



BUNTS SANGHA'S

S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

CRITERION 7


7.1.2

WATER CONSERVATION

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WATER CONSERVATION POLICY

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POWAI, MUMBAI



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COMMERCE AND MANGEMENT STUDIES, POWAI, MUMBAI

INTERNAL QUALITY ASSURANCE CELL (IQAC)

WATER CONSERVATION POLICY

(With Effect from: 2013-14)
(Revised : 2021-22)

INTERNAL QUALITY ASSURANCE CELL, (IQAC)



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WATER CONSERVATION POLICY

OBJECTIVE

The institution has designed the water conservation policy to achieve following objectives:

- To create awareness amongst students and staff members to prevent wastage of water.
- To have a system to store and use rainwater.
- To educate housekeeping staff on reuse of water.

THE POLICIES

1. Awareness to students and staff members :
 - a. The Nature's Club should organize events on the importance of water conservation.
 - b. Nature's Club has to put posters to educate the stakeholders to prevent the wastage of water.
2. Rain water harvesting :
 - a. The institution has installed the rain water harvesting system in the open area of the institution.
 - b. The rain water collected should be filtered and collected in the borewell.
 - c. The borewell should have a water distribution system for specific use of stored water.
3. Water Reuse by housekeeping :
 - a. The non-contaminated (detergent free) water should be used for watering plants and other cleaning purposes.
 - b. The excess water of the garden should be stored in a borewell after filtering for reuse.

Hence, the institution aspires to effectively minimizes water wastage and its optimum utilization by conserving ,filtering and reusing water by implementing the water conservation policy.

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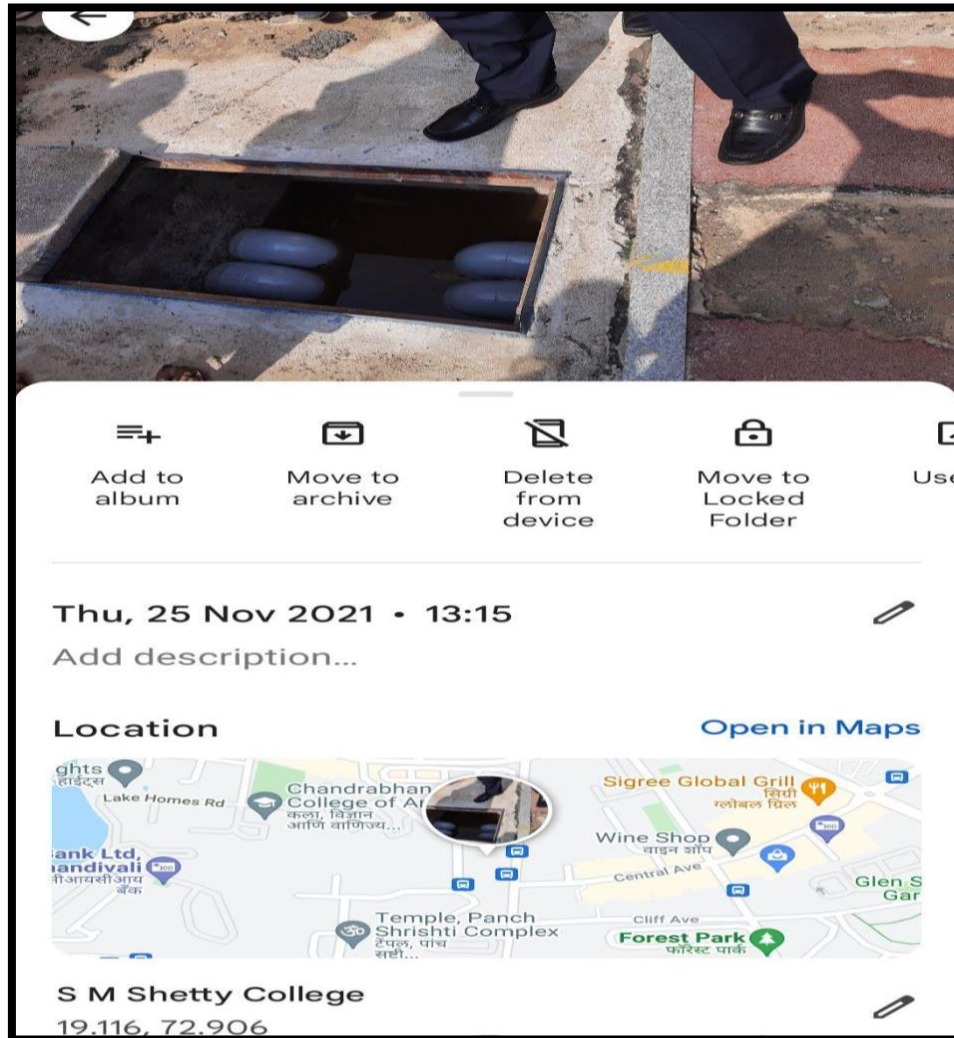
INTERNAL QUALITY ASSURANCE CELL (IQAC)



