

RAIN WATER HARVESTING

1. DENTAL COLLEGE & HOSPITAL, SANGLI



Vishram bagh, Vijaynagar, Miraj, Maharashtra 416410, India

Latitude
16.841959999999997°

Longitude
74.62058166666667°

Local 10:58:05 AM
GMT 05:28:05 AM

Altitude 564.6 meters
Thursday, 16-09-2021



Bharti Vidyapeeth
Deemed to be University



Google

Miraj, Maharashtra, India
 Prajanish, 933/A, plot no. 5, Siddhivinayak Nagar near Bhartividyaapeeth,
 Sangli - Miraj Rd, Vijaynagar, Miraj, Maharashtra 416410, India
 Lat 16.841655°
 Long 74.621879°
 29/07/21 02:51 PM

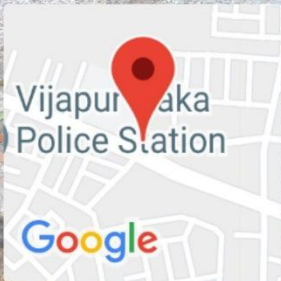
BORE-WELL/ OPEN WELL RECHARGE- CONSTRUCTION OF TANKS AND BUNDS

1. ABHIJEET KADAM INSTITUTE OF MANAGEMENT & SOCIAL SCIENCES, SOLAPUR





**7.1.4 Water Conservation Facilities
(2) Bore Well Unit - Old Building**



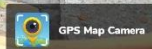
Solapur, Maharashtra, India

12, Jule Solapur Rd, Old Santosh Nagar, Konark Nagar, Jule,
Solapur, Maharashtra 413004, India

Lat 17.639666°

Long 75.902901°

11/09/21 12:01 PM



WATER CLEANING BILLS

Tax Invoice

Safari Group Facility Services LLP(20-21)
 Bharati Vidyapeeth Main Gate,
 Dhankawadi, Pune - 411 043
 Phone No : 020-24368800 / 9552355555
 GSTIN/UIN: 27ADRF33351E1ZV
 State Name : Maharashtra, Code : 27
 Contact : 020-24368800, 8668515775
 E-Mail : safarigroupspune@gmail.com

Buyer
Bharati Vidyapeeth Solapur
 Solapur
 State Name : Maharashtra, Code : 27

Invoice No. 313	Dated 1-Sep-2021
Delivery Note 01.08.2021 TO 31.08.2021	Mode/Terms of Payment Immediate
Supplier's Ref. 313/21-22	Other Reference(s)
Buyer's Order No.	Dated
Despatch Document No.	Delivery Note Date 1-Sep-2021
Despatched through	Destination
Terms of Delivery	

SI No.	Description of Services	HSN/SAC	Quantity	Rate	per	Amount
1	Care Takers Bill : AUG-21 Rate : Rs. 8000/- PM	998533	124.00 Nos	258.00	Nos	31,992.00
	OUTPUT CGST 9%				9 %	2,879.28
	OUTPUT SGST 9%				9 %	2,879.28
	ROUND OFF					0.44
Total			124.00 Nos			₹ 37,751.00

Amount Chargeable (in words) **INR Thirty Seven Thousand Seven Hundred Fifty One Only** E. & O.E

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
998533	31,992.00	9%	2,879.28	9%	2,879.28	5,758.56
Total	31,992.00		2,879.28		2,879.28	5,758.56

Tax Amount (in words) : **INR Five Thousand Seven Hundred Fifty Eight and Fifty Six paise Only**

Company's PAN : **ADRF33351E**

Declaration
 We declare that this invoice shows the actual price of the goods described and all particulars are true and correct.

