



# The Shetkari Shikshan Mandal Bhivarabai Sawant College Of Engineering & Research

Accredited by NAAC With 'A' Grade

(Approved by A.I.C.T.E. & Govt. of Maharashtra Affiliated To Savitribai Phule Pune University

West/1-3669721/2010.New dated 13 Jul 2010.)

S.No. 12/1/2 & 12/2/2, Narhe, Taluka-Haveli, Pune-411041.

Phone : 020-24608500/01 Website : www.tssm.edu.in

Email : principal@tssm.edu.in

**Prof.Dr.T.J.Sawant**  
BE(Elec.), PGDBM, Ph.D  
**PRESIDENT**

**Dr.G.A.Hinge**  
Ph.D.LMISH  
**PRINCIPAL**

## Key 7.1: Institutional Values and Social Responsibilities


### 7.1.2: The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and non-degradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

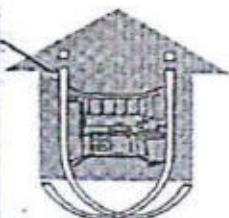
### Index of Bills for the purchase of equipment's for the facilities

Sr. No.	Details of Facilities	Digital Page No.
1	Solar Water Heater	2
2	LED Lights	9
3	Biogas Plant	14



  
Principal,  
BSCOER, Pune.  
**PRINCIPAL**  
TSSM's Bhivarabai Sawant College  
of Engineering & Research  
Narhe, Pune - 411 041

TAX INVOICE



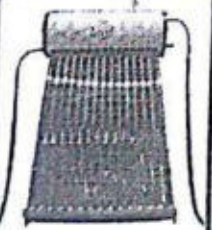
**JAIHIND AGENCY**  
Trusted Name in Home Appliances  
www.jaihindagency.com

# JAIHIND AGENCY

Importer & Distributer for Home Application, Industrial Products and Solar Water Heater

Jai Ganesh Vision, 'B'-wing, Shop No.: 13, Basement, Akurdi, Pune - 4110 035.  
Tel. No.: 020 - 46703739 / 46783006 E-mail: punejaihind@gmail.com www.jaihindagency.com

**SOLAR**



To, J.S.P.M. COLLEGE (NARHE)  
BOYS HOSTEL.

Mobile No.: \_\_\_\_\_ Tel. No.: \_\_\_\_\_

Tax Invoice No.	74
Date	21/11/2015
P. O. No.	
Date	
Vendor Code No.	

Sr. No.	Particulars	Quantity	Rate		Amount	
			Rs.	Ps.	Rs.	Ps.
1	SOLAR WATER HEATER 8000 LTR.  4000 x 2 = NO WITH INSTLOATION	1	7,44,740	=00	7,44,740	=00
BALANCE						
ADVANCE - 5,73,660 =00			BALANCE - 1,71,080 =00			

979  
Date: 23/11/15  
Time: 11-55am  
By Hand  
Nitin Takkar  
Jaihind Agency

(NG)

Jaywant Shikshan Prasarak Mandal  
Narhe Campus, Narhe, Pune - 411 041

Company Director  
Jaywant Shikshan Prasarak Mandal  
Narhe Campus, Narhe, Pune - 411 041

Rs. In Words - SEVEN LAC FORTY FOUR  
THOUSAND SEVEN HUNDRED FORTY  
ONLY

TOTAL	7,44,740 =00
VAT TAX %	NIL
GRAND TOTAL	7,44,740 =00

VAT TIN.27450381056V LBT Reg. No.: PCMC-LBT-0016683  
CST TIN.27450381056C  
We here by certify that my/our Registration Certificate Under the Maharashtra Value Added Tax Act, 2002 is in force on the date on which the sales of the goods specified in this tax invoice made by me/us and that the transaction of the sale covered by this Tax Invoice has been effected by me / us and it shall be accounted for in the turnover of sales while filling of return and the due tax if any payable on the sale has been paid or shall be paid.

Receiver's Signature & Stamp

For Jaihind Agency

AUTHORISED SIGNATORY



"The Shetkari Shikshan Mandal, Ganga"

# Bhivarabai Sawant College Of Engineering & Research

(Approved by A.I.C.T.E. & Govt. of Maharashtra Affiliated to Pune University)  
West/1-3669/21/2010 New dated 13 Jul 2010

S No 12/1/2 & 12/2/2, Narhe, Taluka Haveli, Pune - 411041

Phone : 020 64703673, 4, 5 Website : www.bscer.ac.in

Email : bscer@psppn.edu.in

Prof. Taraji Sawant  
B.E., B.L.(Etc.) MISTU  
PRESIDENT

In To V  
To  
Phone

## PURCHASE ORDER

To,  
Vitronics Controls,  
S.No. 58/4/4/2,  
Kondhawa,  
Pune: 411 048  
Tel: 26962548/ 26961311

P.O. No. BSCOER/PU/15 16/ 5532

Date: 05/09/2015

**SUBJECT: Purchasing Equipments for Renewable Energy Systems.**

Dear Sir,

With reference to the above referred quotation. We would like to place an order for the supply of the goods shown below to this institute on the terms and conditions mentioned. Total amount of PO is in words:- **Rs 2.03,500/- Two Lac Three Thousand Five Hundred Only.** List of equipment & instrument attached herewith please confirm it all technical specification. If any query please contact our institute's technical person.

## TERMS AND CONDITIONS OF PURCHASE ORDER

### **A) Order Acceptance:**

The acceptance of this order must be confirmed within ten days.

### **B) Delivery:**

- Timely delivery is the essence of this order. If the delivery is not made in the period/ by the date stipulated in this order, the order stands cancelled automatically and no claims will be entertained.
- Delivery should be made as discussed within 4-6 weeks from the issue of purchase order.
- Outstation parties should inform us the name and address of the transport company and its branch office in Pune well in advance, before sending the goods, and delivery will be necessarily at the college site
- Delivery of the goods covered under this PO shall be accompanied by delivery challan.
- Delivery at college site and transportation charges, if any will be borne by the supplier.
- Oxton, if applicable shall be payable, against receipt in favor of institute name only.

### **C) Inspection:**

- The goods supplied should confirm to the specifications given in this purchase order, if found inferior, the goods will be rejected and you will be required to take the equipment back, at your own cost and risks
- Inspection of the goods will be carried out at our premises to our satisfaction.

### **D) Guarantee:**

The goods & equipments supplied shall be guaranteed for minimum One year satisfactory performance against faulty workmanship or defective components / assembly

### **E) Payment:**

Bill should be sent in duplicate addressed to the Principal **Bhivarabai Sawant College of Engineering & Research, Narhe, Pune.** Showing taxes if any.



- a. Advance payment of 50% will be paid along with the purchase order. Remaining balance after Delivery & Ok Report.
- b. 100% payment of the bill will be made by cheque.
- c. Bill will be passed against production of gate pass, delivery challan, final invoice and report.
- d. It is necessary to produce immediately "Receipt" for payment received by the supplier.

F) **Insurance:** Transit should be arranged by the supplier whenever necessary at their cost.

G) **Taxes:** Government taxes Vat included in total amount.

H) **Penalty:** If goods are not delivered in time penalty of 2% will be charged per week.

<p>Accepted P. O. No: BSCOERT/PUR/15-16</p> <p>Date: 05/09/2015</p> <p>Authorized Signature: Name: _____ Designation: _____ Seal</p>	<p>On behalf of Management TSSM's Bhivarab Sawant College of Engineering &amp; Research, Narhe, Pune</p> <p><i>[Signature]</i> President</p> <p><i>[Signature]</i> Prin cip.</p>
--	--



TSSM's Bhilvarabai Sawant College of Engineering and Research, Narhe 41

Department of Electrical Engineering

Subject: Renewable Energy Systems

Supplier	Vitronics Controls
Description	<p><b>Technical Specifications System Includes:-</b>                      250Wp solar panel : 4 Nos.                      Battery 100Ah : 4 Nos.                      Charge Controller : 1 No.                      Inverter : 1kVA On grid, o/p: 230V AC, 50Hz</p> <p><b>Control panel for experiments equipped with meters:-connecting terminals and switches</b>  <b>Solar Panel:-</b>                      Pm : 250Wp                      Voc : 36V/43V                      Isc : 8.89A/7.56A                      Vmp : 29V/36V                      Imp : 7.63A</p> <p><b>Mounting structure:-</b>                      Galvanized / painted structure suitable for 4 nos.</p> <p><b>Junction Box: IP 65 protected JB</b></p> <p><b>Inverter : 1kVA Off grid - 01 no.</b>  <b>Inverter * 1kVA ON grid - 01 no.</b></p> <p><b>MPPT Charger:- 01 No</b></p> <p><b>AC &amp; DC Cables: Poly - abic, Lapp cable/RR cable/ Advance cable/ Atlas or any other reputed make</b>  <b>Standards:-IEC 61215/61730-1/2/TUV Safety class II</b></p> <p><b>Control Panel with Inverter:-</b>                      Capacity : 1000VA                      Input Voltage : 190~260V AC                      Output Voltage on Mains mode : same as input</p>
Cost of Setup	Rs. 2,00,000/- + installation & Commissioning Rs. 20,000/
Total Cost	220000
Discount	16500
Discounted Total	203500
Payment terms	50% with PO 50% after Delivery with Ok report.
Installation & Training	Free at our site.



*[Signature]*  
 President  
 The Shetkari Shikshan Mandal

TSSM's BhivarabaiSawant College of Engineering and Research, Narhe, Pune-41  
Department of Electrical Engineering

30/10/2015

To,  
The Principal  
BSCOER, Narhe.

