



*Pune District Education Association's*  
**Shankarrao Ursal College of Pharmaceutical Sciences and  
Research Centre, Kharadi, Pune-14**



**Criterion 7 - Institutional Values and Best Practices**

**7.1.4**  
**Water conservation facilities available in the  
Institution**

**Supporting Documents**



## **Water Conservation Policy:**

Water is one of the vital elements available for our survival on Earth. Water shortage is one of today's rising challenges, and water conservation is the ultimate answer. Issues related to water governance have not been addressed adequately. Mismanagement of water resources has created a crisis in many sections of the country. In this regard, our institute is dedicated to rainwater harvesting. We have implemented numerous water-saving efforts, such as rainwater collection from rooftop run-offs, and bore well recharge systems, the maintenance of water distribution systems, and so on. Therefore, institute adopt a policy for water conservation and resource sustainability.

### **Policy:**

1. To Reduce wastage of water.
2. To repair sources of water leakage, such as dripping taps as quickly as possible.
3. To installation of appliances which reduce water consumption.
4. To make provision to harvest rainwater.
5. To use bore well recharge system.
6. To use drip irrigation system.
7. To construction of Tanks and Bunds at some places in college campus.
8. To use paved paths are used rather than concrete ones to allow for water percolation.
9. Water-saving practices will be promoted on campus.
10. Cleanliness campaign to avoid water runoff and waste material blockage of local water sources.
11. To ensure that all sections and departments on the college campus have constant water supply.



## 1. Rain Water Harvesting

### 1. Detail Information of Rain Water Harvesting System:

Rainwater harvesting or the collection of rainwater in a proper way, can be a permanent solution to the problem of water crisis. There is sufficient rain but the groundwater supply is not sufficient on the one hand and on the other surface water resource is insufficient. Although the earth is three-fourths water; very little of it is suitable for human consumption or agriculture. Indian subcontinent faces acute water crisis during the summer months. Rainwater harvesting therefore is an ideal solution for consistent water supply. So college has installed two Rainwater Harvesting systems.

**Total Roof area of College: 16,565 Sq. foot**

College Flat roofs made with reinforced cement concrete with have waterproofing course on the surface as a finish. The waterproof course is done with a small slope towards the down take pipes.

**Channelization:** The rainwater from roof is transporting using down water pipes (PVC).

**Recharge of ground Water:** Collected Rain water directly passes to bore well for recharge the groundwater level.

**Roof yield or potential rainwater from a roof:** Roof yield or the potential rainwater from a roof is normally referred to the annual yield from a given roof area. Annual yield is the quantity of water in liters collected from a given roof over a period of one year covering all the rainy days.

Roof Yield= Area of Roof (sq. feet) X Average rain fall (Inch) X 2.36 (Constant)

Roof Yield:  $16,565 \times 27.55 \times 2.36 = 10,77,023$  liters/year



## 2. Bore Well

There are two bore wells in the college campus. Collected Rain water directly passes to this bore wells for recharge the groundwater level.

### Tax Invoice & Bill:

ना. वेंदले  
मो. ९८५०८२३७२५  
९०५५६६४०४०

**जय महार बोअरवेल्ल**

आमच्याकडे जमिनीवर ४॥, ६, ६॥, हंची तसेच विहिरीत ४॥ इंची उभे आडवे ट्रिलींग व मोटर फिटिंग आर्थिंग योग्य दरात करून मिळेल.

ऑफिस : पेरणे फाटा, पुणे-नगर रोड, ता. हवेली, जि. पुणे

नंबर **956** दिनांक : २०/०५/२०२३

नांव शंकरराव फुस्तू कौन्सेज ऑफ फार्मास्युटिकल सायन्स  
पत्ता आगि रिसर्च सेंटर, खराडी, पुणे.

अ.न.	तपशील	स्के.फु.	दर स्के.फु.	एकूण रुपय	पैसे
१	बोअरींग			7500/-	
२	बोअरींग			7000=00.	
३	केसींग				
४	रिबोअरींग				
५	कॅप				
६	फ्लेसिंग				
७	ट्रान्सपोर्ट			7000=00	
				एकूण 7500/-	
				अंठ.	
				बाकी	

PAID & CANCELLED  
Rs. 7000=00  
PRINCIPAL

VSV  
SSP  
TMA  
03-06-2023

अक्षरी रुपये

जय महार बोअरवेल करिता

### 3. Construction of Tanks



The institute have sufficient number of water tanks for storage of water.