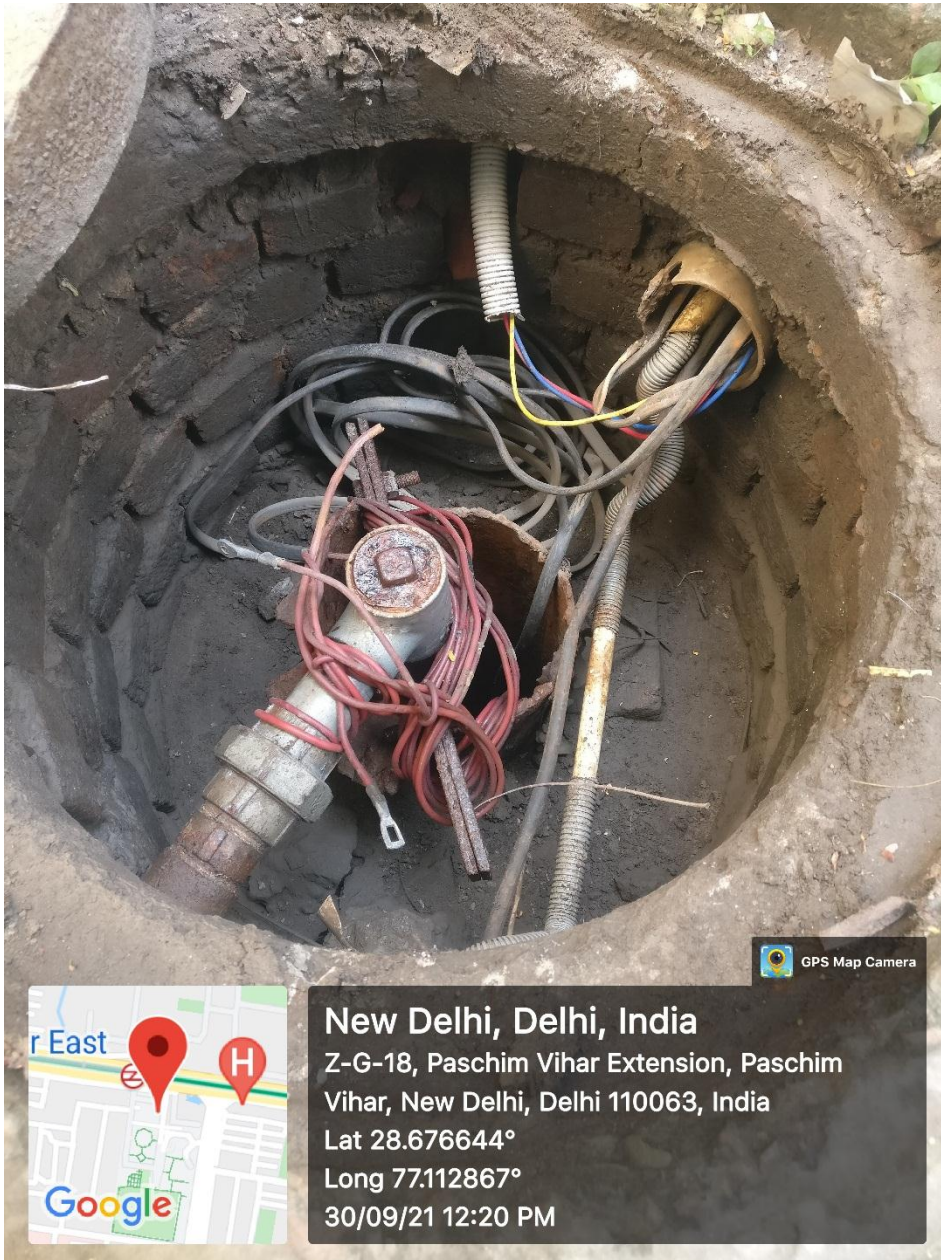
for Safari Group Facility Services LLP(20-21)
 Authorised Signatory