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GEOTAGGED IMAGES Water Conservation Facilities RAINWATER HARVESTING



Rainwater Collection System

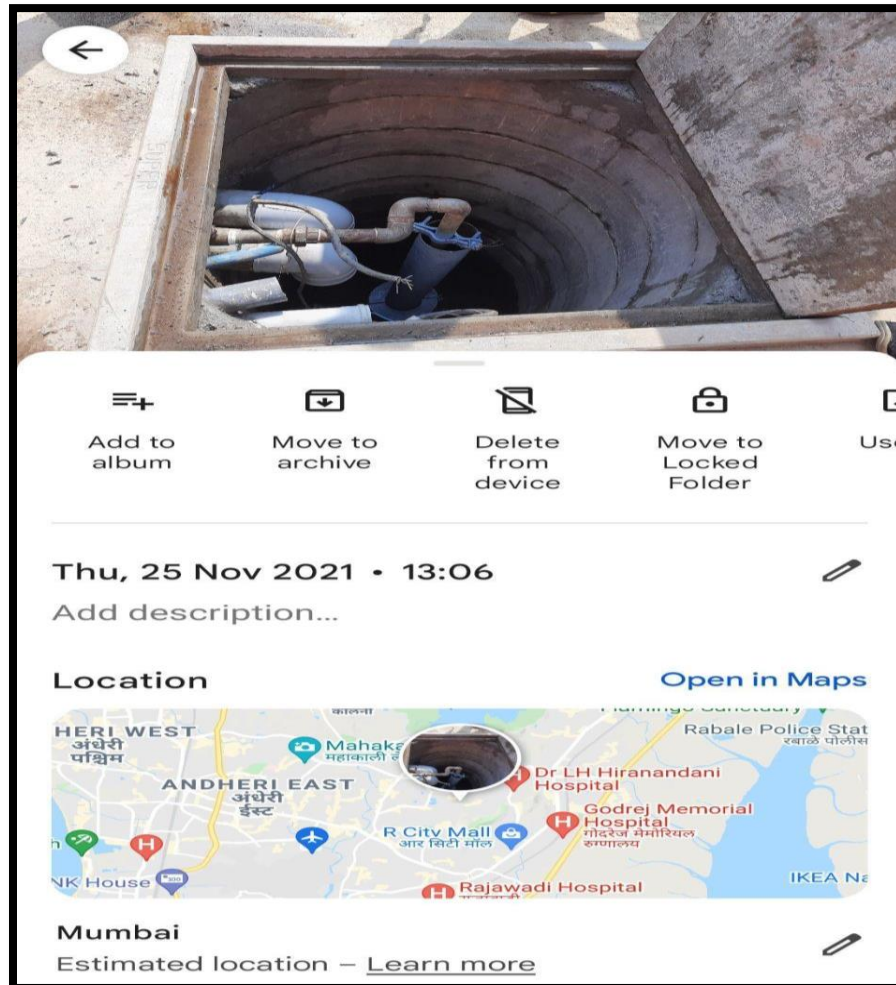


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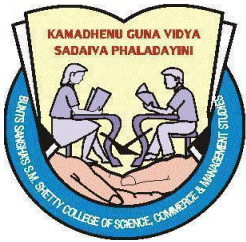
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Water Filtration System for the collected rain water and excess garden water