Subject: Demonstration of Renewable energy system Lab equipments


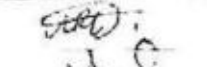
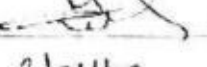
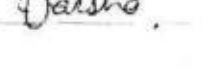
Respected Sir,

With reference to the above subject Mr. Vaibhav Kate has given demonstration of following laboratory setup:

Sr. No.	Description of Goods	Quantity
1	<b>Renewable energy system</b> 250W Pannel+Battery 100AH-4+Mounting Structure+Juction Box+1KVA off Grid inv+with MPPT Charger with polyab Cable	1

Delivery and demonstration of equipment is given on 30<sup>th</sup> Oct 2015.

The following staff members were present at the time of demonstration

Sr. No.	Name of Staff Member	Sign
1	Prof. U. K. Shinde	
2	Prof. A. P. Kinge	
3	Prof. K. C. Muley	
4	Prof. V. H. Patil	

This is for your information.

Thanking you.

  
Prof. K. C. Muley

Lab Incharge  
(Project Lab)

  
HOD

Electrical Dept.



(Duplicate)

# INVOICE

## VITRONICS CONTROLS

12 GOKULNAGAR BEHIND JAIN TEMPLE KONDHWA B.K.  
 NO 411040 C 877W E F1 A 2005  
 NO 27430381940V  
 NO-PMC-LDT-089-0039042  
 KONDHWA-WANWADI W.E.F 1.4.13  
 K Details-Union Bank of India  
 K Road,Pune-411002  
 Code UBIN0532103  
 Tel: 921005010072006  
 gal\_vitronics\_controls@vsnl.com

OF  
 VARABAI SAWANT COLLEGE OF ENGINEERING & RESEARCH  
 12/1/28,12/2/2,NARHE,TALUKA-HAVELI  
 NE

Invoice No.  
 15/16/10/15  
 Delivery Note

Supplier's Ref.

Buyer's Order No.  
 BSCOER/PUR-15-16/5538  
 Despatch Document No.

Despatched through

Terms of Delivery

Dated  
 14-Oct-2015  
 Mode/Terms of Payment  
 as per p.o  
 Other Reference(s)

Dated  
 14-Oct-2015  
 Dated

Destination

Description of Goods	Quantity	Rate	per	Amount
RENEWABLE ENERGY SYSTEMS 250WATT PANNEL+BATTERY 100AH-4+ MOUNTING STRUCTURE+JUNCTION BOX/BOX OFF-GRID INV. WITH MPPT CHARGE RYWITH POLY CAB CABLE + 1KVA ON GRD INV.	1 NO	2,20,000.00	NO	2,20,000.00
Less: Discount VAT Exempt Solar Item Under Section A-56 of the M				(-)16,500.00
<b>Total</b>	<b>1 NO</b>			<b>₹ 2,03,500.00</b>

*No due*

*Monica*  
 Accountant

Amount Chargeable (in words)  
 INR Two Lakh Three Thousand Five Hundred Only

Received No.  
 JSPM Narhe Campus

Company's CST No. : 27430381940C

Declaration  
 I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax Act 2002 is in force on the date on which the sale of the goods specified in this Tax Invoice is made by me/us and that the transaction of sale covered by this Tax Invoice has been effected by me/us and it will be accounted for in the turnover of sales while filing of return and the due tax, if any payable on the sales has been paid or shall be paid.



(Security)  
 This is a Computer Generated Invoice

**BSCOER 2015-16**  
**Vitronics Controls**  
**Ledger Account**

1-Apr-2015 to 30-Oct-2015

Date	Particulars	Vch Type	Vch No./Excise Inv.No.	Debit
21-9-2015	To PNB A/C No-3984002100005125 ch. 854347 dtd 15/9/2015 being purchase lab equipment for electrical dept as per PO No. 5538 for 50% advance payment paid.	Payment	bnk	1,01,750.00
14-10-2015	By Equipments being purchase Lab equipment for Electrical dept as per bill no 15/16/10/15 as per PO No 5538	Journal	15	
	To Closing Balance			1,01,750.00
				1,01,750.00
				<u>2,03,500.00</u>

*(Signature)*  
**Accountant**  
**M. C. C. & R. Narhe.**







# THE SHETKARI SHIKSHAN MANDAL, SANGLI

Name of the Institute : BSCOER

Campus Name : Nashe.

## PAYMENT VOUCHER

Rs. 66000/-

Date : 5/10/20

No. :

Pay Mr. / Mrs. Energy Efficiency Services Lit.

a sum of Rs. sixty six thousand only

being purchase for LED Tubelights for. Elect. dept. po. No 366.

and debit on \_\_\_\_\_ account.

Received the sum of

Paid by cash / cheque on cheque.

Rs. 66000/-

Bank PNB

Branch satara road.

Cheque No. 638115 Date : 5/10/17

Mona

Accountant

Principal/Director

Receiver's Signature



TAX INVOICE



**Name & Address of Seller:**  
 Energy Efficiency Services Limited  
 A-1, 8th Floor, Chandramukhi building,  
 Ramnath Goyanka Marg, Nariman Point, Mumbai-400 021

Ship from: Pune UJALA Godown

**Godown Address:**  
 Alankit Limited, B12, Bhayarli Peth, Opposite Padamji Paradise Pune  
 411042, Contact Person - Mr. Shivam, EESL: 8107575148

Contact Number: 022-40021193

Website: www.eeslindia.org

GSTIN: 27AACCI4248H1Z0

CIN: - UJ40200DL2009PLC196789M

PAN No.: AACCE4248H

INVOICE NO.	MH/SEP/17-18/02	PO No.	TSSM/BSCGER/10366/2017-18
INVOICE DATE	08-09-2017	PO Date	07-09-2017

Sold To		Ship To	
Customer Name	The Shetkari Shikshan Mandal, Sangli	Customer Name	The Shetkari Shikshan Mandal, Sangli
Billing Address	TSSM's Bhivarabai Sawant College of Engineering & Research, S. No.12/1/1 & 12/2/2, Narhe, Pune - 411041	Shipping Address	TSSM's Bhivarabai Sawant College of Engineering & Research, S. No.12/1/1 & 12/2/2, Narhe, Pune - 411041
State Name	Maharashtra	State Name	Maharashtra
State Code	27	State Code	27
GSTIN, if registered	-	GSTIN, if registered	-

Sr. No	Description of Goods/ Services	HSN/ SAC code	Quantity (Nos.)	Rate per Unit (INR)	Total Value (INR)	CGST		SGST		Total Amount (INR)
						Rate	Amount	Rate	Amount	
1	20 W LED Tube Light	9405	300	196.43	58,929	6%	3,536	6%	3,536	66,000
<b>TOTAL</b>					<b>58,929</b>		<b>3,536</b>		<b>3,536</b>	<b>66,000</b>

*No duty*

Total: (Value in figure) Rs.66,000/-

Total: (Value in words) Rupees Sixty Six Thousand Only

**RTGS/NEFT Details:**  
 Bank: ICICI Bank Ltd.  
 Account No.: 000705041800  
 IFS Code: ICIC0000007  
 Address: 9A, Phelps Building, Inner Circle, CP, New Delhi- 110 001



For Energy Efficiency Services Limited





सतारा रोड, पुणे (महाराष्ट्र)  
 Satara Road, PUNE (Mah) - 411037  
 RTGS/NEFT IFS Code : PUNB0398400

सभी शाखाओं पर देय PAYABLE AT ALL BRANCHES

0 5 1 0 2 0 1 7  
 D D M M Y Y Y Y

AY **\*\*Energy Efficiency Services Limited\*\***

या धारक को ~~XXXXXX~~

रुपये RUPEES **\*\*Sixty Six Thousand Only\*\***

अदा करें ₹ **\*\*66,000.00\*\***

खाता सं.  
 A/c. No. **3984002100005125**

चालू खाता  
 CURRENT A/c

For BHIVARABAI SAWANT COLLEGE OF ENGG & RESEARCH

338115



GJG

*[Handwritten Signature]*

Authorised Signatory(ies)  
 Please sign above

⑈ 638115 ⑈ 4110240131 ⑈

29



केवल तीन माह के लिए वैध VALID FOR THREE MONTHS ONLY

# " THE SHETKARI SHIKSHAN MANDAL, SANGLI "

(Public Trust Registration No. E - 954, Sangli.)

Campus: Sr No 33/22 BAVDHAN (Kherd) PAUD ROAD NEAR CHANDANI CHOWK, OPP PARANJAP'S PROJECT PUNE - 38.

TEL : 020 - 64102818 64102877, FAX : 020 - 22952361 Website: www.pvpi.in

Corporate office: Sawant Corner, Katraj Chowk New Pune - Mumbai By Pass Highway, Katraj Pune - 46  
Phone : (020) 24317383/84, Tele-fax : (020) 24317389 www.jspm.edu.in

of. Tanaji Sawant  
E. B E. (Elec) MISTE  
PRESIDENT

Giriraj Sawant  
SECRETARY

Ref No. TSSM/BSCOER/10366/2017-18

Date: 07.09.2017

## PURCHASE ORDER

TO,  
ENERGY EFFICIENCY SERVICES LIMITED,  
Mumbai Kshetriya Karyalay, A-1,8 floor,  
Chandrmukh Bhavan, Ramnath Goynaka  
Narimam Point,  
Mumbai-40 0021.

Subject.: PURCHASE ORDER FOR SUPPLY OF LED Tubelights .  
Kind Attn:- Shivam -8107576148 (Regional Office Maharashtra)

Dear Sir,

With Reference to your quotation. We are placing herewith our Purchase Order for supply for LED Tubelights as description given below.

