810 ~
	side. step wall s	1	3.40	-	1.80	6.12 ~
	deduct below Basin.	1	0.60	-	0.30	0.18
	door side pillar.	1	0.50	-	1.37	0.685
					72.77	73.455 m ² 73.44
11)	Pr. & fixing mosaic tile flooring ad tiles	1	3.30	0.25	-	0.825 m ²

Item No.	Description of Items.	Nos.	Lm	Bm	Hm	Qty.
12)	Providing & fixing Granite for flooring					
	From Entrance W.C. 1x2	1	2.85	0.12	-	0.342 sqm
	mid	1	1.60	0.12	-	0.192 ~
	W.C. & E-W.C. 3x4.5	1	5.05	0.12	-	0.606 ~
	mid	1x3	1.20	0.12	-	0.432 ~
	1133 W.C. 6x7x8	1	3.71	0.12	-	0.445 ~
		1x3	1.42	0.12	-	0.511 ~
	Bath.	1	2.85	0.12	-	0.342 ~
		1	1.75	0.12	-	0.210 ~
	Basin. side.	1x4	0.62	-	0.35	0.868 ~
	0.08+0.11=0.19 Facing. &	1	3.26	-	0.19	0.619 ~
	Urinal partition.	1x2	0.61	-	1.08	1.317 ~
					4.567	5.889 m ²
						5.84 m ²
13)	Pr. & fixing platform with Kaddapa position & Granite top etc. complete.	1x4	-	-	-	4.00 Nos.
		1	3.26	0.62	-	
14)	Pr. & fixing E.W.C. pan.	1.00	-	-	-	1.00 No.
15)	Pr. & fixing ornisa type W.C. pan.	1x7	-	-	-	7.00 Nos.
16)	Pr. & fixing Nohani tap.	1x4	-	-	-	4.00 No.
	E.W.C. 1 Basin 2 Bath 1					
17)	Pr. & fixing Two way bib tap etc. complete. E.W.C.	1.00	-	-	-	1.00 Nos.
18)	Pr. & fixing mixer cock. Nos = 3	1x03	-	-	-	3.00 No.
19)	Pr. & fixing shower	1x3	-	-	-	3.00 Nos.

Item No.	Description of Item.	Nos.	L m	B m	H m	Qty
20)	Pos. & fixing long body bib rock etc. complete.	1x7	-	-	-	7.00 Nos.
	outside. Path	1x1	-	-	-	1.00 No.
	Valve					8.00 Nos.
21)	Pos. & fixing angle rock.					
	For Gizzers. Bath	2x3	-	-	-	6.00 Nos.
22)	Pos. & fixing cock-roach trap.					
	Jali	1x4	-	-	-	4.00 Nos.
23)	Pos. & fixing 40 mm PVC Pipe					
	For Basin.	1x1	2.50	-	-	2.50 Rm
		1x3	0.40	-	-	1.20 -w
						3.70 Rm
24)	Pos. & fixing 75 mm SWR. Pipe.					
	Basin to Bath. N.T	1	2.20	-	2.20	2.20 Rm
	Bath to Bath	1	2.50	-	2.50	2.50 -w
	For. N.T. rest. etc.	3	0.25	-	-	0.75 -w
	Bath wall 0.50 + 0.40	1	0.90	-	-	0.90 -w
	E.W.C. wall 0.40 + 0.50 + 0.70	1	1.60	-	-	1.60 -w
	First W.C. rest 6.10 + 1.00	1	7.10	-	-	7.10 -w
		1	6.15	-	-	6.15 -w
		2	6.40	-	-	12.80 -w
						27.85 Rm
25)	Pos. & fixing 110 mm SWR. Pipe					
	For N.T. rest. etc. N.T. rest.	1x3	0.25	-	-	0.75 Rm
	Entrance. W.C. - 0.70 + 0.80	1x2	1.50	-	-	3.00 -w
	W.C. - 2 - Horizontal 4.50 + 0.50	1	5.00	-	-	5.00 -w
	E.W.C. - 0.50 + 0.50 + 0.40	1	1.40	-	-	1.40 -w
		1x2	0.80	-	-	1.60 -w
						11.35 Rm