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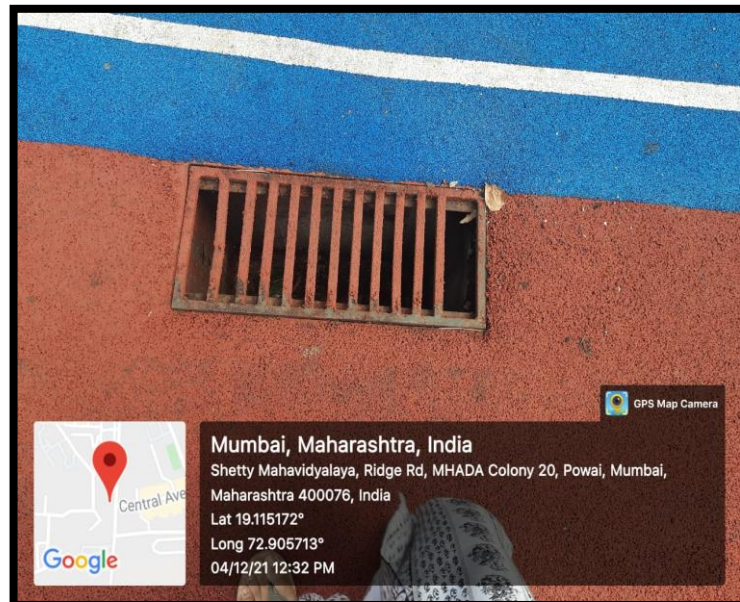
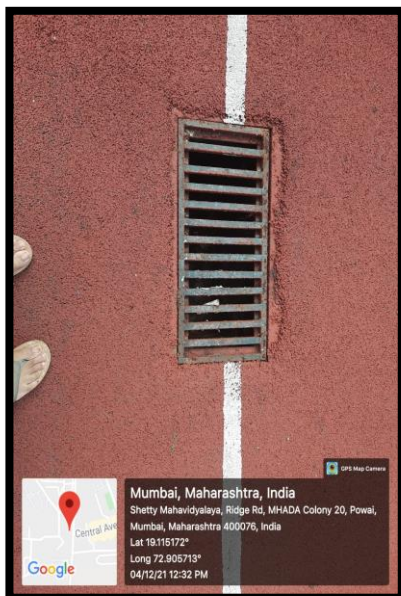


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Staff taking demonstration of rain water harvesting system and water filtration system



