



**Maharashtra Academy of Engineering and
Educational Research's**

**MIT Arts, Commerce and Science College,
Alandi (D) –412 105.**

7.1.4 Water Conservation Facilities

Index

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B		Water Efficiency		
Sr. No.	Points	Standards	current	Remark/ Required
1	Rainwater Harvesting	Campus is served with a bore well, ground water recharge pits for rain water harvesting		
2	Water consumption per day	81,000 / day	80,000/ day	Water consumption is low as compared with standards.
		45 lit/ head	39 lit/ head	
		Permissible Water consumption per day	Achieved water consumption per day	

Water Usage	
Overhead water tank (for toilets and other use)	60,000.00
Overhead water tank (for Drinking Water)	10,500.00
Underground water tank (for toilets and other use)	80,000.00
underground water tank (for Drinking Water)	25,000.00
Total	1,75,500.00

Number of students:- around 1700
Number of Faculties:- 50+50
Total number of Users Per day - 1800
As per standards average water consumption per person in institute is 45 lit/ person

7	Rainwater harvesting	<ul style="list-style-type: none"> Recharge pits for rain water harvesting for ground water recharge are provide along with storm water drain. 	
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Water Consumption & Distribution Report of MIT Arts Commerce & Science College, Alandi Campus

The Institute premises of MIT Arts Commerce & Science College (MITACSC) Alandi (D) Comprises of Academic & Administrative Building of Ground + 03 floors & parking in basement.

•Source of Water:

- Water line connection from Nagar Parishad
- Bore wells in premises
- R. O. water for potable/ drinking purpose

•Storage:

- Underground water tank (UGWT) of 1.25 lakh litre capacity
- Domestic water 80,000 litres
- Treated water 25000 litres
- Fire tank 26000 litres

UGWT stores water from Nagar Parishad connection & Bore Well water.

- Overhead Water Tank : Sintex tanks 03 numbers of 5000 litre capacity each to store water for flushing & wash areas
- Water dispensers at all levels to cater for drinking R. O. water at all floors.
- Irrigation system as a plumbing line network for landscapes and gardening.

•Water Conservation Systems:

- All terrace Rainwater is channeled to road side storm water drain lines.
- Rain Water Harvesting - Rain Water Harvesting pits provided within the path way of storm water lines at ground level. These Rain Water Harvesting pits recharge ground water and also drain excess in soak pits to recharge for Bore wells.
- All Ground slopes are maintained to drain Rain Water into Rain Water Harvesting Recharge pits- Green Initiative.
- The excess storm water if any from premises is connected and drained in nearby river by storm water line.

•Drainage System:

- All Drainage lines are connected to underground Septic Tank for primary treatment.
 - The overflow from Septic Tank is then connected to discharge into the Nagar Parishad Drainage lines.
- The Institute has taken all possible measures to conserve water by minimizing wastage of water and also recharging ground water level by Rain Water Harvesting to avoid surface flow and wastage. Proper drainage lines with primary treatment by septic tank and then discharging into Nagar Parishad drains also avoids contamination of ground water & brings general well being of premises.

B		Water Efficiency	
Sr. No.	Points	current	Remark/ Required
3	Water Efficient Plumbing Fixtures	Provided	As prescribed in water calculation over all water consumption in low.
4	Waste water management	64, 800 lits	Septic tank is Provided



WORK ORDER (Rate Contract)

Record Copy

Invoice To 802 (19-20) MIT ACSC GSTIN/UIN: 27AAAAM1206F1Z6 State Name : Maharashtra, Code : 27 E-Mail : dhhbosale@mitacsc.ac.in	Voucher No. 20	Dated 8-May-2019
Supplier Shree S. S. Enterprises Sr. No.43, Block No. 137, Sanjay Gandhi Society, Opp. Ganesh Park, Somnathnagar, Wadgaon Sheri, Pune - 14, Mo.- 8983725103	Supplier's Ref./Order No. 10	Mode/Terms of Payment Against Tax Invoice
GSTIN/UIN : 27AZVPS3206N1ZK PAN/IT No : AZVPS3206N State Name : Maharashtra, Code : 27	Despatch through	Other Reference(s) Estate Destination MIT ACSC Alandi (D).
	Terms of Delivery Once in Four Month. Total 3 Service.	

Sl No.	Description of Services	Quantity	Rate	per	Amount
1	Underground Water Tank Cleaning 80000 Ltr.	3 service	1,600.00	service	4,800.00
2	Underground Water Tank Cleaning 25000 Ltr.	6 service	500.00	service	3,000.00
3	Overhead Water Tank Cleaning 5000 Ltr Sintex.	3 service	500.00	service	1,500.00
	Overhead Water Tank Cleaning 2000 Ltr. Sintex	12 service	350.00	service	4,200.00
	Overhead Water Tank Cleaning 500 Ltr. Sintex.	3 service	350.00	service	1,050.00
					14,550.00
Less:	<i>Discount Received</i>				(-)1,000.00
	<i>Input CGST 9%</i>		9 %		1,219.50
	<i>Input SGST 9%</i>		9 %		1,219.50
Total 27 service					₹ 15,989.00

Amount Chargeable (in words) E. & O.E
INR Fifteen Thousand Nine Hundred Eighty Nine Only

Remarks:
 1. Cleaning work should be done once in every four months as per instruction given to you on telephone call. 2. Normally the above work to be carried out after college working hours & during holidays. 3. Payment will be made only after satisfactory work complete.
 Company's PAN : AAAAM1206F

Shivraj
 for 802 (19-20) MIT ACSC
 Authorised Signatory

This is a Computer Generated Document

<i>Satish</i> Store & Purchase Prepared By	<i>Shree</i> Dy. Registrar Checked By	<i>Shree</i> Registrar Reviewed By	<i>Shree</i> Principal Forwarded By	<i>Shree</i> Project Director Approved By
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Report of Bore well, construction of tanks, maintenance of water body

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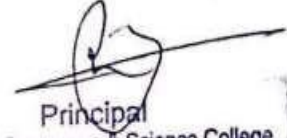
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Mr. Shailesh Pawar
Head Projects- Infrastructure
MIT Group of Institutions



Principal
MIT Arts, Commerce & Science College
Alandi, Pune - 412 105.