Item No.	Description of Item	Nos.	L m	B m	H m	Qty.
					B.F. -	11.35 Rm
1183	W.C. - 2 each 0.50+0.50	1	1.00 ✓	-	-	1.00 Rm
	5 0.2+0.50	1	0.70 ✓	-	-	0.70 Rm
	outside.	1x2	0.45 ✓	-	-	0.90 m
1133	Inside Horizontal	1x1	2.40 ✓	-	-	2.40 m
	for y to corridor ^{BL}	1x4	0.50 ✓	-	-	2.00 ^{1.50} m
110	ch. to chamber.	1	1.10 ✓	-	-	1.10 m
	ch. to main line	1	1.10 ✓	-	18.95	1.00
		1				20.95 Rm
26)	Po. & fixing 160 mm sup/PVC pipe etc. complete	1				
		1	8.50	-	-	8.50 Rm
		1	9.00 ✓	-	-	9.00 m
		1	8.50 ✓	-	-	8.50 m
		1	58.00 ✓	-	-	58.10 m
		1	2.90 ✓	-	-	2.90 m
	End, W.C. chamber to main	1	1.10 ✓	-	87.00	1.10 m
						73.40 Rm
27)	Po. & constructing inspection chamber 60x45	1x5 ✓	-	-	-	5.00 Nos.
28)	Po. & constructing I. chamber 90x45	1x5 ✓	-	-	-	5.00 Nos.
29)	Po. & fixing gully trap chamber	1x2 ✓	-	-	-	2.00 Nos.
30)	Po. & fixing ^{upvc} 25 mm ball valve	1x4 ✓	-	-	-	4.00 Nos.
31)	Po. & fixing 25 mm G.P.C. ball valve	1x2 ✓	-	-	-	2.00 Nos.
32)	Po. & fixing 40 mm ball valve	1x1 ✓	-	-	-	1.00 No.
33)	Po. & fixing 25 mm G.P.C. ball valve	1x1 ✓	-	-	-	1.00 No.

Item No.	Description of Items	Nos.	Lm	Bm	Hm	Qty.
34)	Pr. 2 constructed B.M in superstructure ... the complete					
	Window closed	1x2	1.65	0.23	1.50	1.13 cur
	↳ default	1	0.60	.23	0.50	0.06 ~
	hole closed	1x5	0.45	0.45	0.70	0.70 ~
	Water Tank off	1x2	$\frac{3.14}{4}$	1.40x1.40x0.15		0.46 ~
						<u>2.95 cur</u>
35)	Pr. 2 fixing sand face plaster					
	1, 2 for window outside	1x2	2.11	0.10	-	0.42
		1x2	1.13	0.10	-	0.22
	3, 4	1x1	1.48	1.40	-	2.07
		1x2	0.83	0.05	-	0.08
	5, 6	1x2	2.03	0.10	-	0.40
		1x2	1.18	0.10	-	0.23
	old window closed	1x1	1.50	1.40	-	2.10
		1x2	0.83	0.05	-	0.08
	Window Bath 9 2 10	1x2	2.23	0.20	-	0.89
		1x2	1.19	0.20	-	0.47
	default w.	1	0.60	0.50	-	0.30
	ch. 122, outside hole	1	2.75	0.30	-	0.82
		1	3.40	0.50	-	1.70
		1	2.40	1.25	-	0.60
	ch. No. 900x450	1x5	4.50	0.30	-	6.75
		1	2.70	.45	-	1.21
		1	2.65	0.45	-	0.66
						<u>19.00 sq.m</u>

Item No.	Description of Item	No.	Lm	Bm	Hm	Qty
36)	Providing & fixing Green marble for window's etc. complete.					
	1.91 x 1.13	1x2	1.91	0.30	-	1.146 sq.m
		1x2	1.13	0.30	-	0.678 ~
	1.48 x 0.83	1x2	1.48	0.30	-	0.888 ~
		1x2	0.83	0.30	-	0.498 ~
	1.83 x 1.18	1x2	1.83	0.30	-	1.098 ~
		1x2	1.18	0.30	-	0.708 ~
	1.50 x 0.83	1x2	1.50	0.30	-	0.900 ~
		1x2	0.83	0.30	-	0.498 ~
	1.83 x 1.19	1x2	1.83	0.30	-	1.098 ~
		1x2	1.19	0.30	-	0.714 ~
						8.226 sq.m
37)	Excavation for foundation H.m. 2 boulders. F					
	For chambers 60 x 45 Chdelle	1x5	1.21	1.36	0.40	3.291 cu.m
	90 x 45 Y	1x5	1.26	1.66	0.70	7.030 ~
	Septic Tank 1.12 x 0.7 x 2.50 x 0.60	1	2.30	3.70	2.00	17.02 ~
	For soak pit. depth	1	0.30	0.90	0.90	4.86 ~
	For pit. washing pot	1	9.30	2.70	1.50	
38)	Dismantling B.B.M. V 1x2	1	1.95	0.25	1.20	0.585 cu.m
	V 6x7	1x2	1.95	0.25	1.20	1.17 ~
	W 6x7	1x2	1.50	0.25	0.10	0.075 ~
						1.76 cu.m
39)	Local trip.	5-w	-	-	-	5.00 ~