Collection system for collecting rainwater and excess water of garden



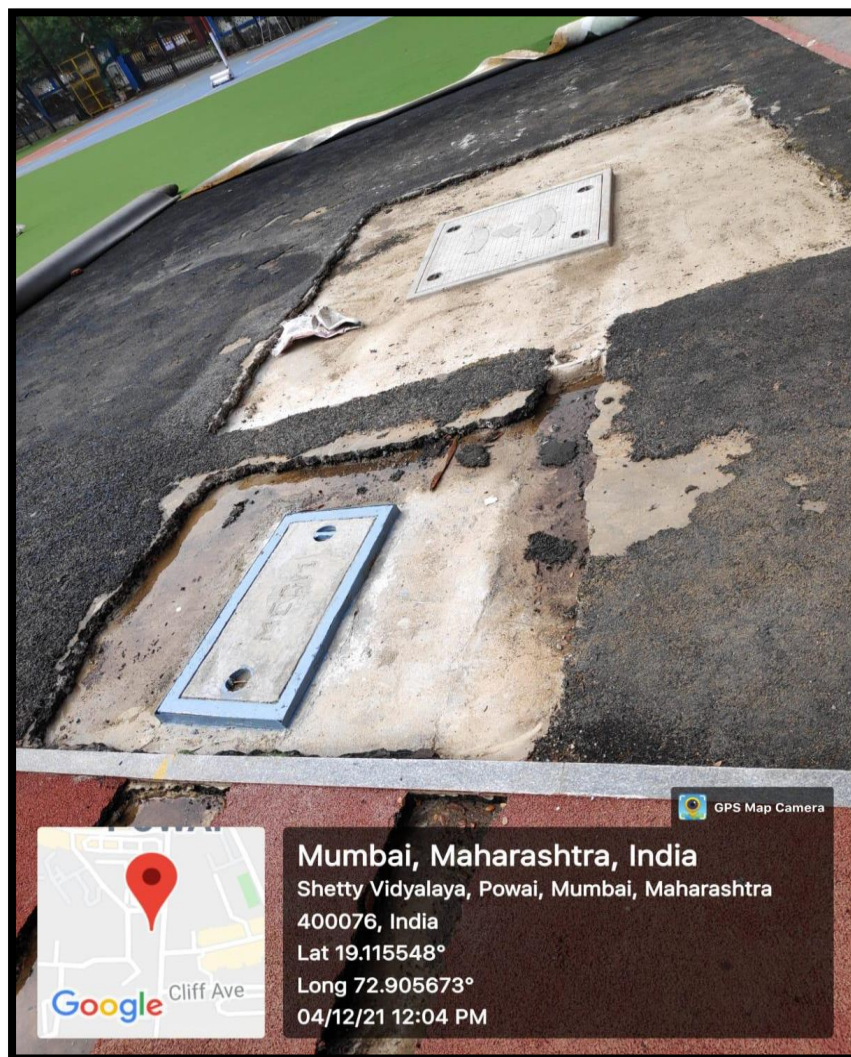

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BOREWELL IN THE CAMPUS



The open area in the campus has borewells which is used for watering plantation in the campus and other non-drinking purposes



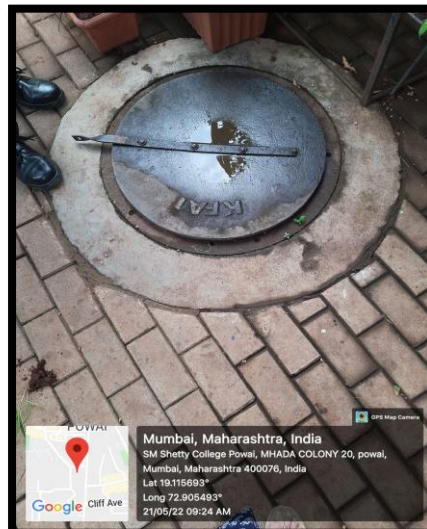
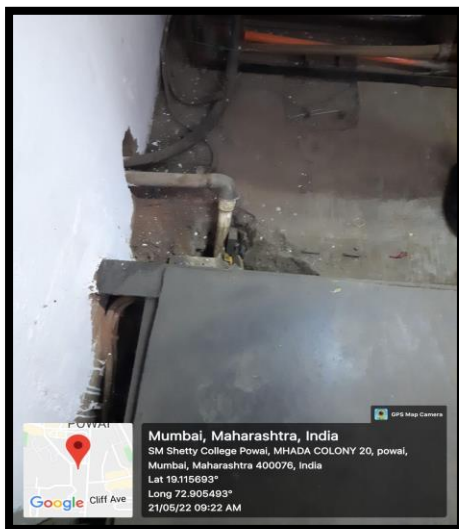

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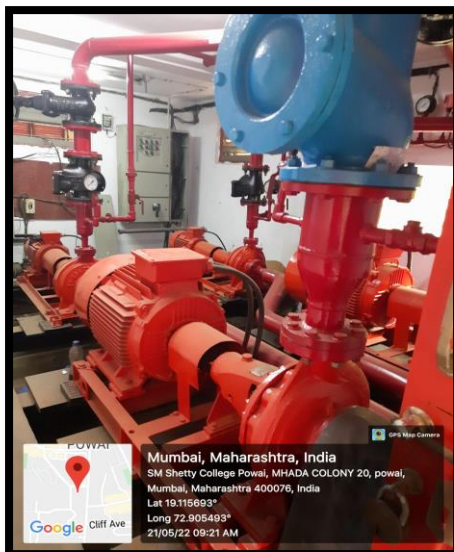
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GROUND FLOOR WATER MANAGEMENT (COLLECTION & DISTRIBUTION) SYSTEM



Collection system from borewell and BMC



Water distribution system : Separate for drinking, non-drinking and fire extinguisher purposes



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OVERHEAD WATER MANAGEMENT (COLLECTION & DISTRIBUTION) SYSTEM

5 Over Head Tanks for storing water: 2 for Drinking water


2. for Water for non-drinking purpose,

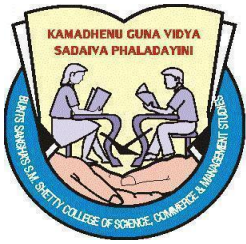
1 for Fire Extinguisher



9th floor map showing overhead water tank locations




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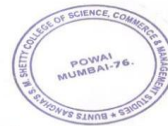
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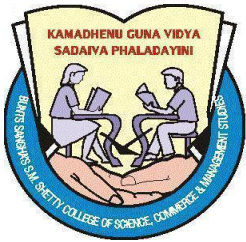
BMC water inlet for both drinking water tanks and multi-purpose tanks