Sr. No.	Item Description	Qty. Nos.	Unit Rate	Total Amount Rs.
1.	Surya / Philips LED Tubelight 20W, CRI > 80, CCT= 5700 k ANSI, PF> 0.95, class IP 65 or above. Housing of pressure die cast aluminium alloy and heat sink extruded aluminium.	300 qty.	220.00	66,000.00
	Total Amount			66,000.00
	12% GST include in above rates.			00.00
	In Words: Rs Sixty Six Thousands Only.			66,000.00

### TERMS & CONDITIONS

- Taxes :- All taxes inclusive.
- Billing & Delivery :- Immediately at TSSM's Bhiwarabai Sawant Collage of Engineering & Research, Narhe.
- Payments:- 100% along with PO.
- Warranty:- Two year replacement warranty.
- All bills should be in favor of institute name only.



100% Payment  
with revised P.O



*[Signature]*  
President  
The Shetkari Shikshan Mandal.



# OMKAR ROADLINES



Reg. Office : P-37, M.I.D.C. Gokul Shirgaon, KOLHAPUR - 416 234 ☎ : 0231- 2671397  
 Cell : 098222 77827 • E-mail : omkarrikop@gmail.com • Web : www.omkarroadlines.in

## WAY BILL

Consignor : Sintex - Badli Uda Kolhapur

No. KOP 27597

Consignee : G.K. Kedari Narhe. Pune.

Date : 14/12/17

Freight Payable By :

From : Kolhapur

To : Pune.

Remarks : 9921671537 - SN KALHADA

V. No.: MH14EM1877

Party's Inv. No. 385

Inv. Value :

No. of Box	Description of Goods	Act. Wt.	Charg. Wt.	Rate	Amount
01	Lease water tank Outward No. 945 JSPM Narhe Campus Date : 15/12/17 Time : 09.45 AM M.H.14EM1877				Freight 1400=
					Door Coll.
					Door Del.
					Hamali
					St. Charge 50=
					TOTAL 1450=

FREIGHT PAY TYPE : T/B BILLING BY Kiplh... COIL TYPE : Direct DEL. TYPE : 1200V

PAN : AAFO7273R

For OMKAR ROADLINES

DRIVER COPY

Receiver's Signature With Stamp

See Overleaf for our Branches Address

anti





# URJA BIO SYSTEM PVT. LTD

WASTE TO ENERGY SOLUTIONS

Flat No. 4, Shneh Complex, Behind Ankur Electronics, 1st Floor, Deep Banglow Chowk, Shivaji Nagar, Pune - 16  
Contact : 020 - 4122986 www.urjabiosystems.com

DELIVERY CHALLAN

Mr. G. K. Kelezi  
At post - Narhe.  
Dist. - Pune

D. C. No. : 203 Dt: 13/12/2017  
P. O. No. :  
P. O Date :  
Mode of Transport :  
Truck No. : MH-09-EM-1877

S. NO.	DESCRIPTION	QTY.	RATE	AMOUNT
1	Sintra Bio gas plant 2 m <sup>3</sup> (Renewable energy device & spare parts)	01	33000	33000
				33000 = 20

In  
Bill No. 945  
JSPH Narhe Campus  
Date: 15/12/17  
Time: 09.45 AM  
Vehicle No: MH 09 EM 1877  
Name: [Signature]  
(Security)



For URJA BIO SYSTEMS

[Signature]  
Authorised Signatory

"I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax Act, 2002 is in force on the date on which the sale of the goods specified in this Tax Invoice is made by me/us and that the transaction of sale covered by this Tax Invoice has been effected by me/us and it shall be accounted for in the turnover of sale while filing of return and the due tax, if any, payable on the sale has been paid or shall be paid.

VAT TIN NO. 27890660077V w.e.f. 30/05/2008

CST TIN NO. 27890660077C w.e.f. 30/05/2008

Terms & Conditions : GST - AARCU 4644A1ZN.

- 1) Goods once sold will not be taken back without our consent in writing.
- 2) All payments are requested to be made strictly on demand.
- 3) 24% interest will be charged if the payment is not made within 30 day.
- 4) Our responsibility ceases once the goods have left our premises.
- 5) Subject to Pune Jurisdiction. (E. & O. E.)

Date-28/09/2017

To,  
The President,  
TSSM's BSCOER Narhe,  
Pune.

Subject:-Permission for Anaerobic Digester for Narhe Campus.

Respected Sir,

One of the project group of final year Civil Engineering student has undertaken the project on "Anaerobic Digester for Food Waste of Narhe campus." As we are going to use the food waste in the campus as feeding material to the digester, our campus will automatically come under the category of Green Campus. Also the methane generated in this process will be utilized for cooking purpose in the college. This will also help us in the NACC process.

The Quotation & Comparative statement are attached herewith. The minimum Quote of Rs.98,000/- is given by Ideal Enterprises (SINTEX).

Therefore we request you to kindly grant permission to carry out the project & sanctioned an amount of Rs.98,000/- - 20,000/- (From canteen owner)

Thanking you.

= 78,000/-

Yours Faithfully,

  
H.O.D.

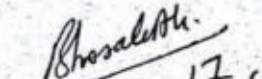
(Civil Engineering Dept.)



  
PRICIPAL

(TSSM's BSCOER, Narhe)

Recommended.

  
28-9-17







TSSM  
Bhivarabai Sawant College of Engineering and  
Research, Narhe, Pune.



Date:- 22/09/2017

DEPARTMENT OF CIVIL ENGINEERING

TITLE OF PROJECT  
“ANEROBIC DIGESTER  
FOR  
FOOD WASTE OF NARHE CAMPUS”

GROUP MEMBERS:-

- KIKALE OMKAR A.
- BIRAJDAR AKASH D.
- KORADE SNEHAL S.
- UGALMOGLE VAIBHAV R.

UNDER THE GUIDENCE  
OF  
PROF. KHATMODE N.P.





**Broad area: Civil Engineering**

**Sub area: Environmental Engineering**

**Details of Students Involved in Project:-**

Sr. No.	Name of Student	Department	College	Email ID	Contact Number
1	Omkar Kikale	Civil	BSCOER	<a href="mailto:kikaleomkar@gmail.com">kikaleomkar@gmail.com</a>	9960757616
2	Vaibhav Ugalmogale	Civil	BSCOER	<a href="mailto:vuglmougle@gmail.com">vuglmougle@gmail.com</a>	7720876553
3	Akash Birajdar	Civil	BSCOER	<a href="mailto:akashbirajdar111@gmail.com">akashbirajdar111@gmail.com</a>	7758002610
4	Snehal Korade	Civil	BSCOER	<a href="mailto:ksnehal.sr@gmail.com">ksnehal.sr@gmail.com</a>	7709767889

**Faculty Advisor Name: Prof. Khatmode N.P.**

Department: - Civil Engineering

Name of College: - TSSMS BhivarabaiSawant College of Engineering, Narhe, Pune

E-mail address: [khatmodenitin8989@gmail.com](mailto:khatmodenitin8989@gmail.com)

Contact Number: 7387888989

### **Introduction:-**

The uses of renewable energy sources are becoming very necessary due to the limited reserves of fossil fuels and global environmental concerns for the production of electrical power generation and utilization. In remote areas, villages, it is easy to get more amount of biomass. Hence by the use of these systems consisting of Biomass to generate methane gas and electrical energy in these remote areas can be more economical. Kitchen (food waste) was collected from different hostels of to the reactor which works as anaerobic digester system to produce biogas energy. In College campuses by utilizing the hostels food waste and other biomass residues can be utilized for better purposes. Biogas production requires anaerobic digestion. This study will gives an analysis on how Kitchen food waste can be converted into biogas and its utilization.

### **PROBLEM STATEMENT:-**

Deforestation is a very big problem in developing countries like India, most of the part depends on charcoal and fuel-wood for fuel supply which requires cutting of forest. Also, due to deforestation it leads to decrease the fertility of land by soil erosion. Use of dung, firewood as energy is also harmful for the health of the masses due to the smoke arising from them causing air pollution. We need an eco-friendly substitute for energy.



Many cities in developing countries are facing a serious problem in managing their solid wastes. The Municipal Solid Waste (MSW) consist of food and organic waste followed by plastic, paper, textile, glass, metal, wood etc. food and organic waste has contribute to high moisture content. Among these the food waste effects on the environment it mostly consists of uneaten food and food preparation waste from residence, restaurants, hostel, canteen etc.

Also in most of cities and places, kitchen waste is disposed in landfill or discarded which causes the public health hazards and diseases like malaria, cholera, typhoid. Inadequate management of wastes like uncontrolled dumping bears several adverse consequences: It not only leads to polluting surface and groundwater through leachate and further promotes the breeding of flies, mosquitoes, rats and other disease bearing vectors. Also, it emits unpleasant odor and methane which is a major greenhouse gas contributing to global warming. The food waste is the second largest category of MSW food waste generation and disposal has become a major global issue.

Many technologies are currently used for food waste. To choose a certain technology for waste treatment, the characteristics of the feedstock should be considered. The food waste is for the most part, disposed of in landfill. But it creates various problems such as the water body contamination, land contamination and odor generation.

#### **SOLUTION:-**

Treatment techniques are generally landfill, incineration and anaerobic digestion.

##### **1) Landfill -**

Means the disposing of waste in land. Main disadvantages of the landfill are it requires the land for the disposal waste, dumping food waste in a landfill causes odor as it decomposes, attracts flies and vermin and has the potential to add Biological Oxygen Demand (BOD) to the leachate, risk of land and water pollution, contribution to global warming, and economically expensive

##### **2) Incineration -**

This is a disposal method in which solid organic wastes are subjected to combustion so as to convert them into residue and gaseous products. It is a controversial method of waste disposal, due to issues such as emission of gaseous pollutants.