Item No.	Description of Item	Nos.	Lm	Bm	Hm	Qty
40)	Po. & fixing 15mm UPVC pipe					
	First w.c. near entrance door	1x2	0.43	-	-	0.86 RM
	2nd & third	1x2	0.46	-	-	0.92 m
	EWC. flush tank	1	0.18	-	-	0.18 m
	Two way cock	1	0.45	-	-	0.45 m
	outside panpi valve ^{EWC} _{unit}	1	0.62	-	-	0.62 m
	3 w.c. Tap	1x3	0.46	-	-	0.46 ^{1.38}
	Tower 15mm GI. brace	1	9.75	-	-	9.75 m
41)	Po. & laying 25mm UPVC pipe					
	First w.c. near entrance door					
	Horizontal	1	2.80	-	-	2.80 RM
	UPVC flush $\rightarrow$	1x2	1.38	-	-	2.76 1.76 m
	Wall	1	0.35	-	-	0.35 m
	vertical outside $\rightarrow$ _{unit}	1	0.95	-	-	0.95 m
	2nd w.c. Horizontal	1	1.70	-	-	1.70 m
	For flush	1x2	0.35	-	-	0.70 m
	Wall	1	0.35	-	-	0.35 m
	vertical outside	1	0.85	-	-	0.85 m
	3rd w.c. & EWC. Horizontal	1	4.55	-	-	4.55 m
	For flush	1x3	0.35	-	-	1.05 m
	Wall	1	0.35	-	-	0.35 m
	vertical outside	1	0.92	-	-	0.92 m
	Tank inlet Ground	1	45.75	-	-	45.75 m
	vertical	1	5.10	-	-	5.10 m
	Horizontal over slab	1	12.20	-	-	12.20 m
	Air pipe near water _{over flow}	1x4	1.40	-	-	5.60 m
	over flow	1	2.60	-	-	2.60 m
	Broken Repairs at 3'x1'6" chamber	1	1.50	-	-	1.50

Item No.	Description of Item	Nos.	Lm	Bm	Hm	Qty.
42)	Po. & fixing 40mm UPVC pipe					
	Tank to Tank	1	1.40	-	-	1.40
	over slab 40 mm for Bath Horizontal	1	5.20	-	-	5.20
	Over Slab w.g. main	1	5.10	-	-	5.10
	Branch for 1 st 2 w.g. Horiz. slab	1	7.50	-	-	7.50
	wall	3	0.35	-	-	1.05
	1 st 2 w.g. vert. outside	1	2.15	-	-	2.15
	2 nd 2 w.g. vert. outside	1	3.40	-	-	3.40
	EWG. & 3 w.g. vert. outside	1	2.30	-	-	2.30
	<u>Over Flow pipe.</u>	1	2.65	-	-	2.65
43)	Po. & fixing 25mm CPVC pipe					
	EWG. to mixer verbriche outside	1	3.05	-	-	3.05
	<u>wall</u>	1 x 1	0.35	-	-	0.70 0.35
	<u>cold.</u>	1	2.15 2.15	-	-	2 2.15
	Bath over slab go to	1	0.85	-	-	0.85
	wall	1 x 2	0.35	-	-	0.70
	Bath. verbriche outside	1	4.65	-	-	4.65
	Bath inside horizontal	1	2.80	-	-	2.80
		1	0.22	-	-	0.22
		1	1.35	-	-	1.35
44)	Po. & fixing 20mm CPVC pipe					
	EWG. mixer rest. outside ew	1	0.40	-	-	0.40 Rm
	wall entry	1	0.35	-	-	0.35
	cold	1	2.15	-	-	2.15
	Hot	1	1.620	-	-	1.620
	Shower	1	1.13	-	-	1.13