This is a Computer Generated Invoice

Inward No.:- 361
 Date :- 06/09/2021

To: *Kulkarni*
 For: *Remains*

2. BVIMR, NEW DELHI



3. COLLEGE OF AYURVED, PUNE,

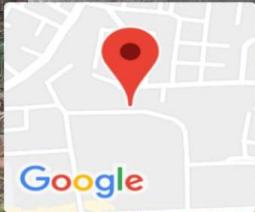
WATER TANK



4. COLLEGE OF NURSING, PUNE

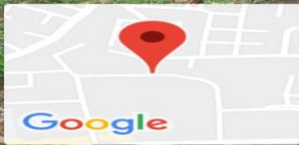


5. COLLEGE OF PHYSICAL EDUCATION, PUNE



Pune, Maharashtra, India
32, Akshay Nagar, Dhankawadi, Pune, Maharashtra 411043, India
Lat 18.459901°
Long 73.853823°
27/09/21 11:24 AM

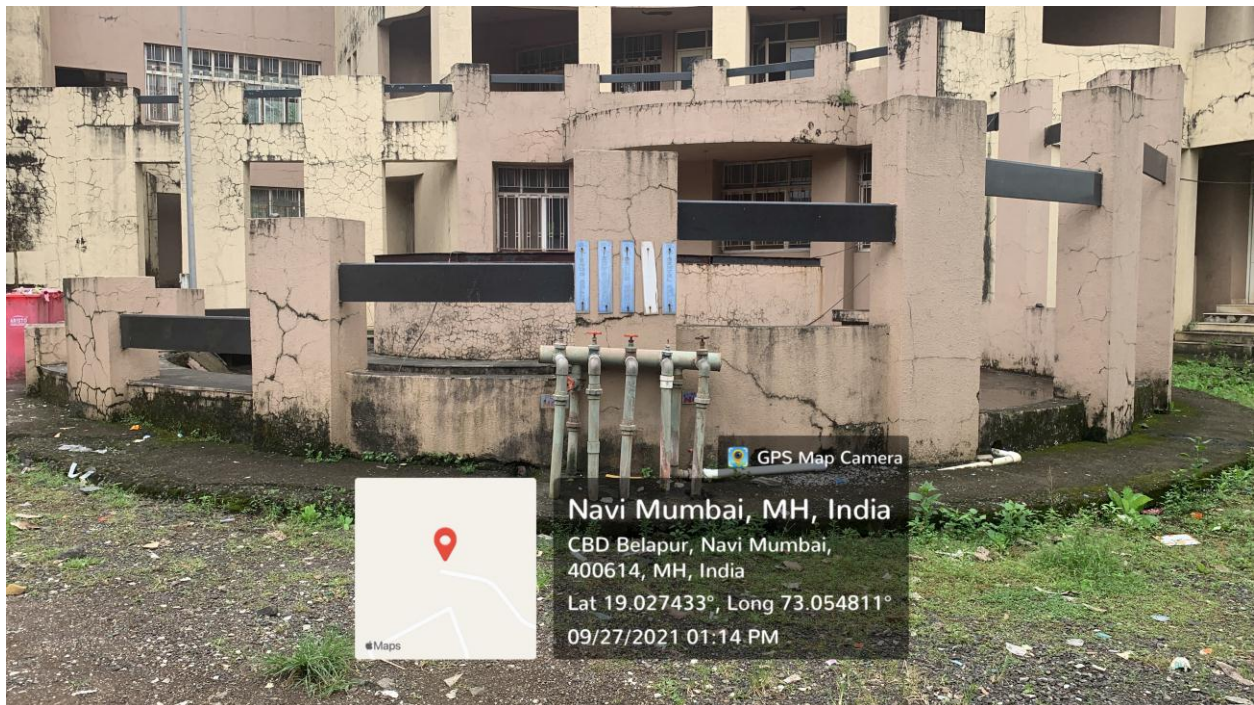
GPS Map Camera



Pune, Maharashtra, India
FV53+XCC, Bharati Vidyapeeth Campus, Dhankawadi, Pune, Maharashtra 411043, India
Lat 18.459847°
Long 73.853813°
27/09/21 11:25 AM