##### **3) Anaerobic digestion -**

Anaerobic digestion is nothing but, a series of processes in which microorganisms break down biodegradable material in the absence of oxygen. Anaerobic digestion is a renewable energy source because the process produces a methane and carbon dioxide rich biogas suitable for energy production helping replace fossil fuels. Also the nutrient rich solids left after digestion can be used as fertilizer. Anaerobic digestion as a pretreatment prior to landfill disposal or composting offers several advantages, such as minimization of masses and volume, better handling of wet waste, inactivation of biological and biochemical processes in order to avoid landfill gas, less area requirement and odor emissions, reduction of landfill settlements and energy production in the form of methane. Therefore, anaerobic digestion of biodegradable solid wastes can be considered an alternative option to improve the environment condition caused by organic solid waste and at the same time taking an advantage as an environmentally friendly resource of energy.



## SCOPE OF THE PROJECT:-

The present study deals with the realizing need of an alternative fuel. The studies will be carried out at "Narhe Technical Campus" on food waste for the better exploitation of biogas production.

Biogas is a combustible gas which is produced by the fermentation of cellulosic material such as cow dung also washed from food processing and the household.

It can be directly combusted as a source of heat for cooking or used with an internal combustion engine. The slurry produced after digestion can be used directly as valuable manure for crop production.

## OBJECTIVES OF THE WORK:-

The prime object of this work is:-

- 1) To investigate the prospect of kitchen waste for biogas production
- 2) To design an anaerobic digester for the TSSM'S and JSPM Narhe Campus
- 3) To carry out performance evaluation of anaerobic digestion of food waste
- 4) Ultimate protection of environment from the bad effect of methane gas that would be produced by uncontrolled anaerobic digestion

## WASTE QUANTITY ESTIMATION IN TSSMS AND JSPM, NARHE CAMPUS:-

Estimated Capacity (By Students) of biodegradable waste per day: 25 Kg

## PRESENT SITUATION:-

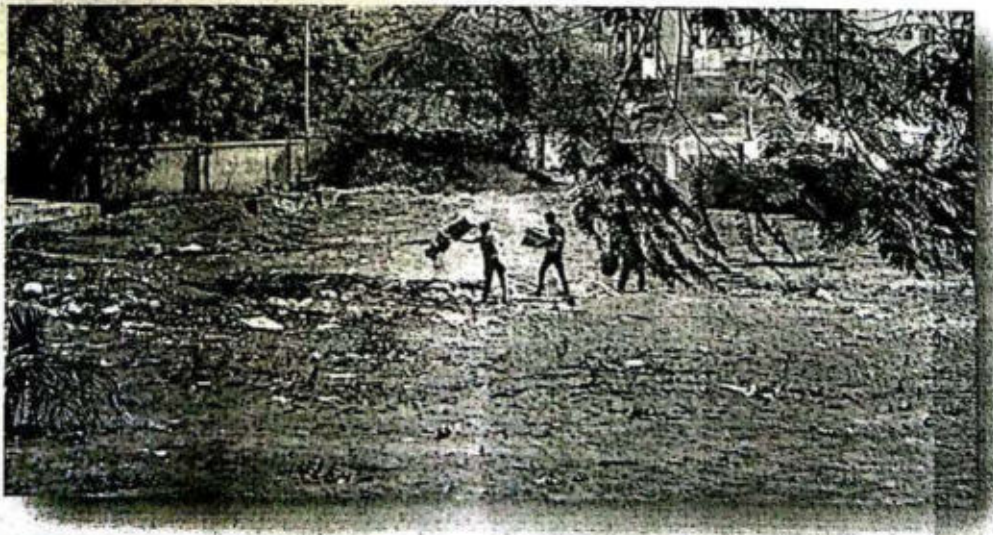


Fig. Solid waste being disposed inside the college campus



Solid waste management activities in comprise of road sweeping, drain cleaning and cleaning of toilets. Work in this area is entrusted to worker.

Road sweeping is fairly satisfactory.

Collection of waste

Segregation at Source – Needs to be taken up by motivating the people, hoteliers, and other workers.

As per survey in college campus, nearly 40 kg of food waste is generated which is directly dumped into PMC garbage.

Waste Collected is required transported to designated area.

### **Waste Composition**

**Solid Waste contains many things; Broadly, the waste is categorized into groups as follows:**

#### **Biodegradable (Wet)**

**This Comprises of:**

- Kitchen waste such as vegetable and fruit peels. Food leftovers, bones, meat, eggshells
- Dry leaves, Garden waste

The above is suitable for composting

The AD would however not process egg shells, coconut shells and dry leaves. All other biodegradable matter can be processed

#### **Recyclable (Dry)**

This comprises of

- Paper, Plastics
- Metal scrap
- Glass, rubber, cans, thermo Cole, wood etc.

The above is suitable for recycling

### **ANAEROBIC DIGESTER SET-UP –**

#### **PROCESS DESCRIPTION**

#### **GENERATING BIOMASS FROM KITCHEN WASTE FOOD**

Anaerobic digestion (AD) is a microbial decomposition of organic matter into methane, carbon dioxide, inorganic nutrients and compost in absence of oxygen. This process is also known as bio-Methanogenesis.

In the generalized scheme of the anaerobic digestion, the feedstock is collected, coarsely shredded and placed into a reactor with active inoculums of methanogenic microorganisms.

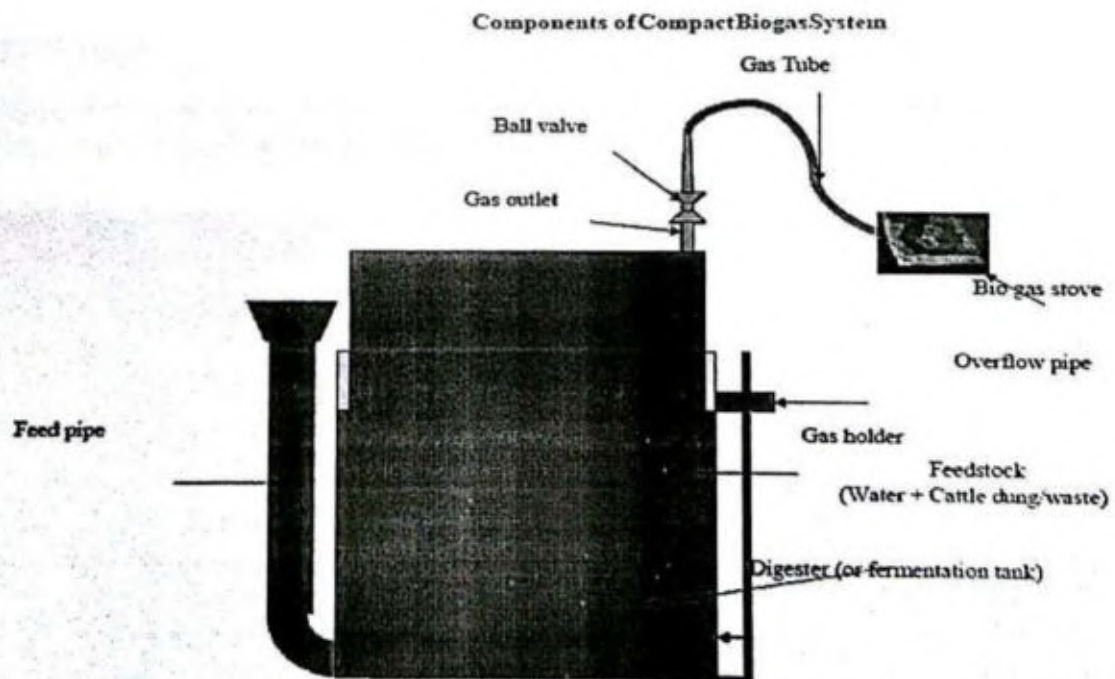


Generally three main reactions occur during the entire process of the anaerobic digestion to methane: hydrolysis, acid forming and methanogenesis. Although AD can be considered to take place in three stages all reactions occur simultaneously and are interdependent.

**LOCATION:-**

Please give location

**DETAILS OF ANAEROBIC DIGESTER:-**



## Materials

A biogas production system consists of the following features:

### a) Substrate inlet

This consists of a receptacle for the raw fresh organic waste and pipe of at least 10 cm diameter leading to the digester. The connection between the inlet pipe and the digester must be air tight.

### b) Digester

This is the reservoir of organic wastes in which the substrate is acted on by anaerobic micro organisms to produce biogas.

### c) Gas Storage /Reservoir

Depending on the proposed design, this may be simply an empty but enclosed space above the slurry in the digester, an inverted floating drum whose diameter is just slightly smaller than that of the cylindrical digester or an air tight polythene tube with an inlet -outlet outfit.

### d) Gas Burner

This may be a special lighting lamp or a modified burner for cooking.

### e) Exhaust outlet

This consists of a pipe of similar size to the inlet pipe connected to the digester at a slightly lower level than the inlet pipe to facilitate outflow of exhausted.