Details of Tanks as Follow:

Sr. No.	Tank No.	Type of Tank	Capacity (Liters)
1.	Tank No. 1	Under Ground- Constructed	6,000
2.	Tank No. 2	Under Ground- Constructed	50,000
4.	Tank No. 3	Overhead- Constructed	20,000
5.	Tank No. 4	Overhead- Constructed	15,000
6.	Tank No. 5	Overhead- Plastic	1,000

Tax Invoice & Bill:

## Y.J.M ENTERPRISES,

368, Sahakarnagar, Padamavati, Pune :- 411009. Phone:-9762505959.  
G.S.T- IN. 27CBIPK3738G1Z1

Y J M ENTERPRISES 368, Sahakarnagar, Padmavati, Pune - 411009 GST NO: 27CBIPK3738G1Z1 PAN NO: CBIPK3738G		TAX INVOICE			
		Invoice No: 042	Invoice Date: 09-03-2023		
		Pdea Work Order NO: 22-23/185-22	W.O Date: 03.02.2022		
Name & Address of Owner <b>Pune District Education Association, Pune</b> 48/1, Erandwane, Poud Road, Pune-411038		Name & Address of College/School <b>PDEA, S - Shankarrao Ursal College Of Pharmaceutical Sciences And Research Centre</b>			
State Name : MAHARASHTRA		UNDERGROUND WATER TANK , PLUMBING WORK & OTHER CIVIL WORKS			
State Code : 27					
GST NO : 27AAATP1234H1Z5					
PAN NO : AAATP1234H					
Sr.No	Description	Qty	Units	Unit Rate	Amount
1	UNDERGROUND WATER TANK , PLUMBING WORK & OTHER CIVIL WORKS	1.00	Job	4,07,025.42	4,07,025.42
<p>Central GST In words : Thirty Six Thousand Six Hundred Thirty Two Rupees and Paise Twenty Nine Only.</p> <p>State GST in words : Thirty Six Thousand Six Hundred Thirty Two Rupees and Paise Twenty Nine Only.</p> <p>Total GST In words : Seventy Three Thousand Two Hundred Sixty Four Rupees and Fifty Eight Only.</p> <p>Amount in words( including GST) : Four Lac Eighty Thousand Two Hundred Ninety Rupees Only.</p> <p>Balance Amount of Word : Four Lac Eighty Thousand Two Hundred Ninety Rupees Only.</p> <p>Declaration : We declare That this invoice shows the actual Price of the goods describe and that on particular are true &amp; correct.</p>		Assessable Value		4,07,025.42	
		Discount (-) 2%			
		Net Amount		4,07,025.42	
		Central GST 9%		36,632.29	
		State GST 9%		36,632.29	
		Grand Total including GST		4,80,290.00	
		Payment Received			
		Balance Amount		4,80,290.00	
: Terms And Conditions : 1 All Disputes subjects to Pune Jurisdiction		Pre- Authentication		For Y J M ENTERPRISES <b>Y.J.M. ENTERPRISES</b>  Proprietor	

PAID & CANCELLED

Rs. 4,80,290.00

PRINCIPAL


20/03/2023



**4. Maintenance of Water Bodies and Distribution System in The Campus**

**Details of Maintenance of Water Bodies and Distribution System in The Campus:**

The water connection of Pune Municipal Corporation is in the college. This water is stored in tank number underground tanks (Total Capacity: 56, 000 Lit.). The water stored in the underground tank is released to the tank above the roof top (Total Capacity: 36, 000 Lit.) with the help of electric pump as per the requirement of the institute. The water from the tank above roof top is circulated to all departments of the college with the help of PVP pipes. **Drip Irrigation:** All the plants in the college are watered through drip irrigation & sprinkler avoid wastage of water.


**Deshmukh Hitech Irrigation & Farm Agencies**  
SAHA YU BUDDHU OPPO ALPINA PETROL  
PUMP SURTAPWADI-412119  
Mob-9823277544 / 9811182757 / 8488955440 / 9823547000

Email: deshmukh.irrigation@gmail.com  
Web Site: www.deshmukhhitech.com

**TAX INVOICE**

<b>Pimpri Chinchwad Education College</b>		Invoice No: <b>20200778</b>	
Pune		Date: <b>09 May 2023</b>	
GST No. (STATE: 27-Maharashtra)		Order No.	
		Date	
		Payment Terms	
		Agree	