Drinking water tanks with water inlet for BMC water only

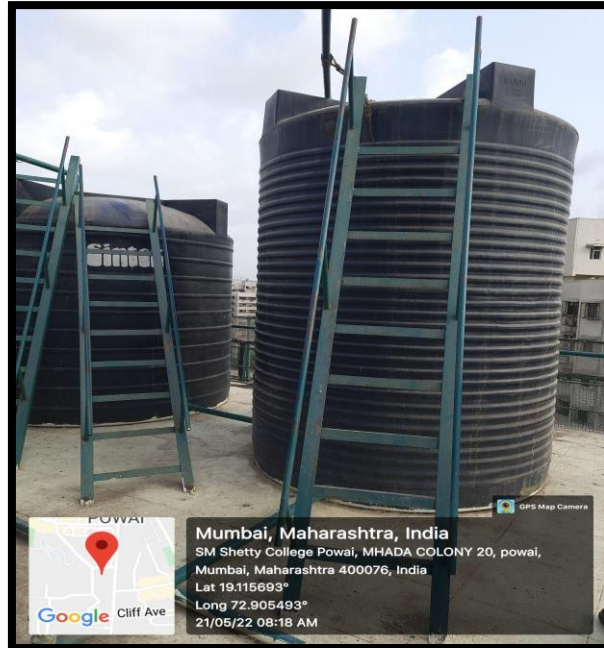


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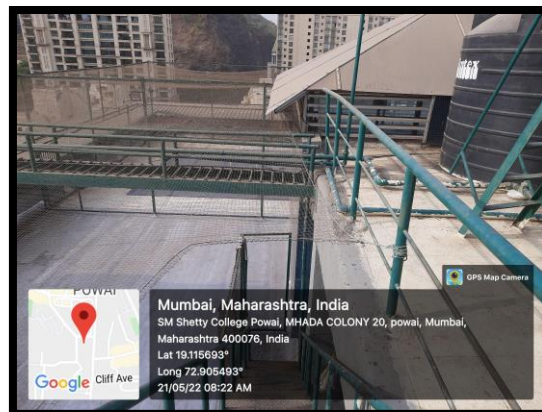


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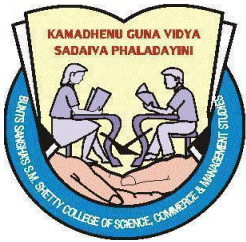
Water tanks for non-drinking purpose. Water inlet for BMC water and underground borewell water



Water outlet pipelines from tanks




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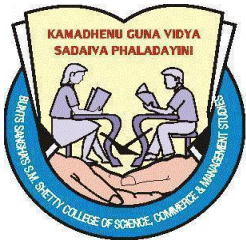
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Water distribution System is Managed by full-time security guard and one house-keeping staff