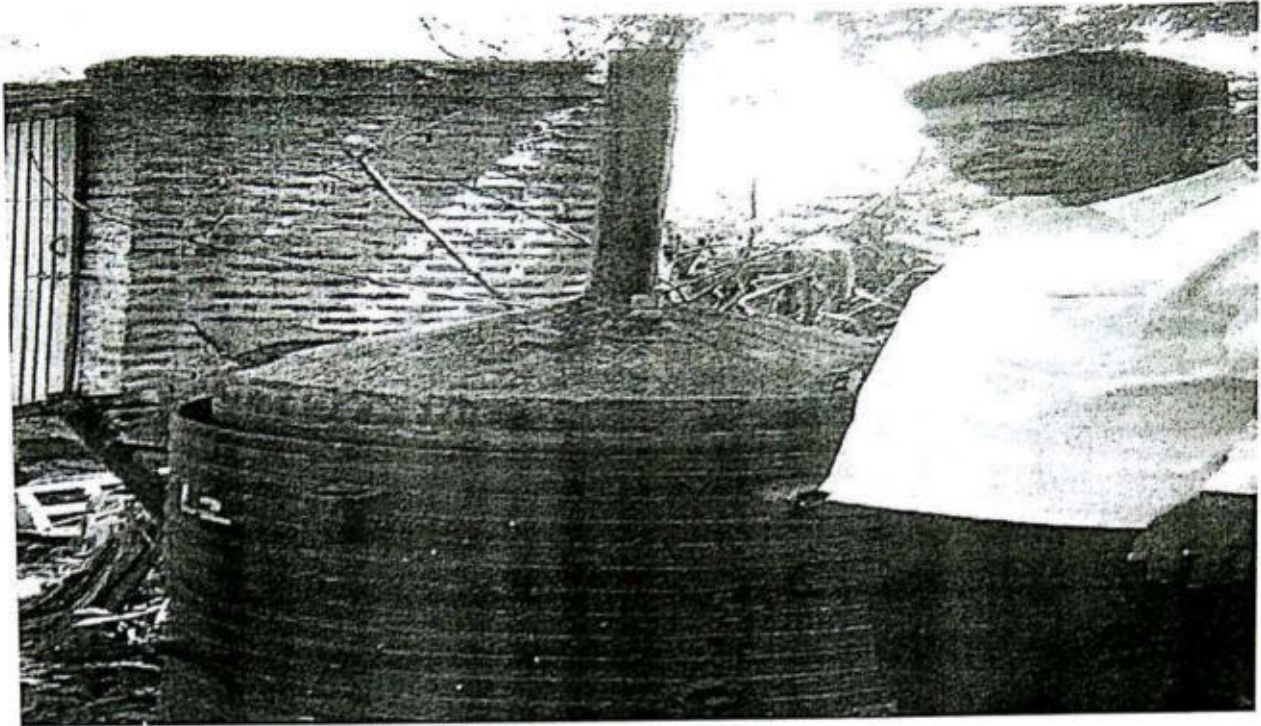


Fig Anaerobic digester

### Beneficial end Products:-

#### Gas production rate, (G)

One kilogram of kitchen waste, if well digested, yields 0.3m<sup>3</sup> of biogas according to Dublin, 2008. The gas production rate (G) for the available kitchen waste, working with 50kg/day was found to be given by:

$$G = W \times 0.3 = 25 \times 0.3 = 7.5 \text{ m}^3/\text{day}.$$

#### Active slurry volume, (V)

The active slurry volume in the digester is directly related to the hydraulic retention time (HRT). This is the theoretical time that a particle or volume of liquid waste added to a digester would remain in the digester. It is calculated as the volume of the digester divided by the volume of slurry added per day and is expressed as days (Niangua, 2006).

Active slurry is therefore given by:  $V_s = \text{HRT} \times 4500 / 2 \times 50$  , HRT = 30 days

$$V_s = 1.350 \text{ m}^3$$

**This slurry contains very stable organic matter so we can use it as a fertilizer.**



According to Literature Survey it concludes that Just 2 kg of such feedstock produces about 500 g of methane. (ARTI - Appropriate Rural Technology of India, Pune (2003)

- For 25 kg of Food Waste methane gas production will be 1- 1.2 kg/day ( LPG )
- If we install the plant

We can save Total amount per month =  $1 \times 70.58 \times 30$

Rs. 2200/-







**TSSM**  
**Bhivarabai Sawant College of Engineering and  
Research, Narhe, Pune.**



Comparative Statement from 3 different Venders Quotation for 25 kg food waste is as follows and same attached here within

SR NO	COMPANY NAME	AMOUNT
1	Appropriate Rural Technology Institute (ARTI)	Rs.1,58,000/- - 5m <sup>3</sup> Rs 97,500/- - 2m <sup>3</sup>
2	Ideal Enterprises (SINTEX)	Rs.98,000/-
3	Urja Bio system pvt.ltd.	Rs.1,38,000/-





" The Shetkari Shikshan Mandal, Sangli"  
**Bhivarabai Sawant College Of Engineering & Research**  
 (Approved by A.I.C.T.E. & Govt. of Maharashtra Affiliated to Pune University.)  
 West/1-3669721/2010.New dated 13Jul 2010.)

**S.No.12/1/2 & 12/2/2, Narhe, Taluka-Haveli,Pune-411041**

Prof. Tanaji Sawant  
 D.E.E., B.E.(Elec.) MISTE Ph. D.  
 PRESIDENT

**Phone : 020-64703673,4,5 Website : www.tssm.in**

Email: bscoer@jspm.edu.in

Dr. G. A. Hinge  
 Ph. D.  
 PRINCIPAL

Ref. No. TSSM's/ BSCOER/PO/139

Date : ~~21/09/2016~~

15/11/2017

**PURCHASE ORDER**

To,  
 Appropriate Rural Technology Institute,  
 Survey no 13, 2nd Floor,  
 Maninee Apartments, Narhe road,  
 Dhayari Gaon, Pune - 411041.

**Subject: Purchase order of Anaerobic Digester for food waste(Bio-GAS)**

Dear Sir,

With reference to your quotation dated 13/9/2017, We are placing herewith our purchase order of Anaerobic Digester for food waste(Bio-GAS), as per below mentioned specification with terms & conditions description given below.

Sr. no	Material Specification	Description	BY ARTI
1	Biogas Unit A. Digester B. Gas holder	HDPE/LLDPE 2000 Lit HDPE/LLDPE 1500 Lit	36,000
2	Crusher with stand (single phase)10Kg per hour	I Phase	15,000
3	Fabricated Guide for Gasholder	Support for the gasholder	3,500
4	Plumbing Material & accessories	PVC pipes, elbow, MTP, FTP etc	5,000
5	Cow dung	Inoculums of biogas bacteria	2,000
6	Biogas Burner	Burner with stand single	3,000
7	Sundry Material	Bucket, mugs, pipes, etc	-----
8	Manpower		15,000
9	Travel for Experts & Technicians (2 visits)		2,000
10	Contingencies		2,500
11	ARTI Technology Transfer charges		3,500
12	Transport of Material		5,000
13	Institutional Overheads		5,000
<b>Grant Total</b>			<b>97,500</b>

**In words: Rs Sixty Five Thousand only**

**TERMS & CONDITION**

1. Delivery: - By Hand.
2. Payment: - 80% advance payment & 20% after completion of the project.



*(Signature)*  
Principal

Bhivarabai Sawant College of  
 Engineering & Research  
 S.No.12/1/2 & 12/2/2, Narhe  
 Taluka-Haveli, Pune-411 041



"The Shetkari Shikshan Mandal, Sangli"

# Bhivarabai Sawant College Of Engineering & Research

(Approved by A.I.C.T.E. & Govt. of Maharashtra Affiliated to Pune University.)

West/1-3669721/2010.New dated 13Jul 2010.)

S.No.12/1/2 & 12/2/2, Narhe, Taluka-Haveli, Pune-411041

Phone : 020-64703673,4,5 Website : www.tssm.in

Email: bscoer@jspm.edu.in

Dr. G. A. Hinge

Ph. D.

PRINCIPAL

Prof. Tanaji Sawant

D.E.E., B.E.(Elec.) MISTE Ph. D.

PRESIDENT

Ref. No. TSSM's/ BSCOER/PO/139

Date: 21/09/2016

15/11/2017

## PURCHASE ORDER

To,  
Appropriate Rural Technology Institute,  
Survey no 13, 2nd Floor,  
Maninee Apartments, Narhe road,  
Dhayari Gaon, Pune - 411041.

Subject: Purchase order of Anaerobic Digester for food waste(Bio-GAS)

Dear Sir,

With reference to your quotation dated 17/9/2017, We are placing herewith our purchase order of Anaerobic Digester for food waste(Bio-GAS), as per below mentioned specification with terms & conditions description given below.

Sr. no	Material Specification	Description	BY ARTI
1	Biogas Unit A. Digester B. Gas holder	HDPE/LLDPE 2000 Lit HDPE/LLDPE 1500 Lit	36,000
2	Crusher with stand (single phase)10Kg per hour	1 Phase	15,000
3	Fabricated Guide for Gasholder	Support for the gasholder	3,500
4	Plumbing Material & accessories	PVC pipes, elbow, MTP, FTP etc	5,000
5	Cow dung	Inoculums of biogas bacteria	2,000
6	Biogas Burner	Burner with stand single	3,000
7	Sundry Material	Bucket, mugs, pipes, etc	-----
8	Manpower		15,000
9	Travel for Experts & Technicians (2 visits)		2,000
10	Contingencies		2,500
11	ARTI Technology Transfer charges		3,500
12	Transport of Material		5,000
13	Institutional Overheads		5,000
Grant Total			97,500

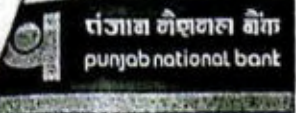
In words: Rs Sixty Five Thousand only

### TERMS & CONDITION

1. Delivery: - By Hand.
2. Payment: - 80% advance payment & 20% after completion of the project.



  
Principal  
Bhivarabai Sawant College  
Engineering & Research  
S. No-12/1/2 & 12/2/2, Narhe  
Tal- Haveli, Pune-411 041



पंजाब नैशणल बैंक  
punjab national bank

सतारा रोड, पुणे (महाराष्ट्र)  
Satara Road, PUNE (Mah) - 411009  
RTGS/NEFT IFS Code : PUNB0398400