GPS Map Camera

6. DENTAL COLLEGE & HOSPITAL, NAVI MUMBAI





GPS Map
Camera Lite

RJVC+G6J, Vijaynagar, Sangli, Maharashtra 416410, India

Latitude
16.8434716°

Longitude
74.6189198°

Local 11:55:55 AM
GMT 06:25:55 AM

Altitude 489.2 meters
Tuesday, 14-09-2021



Unnamed Road, Vijaynagar, Sangli, Maharashtra 416410,
India

Latitude
16.840938333333334°

Longitude
74.62069333333334°

Local 11:57:10 AM
GMT 06:27:10 AM

Altitude 560.3 meters
Tuesday, 14-09-2021



Unnamed Road, Vijaynagar, Sangli, Maharashtra 416410,
India

Latitude
16.84096666666667°

Longitude
74.62067166666667°

Local 11:57:03 AM
GMT 06:27:03 AM

Altitude 555.9 meters
Tuesday, 14-09-2021

2. COLLEGE OF NURSING, SANGLI

1. Drinking Water Treatment Plant (D.W.T.P.)

- The plant having capacity of 20 lakh litres: 10 lakh litres for Raw Water and Filtered Water each.
- Source of Water – River
Water lifted from Krishna River from Nilaji Bamani approximately 6 km from Bharati Vidyapeeth Deemed University Medical Campus, Sangli.

Process of WTP :

- First the water is collected in Raw Water Tank (1.5 Lakh capacity) in that bubbling aeration is provided.
- From Raw water tank the water goes to isolated tank. Having capacity 50000 litres. In that bubbling aeration is proved and dosing of non-ferric alum chemical is given. In rainy season for every 2 hours 5kg of alum dosing is done and in other season per hour 4kg dosing of alum is done.
- In isolated tank Polyelectrolyte powder dosing is carried out. In 200 litters of water approximately 1kg to 1.2 kg of polyelectrolyte powder is sterilized for 45 minutes after that dosing is done continuously.
- From isolated tank water goes to settling tank in that flocculation process takes place and sludge is settled down at the bottom of settling tank and remaining upper water goes to main water tank. The settled sludge is drained out regularly.
- The main water tank is divided into two parts.
The water coming from settling tank is stored in first part of the main tank. (Capacity 10 lakh litres.)
- The stored raw water is lifted and send to sand filter unit. (Capacity 70000 to 80000 litres / hr) In sand filter 5 types of sands are present in that hardness is removed.
- The back washing is regularly done for removing the sludge from sand filter.
- We have having two sand filters and we are using alternately these filters.

- The water from sand filter is goes to second part of main tank and stored. (Capacity 10 Lakh litres) & in this tank dosing of bleaching powder is done.

Bleaching powder Dose:

Sr. No.	Filter water in feet	Water in Litres	Bleaching power in kg
1.	10 feet	10 Lakh litres	5 kg powder
2.	9 feet	9 Lakh litres	4.5 kg powder
3.	8 feet	8 Lakh litres	4 kg powder
4.	7 feet	7 Lakh litres	3.5 kg powder
5.	6 feet	6 Lakh litres	3 kg powder
6.	5 feet	5 Lakh litres	2.5 kg powder
7.	4 feet	4 Lakh litres	2 kg powder
8.	3 feet	3 Lakh litres	1.5 kg powder
9.	2 feet	2 Lakh litres	1 kg powder
10.	1 feet	1 Lakh litres	0.5 kg powder

- As per the given chart the bleaching powder is taken. E.g. 10 Lakh litres – 10 kg of bleaching powder mix in 50 litres water and dose is prepared. When the dose is settled the supernatant is dropped into the water tank.
- After that this filtered water is supplied to whole Medical Campus for drinking and domestic purpose. Regularly 5 to 6 Lakh litres of water is consumed in the campus.
- Every month water sample testing is done by Government laboratory and also to private laboratory.
- Chemical and Bacteriological test of inlet and outlet sample water is done.



