



CANARA ENGINEERING COLLEGE

SUDHINDRA NAGARA, BENJANAPADAVU, BANTWAL TQ, D.K - 574219



Date:21/08/2025

From,

Prajwal Tellis
Resident Engineer
Canara Engineering College,
Benjanapadav.

To,

Principal
Canara Engineering College
Benjanapadav

Through,

Dean
Administration
Canara Engineering College
Benjanapadav

Respected Sir,

Subject: Request for Work Order Approval for Nandini Hostel – Heat pump related Plumbing & Drainage Works

This is to inform you that a 2500-litre hot water tank along with a heat pump was installed at Nandini Hostel in the month of July. All necessary plumbing works were completed as per the site requirements. Additionally, the drain water pipeline from the terrace to the ground level was successfully laid. Pending works such as the connection from the tank to the main fresh water line, installation of the overflow and tank cleaning lines, and provision of rainwater lines at the required terrace locations were also completed on priority. Bathroom CP (chrome-plated) fixtures, which were missed in the previous estimation, have been installed.

Furthermore, in the hostel DG yard, the connecting road includes a main line with three drainage chambers that are currently situated below ground level. These chambers need to be raised urgently to prevent frequent blockages and ensure smooth drainage flow. Approximately 75% of the work has already been completed under the current estimation. In light of this, we kindly request your approval to raise the work order for the entire estimation.

Thanking you

Yours's Sincerely

Prajwal Tellis
21/8/25

Attachments

1. Estimation
2. Work related pics



SHREE GANESH ELECTRICALS

ELECTRICAL, PLUMBING AND SANITATION
(Govt. License No. Class I - 5543)

Belview Apartments, Valencia, Mangalore - 575 001 .

ESTIMATE

Ref :Est/CHSA/Benjanapadav/SG/2025-26(029)

Date: 11/08/2025

To:

The Secretary
Canara High School Association
Kodialbail
Mangalore

Site: At Canara Engineering College Campus Benjanapadav.

Sub : Plumbing works estimate for

- * Heat Pump, Overhead Tank and Rain water pipe line works
- * CP Fixtures 3rd, 2nd, First & Ground Floor
- * Manhole Raising Construction Works

Work Note No:

SI No.	DESCRIPTION	UNIT	QTY	RATE	Amount
	Heat Pump, Overhead Tank and Rain water pipe line works :-				
1	Supplying and fixing of finolex make 4kg pressure PVC pipe (IS4985) using tee, elbow, bend, coupling and cap (suage line) <i>Draw line,</i>				
a	2½" 4kg pressure PVC pipe [Floor Wash - 10+60]	Rft	70	122	8540.00
b	4" 4kg pressure PVC pipe [Rain Water - 38.5+16]	Rft	54.5	219	11935.50
2	Providing and fixing UPVC threaded pipe (ASTM D1785) 15kg pressure with finolex make UPVC fittings such as Tee, Elbow, bend, reducer, coupling, H. nipple complete pipe line system				
a	1" UPVC pipe (open)	Rft	2	143	286.00
b	1 ¼" UPVC pipe (open)	Rft	4	146	584.00
c	2" UPVC pipe (open)	Rft	186	180	33480.00
	Over Head Tank Line : <i>Tank Draft</i> 30+15.5+16.5+16.5+16.5+29.5+26.5+35 <i>old CP</i>				
3	Providing and fixing of CPVC pipe astral make with necessary CPVC fittings, elbow, Tee, reducer fittings in concealed system				
a	1" CPVC pipe [32+18+12.5]	Rft	62.5	180	11250.00