Item no.	Description of Itm.	Nos.	Lm	Bm	Hm	Gly.
					B.F.	
	Bath @ In-Horizon	1	0.94 ✓	-	-	0.94 pm
	cold	1	1.35 ✓	-	-	1.35 w
	Hot	1	1.51 ✓	-	-	1.51 w
	Shower	1	1.12 ✓	-	-	1.12 w
	2 nd Bath ^{again} cold	1	1.50 ✓	-	-	1.50 w
	1.33 to 0.17 Hot	1	1.40 ✓	-	-	1.40 w
	Shower	1	1.12 ✓	-	-	1.12 w
	Shower	1	-	-	-	- w
	Toward Basin into in bath	1	0.20 ✓	-	-	0.20 w
	Horizontal to Basin	1	3.25 ✓	-	-	3.25 w
	To Basin	1x4	0.15 ✓	-	-	0.15 w

center platform - 400 / either temporary - 5 / work copy - 5 / connection pipe - 5 / waste pipe - 5

$$\text{left} = 3.2 \times 0.61$$

Endlag 1 cm $57 \cdot 0.80 \times 0.75$

T20 17 32820-60

Gravität $1 \times 3.267 \text{ m/s}^2$

 173.24 ± 0.08

103.2670.66

✓ 2p 0.6070.40

Alum vertical bar

171	1.87	1.13
181	1.44	0.79
181	1.33	1.13
181	1.66	0.79
181	1.79	1.15

Alu partition

Gmt IV II

171	2.79	2.10 ✓
mid	1.60	2.10 ✓
(→) D	172	0.70 2.06 ✓
171 k IV	171	5.05 2.10 ✓
mid	173	1.25 2.10 ✓
(→) D	172	0.70 2.06 ✓
(→) D	171	0.70 2.06 ✓

6 x 7 x 8 ft

171	3.71	2.10
mid	173	1.45 2.10
(→) D	173	0.70 2.06

Bath house

171	2.80	2.10
mid	171	1.75 2.10
(→) D	172	0.70 2.06

at 54 CDR

171	2.27	2.10
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M 37 water

171	1.87	0.77
171	0.74	0.79
171	1.79	0.80
171	0.76	0.79
171	1.79	0.79

Slack time 9.00 - 1.00

1.00 for water tank - 2

Item No.	Description of Items	No.	Lm	Bm	Hm	Qty.
34)	po. & constructing B.M in super structure...etc. complete				1	
	Window closed	1x2	1.65	0.23	1.50	1.138 sq.m
	-u default	1	$\frac{0.60}{0.75}$	0.23	0.50	$\frac{0.06}{0.086}$ m
	Hole closed.	1x5	0.45	0.45	0.70	0.708 m
	Water Tank etc.	1x2	$\frac{3.14}{4} = 0.785$	1.40^2	0.15	0.461 m
						$\frac{2.393}{2.35}$ m
35)	po. & applying external sand face plaster.					
	For window	1x2	2.11	-	0.10	0.422 sq.m
	$\frac{1.91 \times 1.13}{100}$	1x2	1.13	-	0.10	0.226 m
	$\frac{3 \times 4}{100}$ $1.48 \times 0.83/50$	1x1	1.48	-	1.40	2.07 m
		1x2	0.83	-	0.05	0.083 m
	$\frac{6 \times 7}{100}$ $1.83 \times 1.18/100$	1x2	2.03	-	0.10	0.406 m
		1x2	1.18	-	0.10	0.236 m
	out window etc $1.50 \times 0.83/50$	1x1	1.50	-	1.40	2.10 m
		1x2	0.83	-	0.05	0.083 m
	$\frac{10 \times 10}{100}$ $1.83 \times 1.19/200$	1x2	2.03	-	0.20	0.892 m
		1x2	1.19	-	0.20	0.476 m
	outside holes default + window	1	$\frac{0.75}{0.60}$	-	0.50	$\frac{0.375}{0.30}$ m
						7.369
	1x1x2	1x1	2.75	0.30		
	Ente murch	1x1	3.41	0.50		
			2.40	0.25		
	Chiqua	1x1x5	4.5	0.30		
	Bum ch	1x1	2.70	0.45		
		1x1	2.85	0.25		