A/c Payee

सभी शाखाओं पर देय PAYABLE AT ALL BRANCHES

22 11 2017  
D D M M Y Y Y Y

PAY Appropriate Rural Technology Institute

या धारक को OR BEARER

रुपये RUPEES Seventy eight thousand only

अदा करें ₹ 78,000/-

खाता नं.  
A/c No 3984002100005125

चालू खाता  
CURRENT A/c

For BHIVARABAI SAWANT COLLEGE OF ENGG & RESEARCH

510796



GQT

*Devi*  
Principal  
BSCOER

*[Signature]*  
Authorized Signatory(ies)  
President  
TSSM  
Please sign above

510796 4110240131

29



केवल तीन मास के लिये वैध VALID FOR THREE MONTHS ONLY

||SHREE||

**TAX INVOICE**

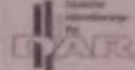
(Rule 11 of Central Excise Rule 2002, as amended)

DUPLICATE FOR TRANSPOTER

**WTE INFRA PROJECTS PVT. LTD.**



SR.No.80, Behind Hotel Pragati, Bhosari-Alandi Road,  
Wadmukhwadi-Charholi, Pimpri-Chinchwad, Pune-412105.  
Tel. +91-9822909688 Email : accounts@watertreatmentindia.net



An ISO 9001 : 2008 Certified Company

Our VAT TIN No. : 27421148585V		Invoice No. : 00265		Date : 13.09.2016	
Our CST TIN No. : 27421148585C		ECC No. : AAECK4133BEM001			
Range : Bhosari Range II Code No. : 600904		Desp from :		Veh No. : <b>MH14 DM 9688</b>	
Div. : Bhosari Div-I PLA No. :		Transporter : BY HAND			
Excise Comodity : SPARE PART OF W.T. PLANT		Nature of Removal : Independent Buyer		Vendor Code : NOT	
Tariff Heading No. : 84219900		Category : Industrial Consumer			
Rate of Duty : 12.50%		Date & Time of Preparation : 13.09.2016 14.50			
Notif. No. : WEF 01.03.15 (AS PER BUDGET 2015)		Date & Time of Removal : 13.09.2016 15.05			
Customer : 46014 JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE		Consignee : 46014 JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE			
Cust.VAT/CST TIN : /		Consignee VAT/CST TIN : /			
Cust.ECC No. : /		Con.ECC No. : /			
Cust.PAN : AAATJ3522A				Our ORF No. : 02885	
Your PO No. & Date : JSPM/NARHE/PO/2016-17 /DL 13.09.2016					
Sr. No.	Particulars	Qty & Unit	Unit Rate Rs	Amount Rs	
1	CHEMICAL CAUSTIC SODA	3.000 kg	350.000	1050.00	
2	CHEMICAL CITRIC ACID	3.000 kg	450.000	1350.00	
3	CHEMICAL SODIUM LOARY SULPHATE	0.500 kg	520.000	260.00	
4	CHEMICAL EDTA	1.000 Kg.	600.000	600.00	
5	CHEMICAL HYDROCHLORIC ACID	5.000 kg	50.000	250.00	
Remark :		Sub Total		Rs	3510.00
		Less Discount		Rs	
		Packing & Forwarding @ 0.00 %		Rs	0.00
Excise Duty Payable Rs. : 439.00		Total Ass. Value		Rs	3510.00
E Duty in words : ( Rupees Four Hundred Thirty Nine Only)		Total Excise Duty @ 12.50		Rs	439.00
		Edu. Cess @ 0.00 % on ED		Rs	0.00
		H&S Cess @ 0.00 % on ED		Rs	0.00
		Taxable Freight/Transport		Rs	0.00
Invoice Value : ( Rupees Four Thousand Four Hundred Forty Three Only)		Taxable Amount		Rs	3949.00
		MVAT @ 12.50%		Rs	494.00
Certified that the particulars given above are true and correct and the amount indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer				Rs	0.00
We hereby certify that our registration certificate under the Maharashtra Value Added Tax Act, 2006 is in force on the date on which that the sale of the goods specified in this Tax Invoice is made by us and that the transaction of sales covered by this Tax Invoice has been affected by us and if shall be accounted for in the turnover of sales while filing of return and the due tax if any payable on the sale has been paid or shall be paid		Freight / Octroi / Insurance		Rs	0.00
		Round off		Rs	0.00
		Invoice Value		Rs	4443.00
Payment Terms: If payment of this bill is not received within due date, interest @ 24% P. A. will be collected from you in addition to the bill amount.		Material received in good condition		For WTE INFRA PROJECTS PVT. LTD.	
CIN-U41000PN2011PTC140129		Receiver's Signature		 Authorised Signatory	
		 Subject to Pune Jurisdiction Only		 Name: _____ Pune - 411 041	

[[SHREE]]

**TAX INVOICE**

(Rule 11 of Central Excise Rule 2002, as amended)

DUPLICATE FOR TRANSPORTER

**WTE INFRA PROJECTS PVT. LTD.**



SR.No.80, Behind Hotel Pragati, Bhosari-Alandi Road,  
Wadmukhwadi-Charholi, Pimpri-Chinchwad, Pune-412105.  
Tel. +91-9822909088 Email : accounts@watertreatmentindia.net



Our VAT TIN No. 27421148585V	Invoice No. : 00269	Date : 17.09.2016
Our CST TIN No. 27421148585C	ECC No. AAECK4133BEM001	
Range <b>Bhosari Range II</b> Code No. : 600904	Desp. from :	Veh No. :
Div <b>Bhosari Div- I</b> PLA No. :	Transporter : <b>BY ROAD</b>	
Excise Commodity : SPARE PART OF W.T. PLANT	Nature of Removal : Independent Buyer	Vendor Code : NOT
Tariff Heading No. : 84219900	Category : <b>Industrial Consumer</b>	
Rate of Duty : 12.50%	Date & Time of Preparation : 17.09.2016 9.50	
Notif. No. WEF 01.03.15 (AS PER BUDGET 2015)	Date & Time of Removal : 17.09.2016 10.05	

Customer : 46014	Consignee : 46014
JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE	JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE

Cust.VAT/CST TIN : /	Consignee VAT/CST TIN : /
Cust.ECC No. : Cust PAN AAATJ3522A	Con.ECC No. : /
Your PO No. & Date : jspm/ narhe/po/2016-17 /Dt. 16.09.2016	Our ORF No. : 02896

Sr. No	Particulars	Qty & Unit	Unit Rate Rs.	Amount Rs.
--------	-------------	------------	---------------	------------

1	MEMBRANE HYD.RO MEMBRANE BR2 8040	2,000 No.	42700.000	85400.00
---	--------------------------------------	-----------	-----------	----------

Received Rec. JSPM Narhe Campus 442  
Date : 17/09/16  
Time :  
Vehicle No. MH14DDM-9889  
Name :  
(Security)



Remark :	Sub Total	Rs.	85400.00
	Less Discount	Rs.	
Excise Duty Payable Rs. 10675.00 E Duty in words : ( Rupees Ten Thousand Six Hundred Seventy Five Only)	Packing & Forwarding 0.00 %	Rs.	0.00
	Total Ass. Value	Rs.	85400.00
Invoice Value : ( Rupees One Lakh Eight Thousand Eighty Four Only)	Total Excise Duty @ 12.50	Rs.	10675.00
	Edu. Cess @ 0.00 % on ED	Rs.	0.00
Certified that the particulars given above are true and correct and the amount indicated represents the price actually charged and that there is no flow of additional consideration, directly or indirectly from the buyer.	H&S Cess @ 0.00 % on ED	Rs.	0.00
	Taxable Freight/Transport	Rs.	0.00
We hereby certify that our registration certificate under the Maharashtra Value Added Tax Act, 2005 is in force on this date on which the sale of the goods specified in this Tax Invoice is made by us and that the transaction of sales covered by this Tax Invoice has been affected by us and it shall be accounted for in the turnover of sales while filing of return and the due tax if any payable on the sale has been paid or shall be paid.	Taxable Amount	Rs.	96075.00
	MVAT @ 12.50%	Rs.	12009.00
Payment Terms: If payment of this bill is not received within due date, interest @ 24% P. A. will be collected from you in addition to the bill amount.		Rs.	0.00
		Rs.	0.00
CIN-U41000PN2011PTC140129	Freight / Octroi / Insurance	Rs.	0.00
	Round off	Rs.	0.00
	Invoice Value	Rs.	108084.00

Material received in good condition	 Subject to Pune Jurisdiction Only	For WTE INFRA PROJECTS PVT. LTD.  Authorised Signatory
Receiver's Signature		



# WTE Infra Projects Pvt. Ltd.



## For Water And Waste Water Treatment Systems

(Formerly known as WTE-Water Treatment Equipments Pune)

Infra Projects Pvt. Ltd.

Operations : Sr.No. 80/1, Bhosari-Nandi Road, Behind Hotel Pragati, Magazine Corner, Wadnukhadi, Charholi(B), Pimpri Chinchwad, Pune - 412 105.