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b	1 1/4" CPVC pipe [8+(1x4=4)+12.5+33]	Rft	57.5 /	185	10637.50
4	Supplying and fixing of UPVC ball valve ISI make				
a	1" Supreme UPVC ball valve	Nos	1 /	784	784.00
b	1 1/4" Supreme UPVC ball valve	Nos	1 /	1583	1583.00
5	Supplying and fixing of CPVC ball valve ISI make (Spears)				
a	3/4" Ball Valve Long Handle	Nos	1 /	242	242.00
b	1" Ball Valve Long Handle	Nos	5 /	400	2000.00
c	1 1/4" Ball Valve Long Handle	Nos	1 /	640	640.00
6	Supplying and fixing union CPVC				
a	1" CPVC union	Nos	4 /	194	776.00
7	Fabrication & Supplying and fixing of M.S clamp with 'U' adjustable G.I clamp with supplying and fixing of anchor bolts				
a	1" U clamp [3]	Nos	3 /	180	540.00
b	1 1/4" U clamp [3+2]	Nos	5 /	200	1000.00
c	2" U clamp [6+2+6+2+5]	Nos	21 /	215	4515.00
d	2 1/2" U clamp	Nos	18 /	230	4140.00
e	4" U clamp	Nos	8 /	325	2600.00
8	Labour charges for Hole Making (core cutting)				
a	2 1/2" Hole making	Nos.	14 /	980	13720.00
9	Supplying & providing of Plastering	Nos	14 /	259	3626.00
10	Supplying and fixing of 50mm Brass Float Valve. [1800+7%+350(L)+15%]	Nos	2 /	2617	5234.00
	1G Hostel - 1Nos.				
	2G Hostel - 1Nos.				
11	Supplying and fixing of				
a	1 1/4" CPVC Brass THD MTA	Nos.	8 /	579	4632.00
b	1" CPVC Brass THD FTA	Nos.	2 /	278	556.00
c	1" CPVC Brass THD MTA	Nos.	4 /	292	1168.00
d	3/4" CPVC Brass THD MTA	Nos.	1 /	125	125.00
12	Labour charges for Cement Plastering works complete.	Ls.	1 /	5750	5750.00
				SubTotal	130344.00
CP Fixtures 3rd, 2nd, First & Ground Floor :-					
1	Labour charges for fixing				
a	Towel Rod	Nos.	50 /	125	6250.00
b	Towel Ring	Nos.	50 /	125	6250.00
c	Soap Tray	Nos.	50 /	125	6250.00



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d	Mirror	Nos.	50	125	6250.00
SubTotal					25000.00
Manhole Raising Construction Works :-					
1	Supplying and fixing of finolex make 4kg pressure PVC pipe (IS4985) using tee, elbow , bend , coupling and cap (suage line)				
a	4" 4kg pressure PVC pipe	Rft	8.5	219	1861.50
2	Supplying and fixing of pocilin 'P' trap	Nos	1	886	886.00
3	Providing and construction of inspection chamber with 4" thick Factory bricks in 1:6 cement motor on base 6" thick 1:4:8 PCC bend and chamber inside grout finish and outside plastering cement motor 1:4 including earth work excavation, curing etc complete				
a	24"x24"x24"	Nos.	1	4340	4340.00
4	Manhole Raising				
a	1' Manhole Raising	Nos.	2	3618	7236.00
b	3' Manhole Raising	Nos.	1	10853	10853.00
5	Labour charges for Old Manhole repair works.	Ls.	1	2750	2750.00
6	Labour charges for RCC Round Manhole Cover fixing	Nos.	1	750	750.00
7	Supplying of PVC Pipe				
a	2½" PVC Pipe 4Kg.	Length	1	630	630.00
b	4" PVC Pipe 4Kg.	Length	1	1140	1140.00
c	6" 6Kg. PVC Pipe	Length	2	2940	5880.00
8	Supplying and fixing of RCC Chamber Cover with Frame				
a	18"x18" estimate	Nos.	✓	2473	2473.00
SubTotal					38799.50
Total					194143.50
Rounded Off					194144.00
(Rupees One Lakh Ninety Four Thousand One Hundred Fourty Four Only)					

Note : GST Charges Extra 20/08/2025

SATHISH KUMAR SHETTY
Service Consultant
Ground Floor, "MOTISHAM APARTMENT"
OLD KENT ROAD