- **Reverse Osmosis:**

- We have installed six reverse osmosis plants: 2 for boys hostel, 3 for girls hostel and one for dialysis unit in Nephrology unit in the hospital.
- Total capacity is 5300 litres of water.
- The water from main water purification plant undergoes reverse osmosis and ultraviolet treatment to provide the quality of packaged water.



2. Sewage Treatment Plant - Solid Immobilized Biofilter Plant (SIBF)

- This system is based on integrated vermiculture technology.
 - This system is having capacity 4 Lakh Ltrs / day.
 - Daily 4 Lakh ltrs of sewage waste water is treated and this treated water is used for garden and plantation purpose in the campus.
 - This system has less operational costs as it in valves low skill and low electricity.
 - Maintenance costs are also minimal as this system involves only pumps.
 - It is an ecofriendly and nature's way of treating waste water.
- **Process of STP Plant (SIBF)**
- The domestic wastewater generated from hospital, colleges, hostel buildings and canteen is collected in underground collection tank of 4 lakh litre capacity.
- **Primary Treatment:**

- From collection tank the wastewater is lifted by pump to the Biofilter Phase – I in that about 80% pollution of wastewater is removed. The biofilter beds contains cowdung , organic bacterial culture, grit and two types of stones having 4 to 4.5 feet depth. At the top level of Biofilter Bed the canna plants are planted. The roots of the canna plants suck all the organic load from the sewage water and also it increases aesthetic of plant.
- Then the water from Biofilter Phase – I goes to side sump tank. (capacity 40000 liters)From side sump tank the water is lifted again and send to Biofilter Phase – II. Same process is carried out in Biofilter Phase – II like Biofilter Phase – I.

➤ Secondary Treatment:

- From Biofilter Phase – II the water goes in a chamber in that non ferric alum dosing is done.
- Then this water goes to alum tank in that coagulation and flocculation process takes place and the sludge is settled down. At the time of tank washing the sludge is removed.

➤ Tertiary Treatment:

- The remaining upper level water from alum tank goes to pressure sand filter in that hardness is removed. After that the water goes to activated carbon filter in that carbonates, bicarbonates and other impurities removed.
- From carbon filter the final treated water goes to treated water tank. (capacity 3 Lakh liters)
- From treated water tank the water supplied to garden and plantation purpose.
- The treated water is used for about 2000 plants big and small and also for 10 to 15 lawns in the campus.



WASTE WATER RECYCLING





Institute has provision of water storage and purifier equipment which provides pure drinking water for everybody. A separate room for drinking water is maintained.



“Sonsawali” is green campus initiative of institute

MAINTENANCE OF WATER BODIES AND DISTRIBUTION SYSTEM IN THE CAMPUS

1. COLLEGE OF NURSING, NAVI MUMBAI

CIDCO-BILLS

No. CIDCO/VEE (B/S)-11/2002/1487 Date 24/9/2002

Sub:- Drainage connection to individual flat at Kharghar

Ref:- YOUR APPLICATION NO. NTC dt. 1/7/2002

M/S:- JOINT SECRETARY
BHARAT VIJAY PESTO Plot No 3A, Sector 7, Kharghar
has to pay drainage connection charges Navi-mumbai

The details of charges are as under:

1. Scrutiny fee	: Rs. 5,000.00
2. Drainage connection charges	: Rs. 5,000.00
3. Security Deposit	: Rs. 10,000.00
4. Road reinstates charges	: Rs. 6,000.00
Total	Rs. 23,000.00

They has drawn D.D.No. _____ for said drainage connection amounting to Rs. 23,000.00.

This is the charge of giving drainage connection to the private building to our sewer line. This amount may be accepted and deposited to the head of drainage connection charges deposited for the building. The D.D. is enclosed as above. The Acknowledge receipt may please be sent to this office after the deposit.