Contacts : +918793009688, 7350010550 Email : pak1@watertreatmentindia.net omkar@watertreatmentindia.net

Web : www.watertreatmentpune.com CIN - U41000PN2011PTC140129

ORIGINAL

### TAX INVOICE

TO JSPM GROUP OF INSTITUTE  NARHE CAMPUS, PUNE  Cust.Code : NOT APP	Invoice No : 50166 Date : 19.10.2016  P.O.No. : JSPM/NARHE/PO/2016-17 P.O.Dt. : 18.10.2016  Disp.Document: BY HAND Our ORF No. : 02990
--	---

Sr. No.	Particulars	Quantity Unit	Rate Rs.	Amount Rs.
1	SERVICE CHARGES	1.000 No.	6500.00	6500.00
2	MOTOR REPAIRING CHARGES SERVICE CHARGES PUMP REPAIRING CHARGES	1.000 No.	5800.00	5800.00

Received No. **687**  
 JSPM Narhe Campus  
 Date: 19/10/16  
 Time: 12:15 PM  
 Vehicle No. MY-1HE8-9688  
 Name: *Hardekar*  
*[Signature]*

Payment : Within 0 days.	Sub-Total	12300.00
	Less Discount	0.00
	Packing & For.	0.00 % 0.00
	Sub-Total	12300.00
Service Tax No.:AAECK4133BSD001	Service Tax	14.00 % 1722.00
PAN No.:AAECK4133B	Swachh Bharat Cess	0.50 % 61.50
Subject to Pune Jurisdiction.	Krishi Kalyan Cess	0.50 % 61.50
We hereby certify that our Registration Certificate under Maharashtra Sales Tax At 1959 is in force on the date on which the sales of the goods specified in the Bill is made by us and that the transaction of sales covered by this Bill has been effected by us in regular course of our business.	Sub-Total	14145.00
	Sales Tax	0.00
	Freight+Octroi	0.00
	Other Charges	
	Round Off	0.00
	GRAND TOTAL	14145.00

Amount(in words): ( RUPEES FOURTEEN THOUSAND ONE HUNDRED FORTY FIVE ONLY)

Receiver's Sign. & Remarks

For WTE INFRA PROJECTS PVT. LTD.

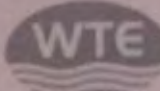

*[Signature]*  
Authorized Signatory



[[SHREE]]

**TAX INVOICE**

(Rule 11 of Central Excise Rule 2002, as amended)

 WTE Infra Projects Pvt. Ltd.	<b>WTE INFRA PROJECTS PVT. LTD.</b> SR.No.80, Behind Hotel Pragati, Bhosari-Alandi Road, Wadmukhwadi-Charholi, Pimpri-Chinchwad, Pune-412105. Tel. +91-9822909688 Email : accounts@watertreatmentindia.net	 An ISO 9001 : 2008 Certified Company
---	---	---

Our VAT TIN No. : 27421148585V Our CST TIN No. : 27421148585C	Invoice No. : 00376 Date : 26.11.2016	ECC No. : AAECK4133BEM001
Range : Bhosari Range II Code No. 600904 Div. : Bhosari Div- I PLA No.	Desp from : Transporter : BY HAND	Veh.No. : 0
Excise Comodity : SPARE PART OF W.T. PLANT Tariff Heading No. : 84219900 Rate of Duty : 12.50% Notif No. WEF 01.03.15 (AS PER BUDGET 2015)	Nature of Removal : Independent Buyer Category : Industrial Consumer Vendor Code : NOT	Date & Time of Preparation : 26.11.2016 16.07 Date & Time of Removal : 26.11.2016 16.22
Customer : 46014 JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE	Consignee : 46014 JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE	
Cust VAT/CST TIN : / Cust ECC No. : Cust PAN : AAATJ3522A	Consignee VAT/CST TIN : / Con ECC No. :	Your PO No. & Date : JSPM/NARHE/PO/2016-17 /DL 26.11.2016 Our ORF No. : 03093

Sr No.	Particulars	Qty & Unit	Unit Rate Rs.	Amount Rs.
1	MOTOR PULLY	1.000 No.	3000.000	3000.00

850

Received For  
 JSPM Narhe 29/11/16  
 Date : 12-12-16  
 Time : By Hand  
 Vehicle No. Scania 4x2  
 2015220



Remark Excise Duty Payable Rs. : 375.00 E Duty in words : ( Rupees Three Hundred Seventy Five Only)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sub Total</td><td style="text-align: right;">Rs. 3000.00</td></tr> <tr><td>Less Discount</td><td style="text-align: right;">Rs. 0.00</td></tr> <tr><td>Packing &amp; Forwarding 0.00 %</td><td style="text-align: right;">Rs. 0.00</td></tr> <tr><td>Total Ass. Value</td><td style="text-align: right;">Rs. 3000.00</td></tr> <tr><td>Total Excise Duty @ 12.50</td><td style="text-align: right;">Rs. 375.00</td></tr> <tr><td>Edu. Cess @ 0.00 % on ED</td><td style="text-align: right;">Rs. 0.00</td></tr> <tr><td>H&amp;S Cess @ 0.00 % on ED</td><td style="text-align: right;">Rs. 0.00</td></tr> <tr><td>Taxable Freight/Transport</td><td style="text-align: right;">Rs. 0.00</td></tr> <tr><td>Taxable Amount</td><td style="text-align: right;">Rs. 3375.00</td></tr> <tr><td>MVAT @ 13.50%</td><td style="text-align: right;">Rs. 456.00</td></tr> <tr><td>Freight / Octroi / Insurance</td><td style="text-align: right;">Rs. 0.00</td></tr> <tr><td>Round off</td><td style="text-align: right;">Rs. 0.00</td></tr> <tr><td>Invoice Value</td><td style="text-align: right;">Rs. 3831.00</td></tr> </table>	Sub Total	Rs. 3000.00	Less Discount	Rs. 0.00	Packing & Forwarding 0.00 %	Rs. 0.00	Total Ass. Value	Rs. 3000.00	Total Excise Duty @ 12.50	Rs. 375.00	Edu. Cess @ 0.00 % on ED	Rs. 0.00	H&S Cess @ 0.00 % on ED	Rs. 0.00	Taxable Freight/Transport	Rs. 0.00	Taxable Amount	Rs. 3375.00	MVAT @ 13.50%	Rs. 456.00	Freight / Octroi / Insurance	Rs. 0.00	Round off	Rs. 0.00	Invoice Value	Rs. 3831.00
Sub Total	Rs. 3000.00																										
Less Discount	Rs. 0.00																										
Packing & Forwarding 0.00 %	Rs. 0.00																										
Total Ass. Value	Rs. 3000.00																										
Total Excise Duty @ 12.50	Rs. 375.00																										
Edu. Cess @ 0.00 % on ED	Rs. 0.00																										
H&S Cess @ 0.00 % on ED	Rs. 0.00																										
Taxable Freight/Transport	Rs. 0.00																										
Taxable Amount	Rs. 3375.00																										
MVAT @ 13.50%	Rs. 456.00																										
Freight / Octroi / Insurance	Rs. 0.00																										
Round off	Rs. 0.00																										
Invoice Value	Rs. 3831.00																										

Payment Terms: If payment of this bill is not received within due date, interest @ 24% P. A. will be collected from you in addition to the bill amount.	Material received in good condition.  Receiver's Signature	 Subject to Pune Jurisdiction Only	For WTE INFRA PROJECTS PVT. LTD.  Authorised Signatory
--	---	--	---



{SHREE}

TAX INVOICE

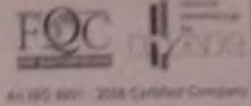
(Rule 11 of Central Excise Rule 2002, as amended)

DUPLICATE FOR TRANSPORTER

WTE INFRA PROJECTS PVT. LTD.



Plot No PAP-S-77, Chakan Industrial Area, Phase-II, Village Savardari, Tal Khed, Dist Pune-410 501  
Tel: +91-9522909558 Email: accounts@watertreatmentindia.net



Our VAT TIN No: 27421148585V Our CST TIN No: 27421148585C	Invoice No: 10045 ECC No: AAECK4133BEM002	Date: 30.12.2016
Range: RANGE-IV(CHAKAN-I) Code No: 600904 Div: Division-IV(Chakan-II) PLA No.	Desp from: _____ Transporter: BY ROAD	Veh No: _____
Excise Comodity: SPARE PART OF W.T PLANT Tariff Heading No: 84219900 Rate of Duty: 12.50%	Nature of Removal: Independent Buyer Category: Industrial Consumer	Vendor Code: NOT
Notif. No: WEF 01.03.15 (AS PER BUDGET 2015)	Date & Time of Preparation: 30.12.2016 17.47 Date & Time of Removal: 30.12.2016 18.02	
Customer: 46014 JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE	Consignee: 46014 JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE	
Cust. VAT/CST TIN / Cust. ECC No. _____ Cust. PAN: AAATJ3522A	Consignee VAT/CST TIN / Con. ECC No: _____	Our ORF No: 03173

Sr No	Particulars	Qty & Unit	Unit Rate Rs.	Amount Rs.
1	PVC FOOT VALVE [ P . P ] 50NB -FLANGE END	1.000 No.	220.000	220.00
2	PUMP ACCESSORIES DISCHARGE FLN THRD 3 " JDS 30	1.000 No.	263.000	263.00
3	PUMP ACCESSORIES DISCHARGE FLN THRD 2 " JDS 10	1.000 No.	413.000	413.00

Received No: 1076  
 JSPM Narhe  
 Date: 31/12  
 Time: 11:40am  
 Vehical No.: By Road  
 Name: Prady



Excise Duty Payable Rs: 113.00 E. Duty in words ( Rupees One Hundred Thirteen Only)	Sub Total	Rs	896.00
	Less Discount	Rs	
	Packing & Forwarding @ 0.00 %	Rs	0.00
	Total Ass. Value	Rs	896.00
	Total Excise Duty @ 12.50	Rs	113.00
	Edu. Cess @ 0.00 % on ED	Rs	0.00
	H&S Cess @ 0.00 % on ED	Rs	0.00
	Taxable Freight/Transport	Rs	0.00
Invoice Value: ( Rupees One Thousand One Hundred Forty Five Only)	Taxable Amount	Rs	1009.00
	MVAT @ 13.50%	Rs	136.00
		Rs	0.00
		Rs	0.00
	Freight / Octroi / Insurance	Rs	0.00
	Round off	Rs	0.00
	Invoice Value	Rs	1145.00

<b>Payment Terms</b> If payment of this bill is not received within due date, interest @ 24% P. A will be collected from you in addition to the bill amount.	<b>Material received in good condition.</b>  Receiver's Signature	 Subject to Pune Jurisdiction Only	<b>For WTE INFRA PROJECTS PVT. LTD.</b>  Authorised Signatory
---	---	---------------------------------------	---