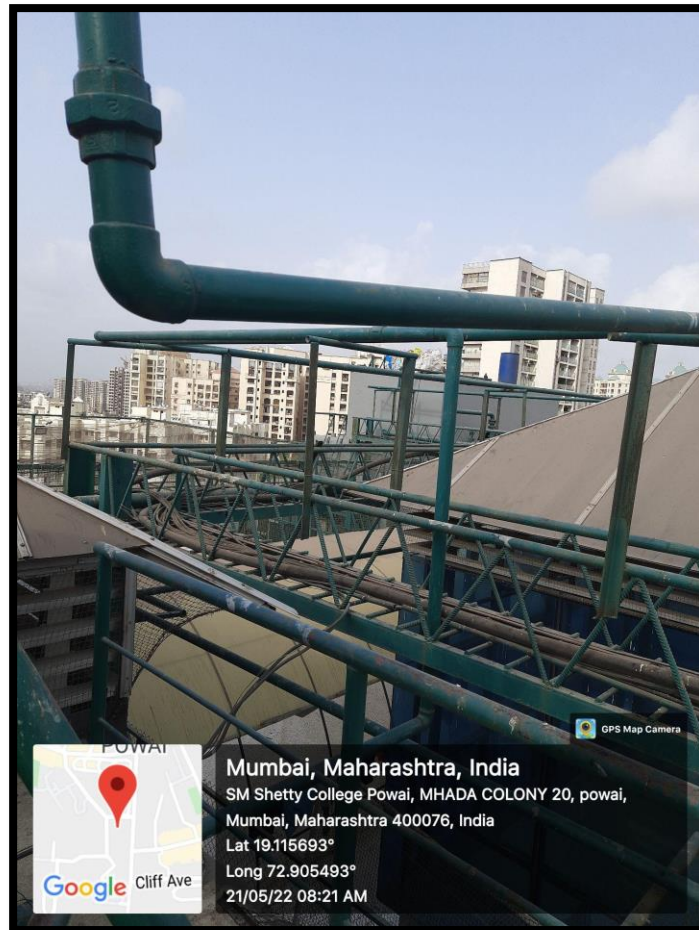



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Water supply system and water tank exclusively for fire extinguishers only




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Water purifying and cooling systems installed on every floor (four in total)




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BILL OF WATER HARVESTING

VIVAAN WATER & ENVIRO SOLUTIONS PVT. LTD.

Head Office: Planet Industrial Premises C. S. Ltd.,
205 B Wing, 2nd Floor, Subhash Road, Opp. SBI Bank,
Vile Parle (East), Mumbai-400 057 Tel: 02240236642
M : +91 9892702228 / +91 9897344735
Email : vivaanwatersolutions@gmail.com
Website: www.vivaanwatersolutions.com

TAX INVOICE

Project: Bunts Sangha's S M Shetty College of Science, Commerce & Management Studies
Name of Contractor: VIVAAN WATER & ENVIRO SOLUTIONS PVT. LTD.
Name of Work: Rain Water Recharging Work At Play Ground Borewell

WO No. SMS/021/2021-22
WO Amount 3,87,885.00
Contractor GSTN 27AAFCV9943H1ZS
PAN No AAFCV9943H

GST No 27AAATB0337M1ZT
WO Date 09-09-2021
Date 10/11/2021
PAN No AAATB0337M
Contact Name Subhash Pandit
Contact No 8793896692

Invoice No VVESPL/119/21-22

CERTIFIED SUMMARY OF BILL - 2

S.No.	Particulars	Amount on the basis of PO Payment Terms	Remark	
		Upto date	Upto previous RA Bill	As per this bill
1	Value of work done (As Per WO Terms) =	3,94,882.00	1,92,200.00	2,02,682.00
2	Total Value =	3,94,882.00	1,92,200.00	2,02,682.00
3	Add GST Tax @ CGST 9 % =	35,539.38	17,298.00	18,241.38
	Add GST Tax @ SGST 9 % =	35,539.38	17,298.00	18,241.38
4	Sub Total (3 + 4 + 5) =	4,65,960.76	2,26,796.00	2,39,164.76
5	Net Payable Against This Bill =	4,65,960.76	2,26,796.00	2,39,164.76
	Rs. (Amount in words)	Rupees Two Lakh Thirty Nine Thousand One Hundred & Sixty Four Only		

Note :- Please Refer Annexure - A - RA - 2 Bill of Quantity for the final payment.
For VIVAAN WATER & ENVIRO SOLUTIONS PVT. LTD.

(Authorised Signature)

verified & found correct
Payable upto 9/11/21
Date: 28/12/21
Signature: [Signature]

Recommended for Payment
Signature: [Signature]

Checked & Passed for Payment
Signature: [Signature]



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WATER CONSERVATION INSTITUTIONAL REPORT

The college makes efforts to conserve water through rain water harvesting, which is routed to an underground /open recharge collector .Rain water and excess water from the garden flow into the underground collector built for the purpose . The collected water is pumped up by the borewell as a separate source of water to be used for various purposes. This is to ensure adequate usage of rainwater and excess water. The borewell water and other sources like the municipality supply are judiciously used so as to not waste water and make best use of rainwater.

The overhead Water Management (Collection & Distribution) System is organised in a way that drinking water is stored separately from non potable water used for cleaning, fire extinguisher and such other purposes.

5 overhead tanks are used for storing water - 2 for Drinking water,2 for Water for cleaning, washing etc. and 1 for Fire Extinguisher.




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