[Signature]
Executive Engineer (K/FFI) 24/9/02

To,
AAO (B&N)



B.V.D.U COLLEGE OF NURSING, NAVI MUMBAI

Rain tree marg helpada complex sector 7 .cbd belapur

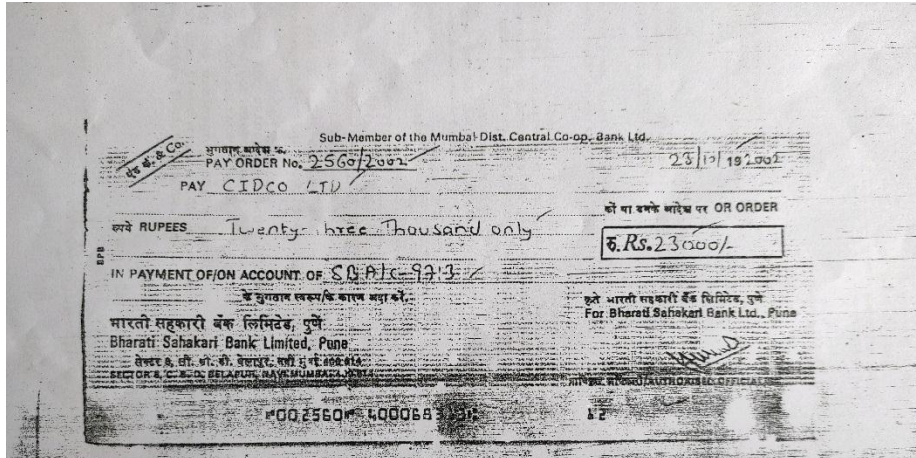
Kharghar, Navi mumbai

Maharashtra, India

2021-09-29 (Wed) 12:09 (pm)

29°C

84°F

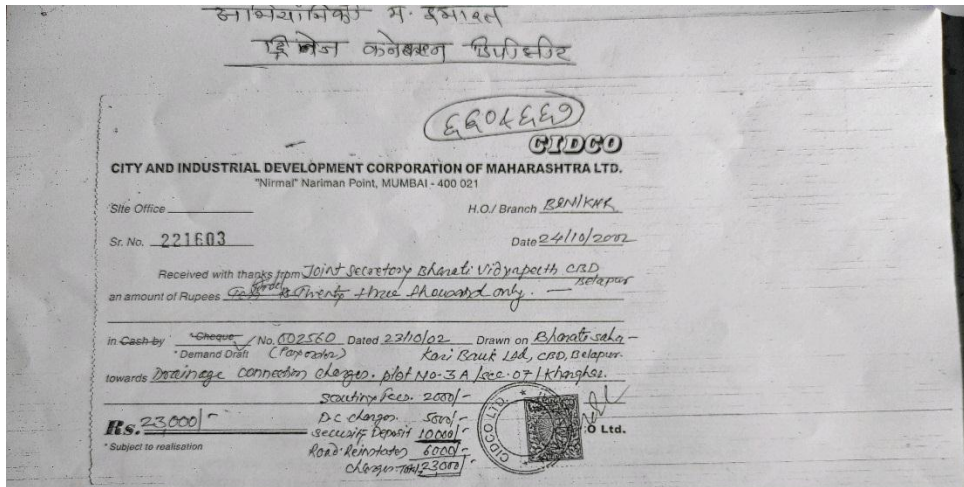


B.V.D.U COLLEGE OF NURSING, NAVI MUMBAI
 Rain tree marg belpada complex sector 7 ,cbd belapur
 Kharghar, Navi mumbai
 Maharashtra, India

29°C
84°F

2021-09-29(Wed) 12:08(pm)

DRAINAGE CONNECTION CHARGES



B.V.D.U COLLEGE OF NURSING, NAVI MUMBAI
 Rain tree marg belpada complex sector 7 ,cbd belapur
 Kharghar, Navi mumbai
 Maharashtra, India

29°C
84°F

2021-09-29(Wed) 12:08(pm)