Sl	Particulars	HSN	Qty	Unit	Rate	Disc. %	Tax	Amount
1	BV400BSW-Control Valve 40 Mm	84249000	6.00	NOS	242.00	0%	12%	1,482.00
2	VBD6R-Jain Valve Box 6inch	8424	6.00	NOS	256.00	0%	12%	1,536.00
3	L16400402400M-Turboline 16mm 40cm 4lph CL2	84249000	400.00	MTR	12.00	0%	12%	6,600.00
4	TO162400M- Poly Tube 16 Mm	84249000	200.00	MTR	12.50	0%	12%	2,500.00
5	S1057361J-Sprinkler Popup 805 Black 4.0mm	84249000	7.00	NOS	850.00	0%	12%	5,950.00
6	Sowing Joint 1/2"	84249000	2.00	NOS	210.00	0%	12%	1,370.00
7	TO202250M- Poly Tube 20 Mm	84249000	250.00	MTR	18.00	0%	12%	4,500.00
8	JPSF03SC-Screen Filter 3/4 3m3	84249000	1.00	NOS	225.00	0%	12%	225.00
9	Dripper 8lph	84249000	400.00	NOS	3.00	0%	12%	500.00
10	Dripper 4lph	84249000	150.00	NOS	2.60	0%	12%	390.00
11	1/2" service saddle 40-20mm	39174000	2.00	NOS	65.00	0%	18%	420.00
12	PVC Pipe 40mm 6kg	39172310	15.00	NOS	230.00	0%	18%	3,450.00
13	PVC Pipe 50mm 6kg	39172310	15.00	NOS	334.00	0%	18%	5,010.00
14	UPVC Pipe 3/4	39174000	10.00	NOS	343.00	0%	18%	3,430.00
15	UPVC Ball Valve 3/4	39174000	1.00	NOS	207.00	0%	18%	207.00
16	Fitting & Accessories Khodai Kam	3917	1.00	NOS	7,500.00	0%	18%	7,500.00
17	Fitting & Accessories PVC And FI Fitting Material	3917	1.00	NOS	7,195.50	0%	18%	7,195.50
18	Fitting & Accessories Civil Work (Repairing)	3917	1.00	NOS	8,700.00	0%	18%	8,700.00

*VVD/VNB*  
*SS-P*  
*27-05-2023*

*CPA*

FILED IN U. Office of P. B. & R. C. Ward  
WARD NO: 13, 4 A  
DATE: 25-5-23



**Deshmukh Hitech Irrigation & Farm Agencies**

SALAYOK BUILDING OPPO ALPHA PETROCK,  
PUMP SCRTAPWAL-412115  
Mob-982077544 / 981185757 / 980895948 / 9821547880

Email: deshmukh.irs@rediffmail.com  
Web Site: www.deshmukhhitech.com

**TAX INVOICE**

<b>Pune Bhamburda Vetal College</b> Pune		Invoice No.	0262479
GST No. (State: Maharashtra)		Date	09-May-2018
		Order No.	
		Item	
		Payment Terms	Immediate
		Agent	Agent

Sl	Particular	HSN	Qty	Unit	Rate	Disc. %	Tax	Amount
19	Installation Charges	99872900	11.00	NOS	15,966.40	0%	18%	15,966.40
20	Transport	99872900	1.00	NOS	3,600.00	0%	18%	3,600.00

**PAID & CANCELLED**  
Rs. 36372/-  
PRINCIPAL

Eighty Ninety Six Thousand Seven Hundred and Seventy Two Only GST No. <b>27ANKPH084G125</b> PAN No. <b>ANKP13024E</b> Bank Details: Name: Bank of Baroda A/C: 0000100000001 Branch: Kalyanesh (Dharu Phata) IFSC: BARB07180000		Sub Total Taxable Amount CGST IGST Grand Total Amount	31,431.90 31,431.90 6,286.29 6,286.29 44 46,772.88
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HSN	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
9917	15966.40	0%	15966.40	0%	15966.40	6211.20
20172500	860.00	0%	761.40	0%	761.40	1122.84
99174000	480.00	0%	348.24	0%	348.24	736.39
9924	1536.00	0%	92.16	0%	92.16	186.12
94249000	2647.00	0%	1587.60	0%	1587.60	1539.60
99972900	3600.00	0%	198.96	0%	198.96	1511.96
<b>TOTAL</b>	<b>31431.90</b>		<b>6676.29</b>		<b>6676.29</b>	<b>31548.90</b>

Terms & Conditions:  
1. Subject to Pune Institutions Only

For Deshmukh Hitech Irrigation & Farm Agencies



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