For SHREE GANESH ELECTRICALS

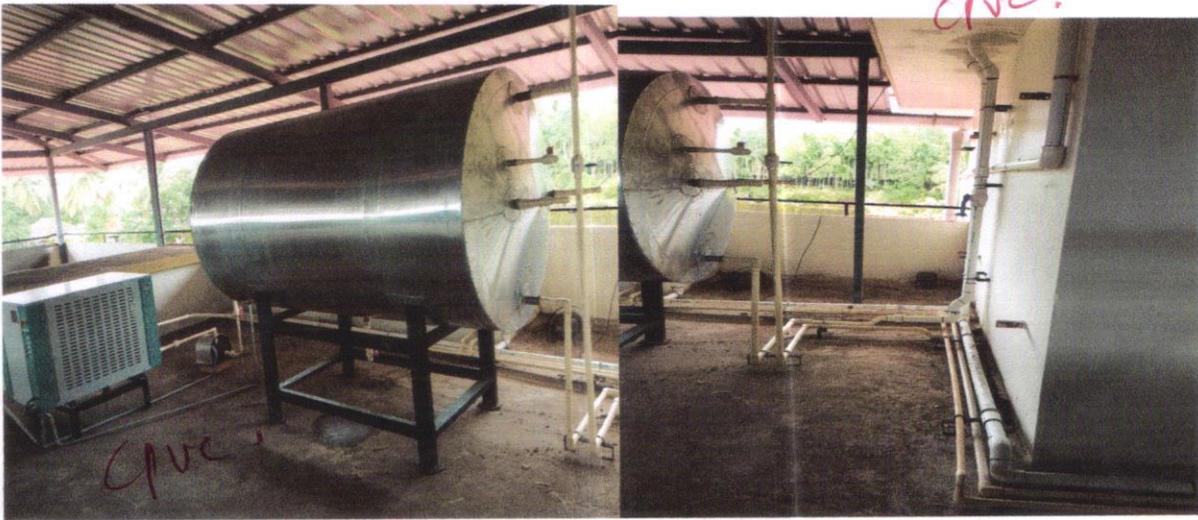
Proprietor

Verified
Rajesh
19/9/25

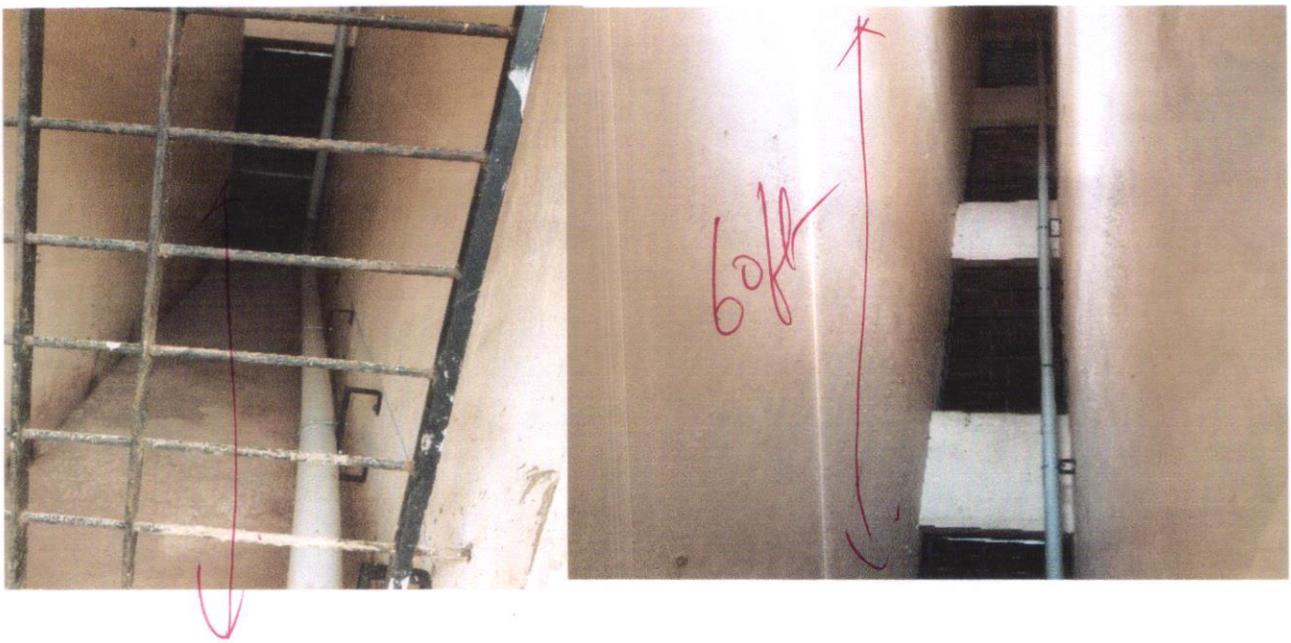
Part of the work completed
W.O. may be issued

9.9.25

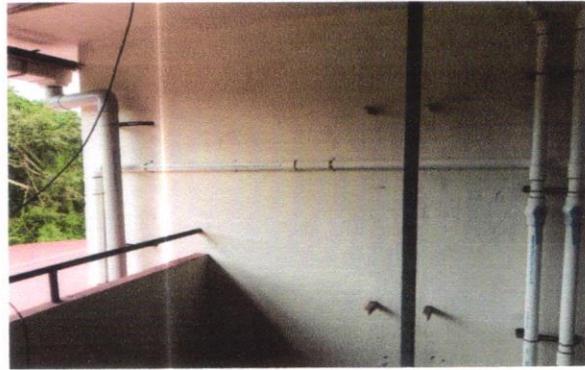
Heat pump setup



Terrace to ground floor duct line (drain water from tank)



Terrace tank overflow, rain water, tank drop etc.



Hostel dg yard road manhole raise

3ft

1 ft.