CIN-U41000PN2011PTC140129  
Dispatch Advice by: GARGSHANA D

**TAX INVOICE**

(Rule 11 of Central Excise Rule 2002, as amended)

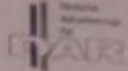
DUPLICATE FOR TRANSPOTER



**WTE INFRA PROJECTS PVT. LTD.**

Plot No.PAP-S-77,Chakan Industrial Area, Phase-II,  
Village Savardari, Tal Khed, Dist Pune-410 501

Tel : +91-9822909688 Email : accounts@watertreatmentindia.net



An ISO 9001 : 2009 Certified Company

Our VAT TIN No. : 27421148585V Our CST TIN No. : 27421148585C	Invoice No. : 10154 ECC No. : AAECK4133BEM002	Date : 28.02.2017
Range : RANGE-IV(CHAKAN-I) Code No. : 600904 Div. : Division-IV(Chakan-II) PLA No. :	Desp from : Transporter : BY HAND	Veh No. : 0
Excise Comodity : SPARE PART OF W.T. PLANT Tariff Heading No. : 84219900 Rate of Duty : 12.50% Notif. No. : WEF 01.03.15 (AS PER BUDGET 2015)	Nature of Removal : Independent Buyer Category : Industrial Consumer	Vendor Code : NOT
Customer : 46014 JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE	Consignee : 46014 JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE	
Cust.VAT/CST TIN : / Cust.ECC No. : Cust.PAN : AAATJ3522A	Consignee VAT/CST TIN : / Con.ECC No. :	
Your PO No. & Date : JSPM/NARHE/PO/2016-17 /Dt. 25.02.2017	Our ORF No. : 03330	

Sr No.	Particulars	Qty & Unit	Unit Rate Rs.	Amount Rs.
8	TEFLONE TAPE	2.000 No.	5.000	10.00
9	HEXABLADE	2.000 No.	15.000	30.00

Received by  
28/02/2017  
28/02/2017  
28/02/2017  
28/02/2017



Remark :	Sub Total	Rs.	8680.00
	Less Discount	Rs.	
Excise Duty Payable Rs : 1086.00 E. Duty in words : ( Rupees One Thousand Eighty Six Only)	Packing & Forwarding 0.00 %	Rs.	0.00
	Total Ass. Value	Rs.	8680.00
	Total Excise Duty @ 12.50	Rs.	1086.00
	Edu. Cess @ 0.00 % on ED	Rs.	0.00
	H&S Cess @ 0.00 % on ED	Rs.	0.00
	Taxable Freight/Transport	Rs.	0.00
Invoice Value : ( Rupees Eleven Thousand Eighty Four Only)	Taxable Amount	Rs.	9766.00
	MVAT @ 13.50%	Rs.	1318.00
Certified that the particulars given above are true and correct and the amount indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer		Rs.	0.00
		Rs.	0.00
We hereby certify that our registration certificate under the Maharashtra Value Added Tax Act, 2005 is in force on the date on which the sale of the goods specified in this Tax Invoice is made by us and that the transaction of sales covered by this Tax Invoice has been affected by us and it shall be accounted for in the turnover of sales while filing of return and the due tax if any payable on the sale has been paid or shall be paid	Freight / Octroi / Insurance	Rs.	0.00
	Round off	Rs.	0.00
	Invoice Value	Rs.	11084.00

**Payment Terms**  
If payment of this bill is not received within due date, interest @ 24% P. A. will be collected from you in addition to the bill amount.

Material received in good condition.  
  
Receiver's Signature



For WTE INFRA PROJECTS PVT. LTD.  
  
Authorised Signatory

||SHREE||

**TAX INVOICE**

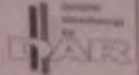
(Rule 11 of Central Excise Rule 2002, as amended)

DUPLICATE FOR TRANSPORTER

**WTE INFRA PROJECTS PVT. LTD.**



Plot No.PAP-S-77,Chakan Industrial Area, Phase-II,  
Village Savardari, Tal.Khed, Dist.Pune-410 501



An ISO 9001 : 2008 Certified Company

WTE Infra Projects Pvt. Ltd.

Tel. +91-9822909888 Email : accounts@watertreatmentindia.net

Our VAT TIN No. : 27421148585V	Invoice No. : 10154	Date : 28.02.2017
Our CST TIN No. : 27421148585C	ECC No. : AAECK4133BEM002	
Range : RANGE-IV(CHAKAN-I) Code No. : 600904	Desp.from	Veh.No. : 0
Div : Division-IV(Chakan-II) PLA No. :	Transporter : BY HAND	
Excise Comodity : SPARE PART OF W.T. PLANT	Nature of Removal : Independent Buyer	
Tariff Heading No. : 84219900	Category : Industrial Consumer	Vendor Code : NOT
Rate of Duty : 12.50%	Date & Time of Preparation : 28.02.2017 18.29	
Notif. No. : WEF 01.03.15 (AS PER BUDGET 2015)	Date & Time of Removal : 28.02.2017 18.44	
Customer : 46014 JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE	Consignee : JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE	46014

Cust.VAT/CST TIN : /	Consignee VAT/CST TIN : /
Cust.ECC No. :	Con.ECC No. :
Cust.PAN : AAATJ3522A	Our ORF No. : 03330

Your PO No. & Date : JSPM/NARHE/PO/2016-17 /Dt. 25.02.2017		Qty & Unit	Unit Rate Rs	Amount Rs
Sr. No.	Particulars			
1	CHEMICAL CAUSTIC SODA	2.000 kg	385.000	770.00
2	CHEMICAL CITRIC ACID	2.000 kg	350.000	700.00
3	CHEMICAL HYDROCHLORIC ACID	2.000 kg	50.000	100.00
4	CHEMICAL SODIUM LOARY SULPHATE	1.000 kg	520.000	520.00
5	CHEMICAL EDTA	1.000 Kg.	600.000	600.00
6	CARTRIDGE FILTER 4X20	4.000 No.	800.000	3200.00
7	CHEMICAL ANTISCALENT A - 101 SI	5.000 Ltr.	550.000	2750.00

Remark :	Sub Total	Rs	
	Less Discount	Rs	
	Packing & Forwarding 0.00 %	Rs	
	Total Ass. Value	Rs	
	Total Excise Duty @ 12.50	Rs	
	Edu. Cess @ 0.00 % on ED	Rs	
	H&S Cess @ 0.00 % on ED	Rs	
	Taxable Freight/Transport	Rs	

Invoice Value :	Taxable Amount	Rs	
	MVAT @ 13.50%	Rs	
		Rs	
		Rs	
	Freight / Octroi / Insurance	Rs	
	Round off	Rs	
	Invoice Value	Rs	

<p><b>Payment Terms:</b> If payment of this bill is not received within due date, interest @ 24% P. A will be collected from you in addition to the bill amount</p>	<p><b>Material received in good condition.</b></p> <p><i>[Signature]</i> Receiver's Signature</p>	<p>Subject to Pune Jurisdiction Only</p>	<p><b>For WTE INFRA PROJECTS PVT. LTD.</b></p> <p><i>[Signature]</i> Authorised Signatory</p>
---	---	--	---



||SHREE||

**TAX INVOICE**

(Rule 11 of Central Excise Rule 2002, as amended)

DUPLICATE FOR TRANSPORTER

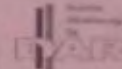
**WTE INFRA PROJECTS PVT. LTD.**



WTE Infra Projects Pvt. Ltd.

Plot No.PAP-S-77,Chakan Industrial Area, Phase-II,  
Village Savardari, Tal.Khed, Dist.Pune-410 501

Tel : +91-9822909688 Email : accounts@watertreatmentindia.net



An ISO 9001 : 2008 Certified Company

Our VAT TIN No. : 27421148585V	Invoice No. : 10162	Date : 03.03.2017
Our CST TIN No. : 27421148585C	ECC No. :AAECK4133BEM002	
Range RANGE-IV(CHAKAN-I) Code No. : 600904	Desp from :	Veh No. : 0
Div. Division-IV(Chakan-II) PLA No	Transporter : BY HAND	
Excise Comodity :SPARE PART OF W.T. PLANT	Nature of Removal : Independent Buyer	
Tariff Heading No. : 84219900	Category : Industrial Consumer	Vendor Code : NOT
Rate of Duty : 12.50%	Date & Time of Preparation : 03.03.2017 17.18	
Notif. No. WEF 01.03.15 (AS PER BUDGET 2015)	Date & Time of Removal : 03.03.2017 17.33	
Customer : 46014 JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE	Consignee : 46014 JSPM GROUP OF INSTITUTE NARHE CAMPUS,PUNE	
Cust.VAT/CST TIN : /	Consignee VAT/CST TIN : /	
Cust ECC No. : /	Con.ECC No. : /	
Cust PAN : AAATJ3522A		
Your PO No. & Date : JSPM/NARHE/PO/2016-17 /Dt. 25.02.2017	Our ORF No. : 03330	

Sr. No.	Particulars	Qty & Unit	Unit Rate Rs	Amount Rs
1	MULTI PORT VALVE 25 NB FILTER TOP MOUTED	1.000 No.	3500.000	3500.00

Received No. 1844  
JSPM Narhe Campus -  
Date - 04/03/17  
Time - 03:50 PM  
Vehical No. By Hand  
Sachin D. Mahabales  
Name -  
Kamal  
(Security) *[Signature]*



Remark	Sub Total	Rs	3500.00
	Less Discount	Rs	
Excise Duty Payable Rs 438.00 E Duty in words : ( Rupees Four Hundred Thirty Eight Only)	Packing & Forwarding 0.00 %	Rs	0.00
	Total Ass. Value	Rs	3500.00
Invoice Value : ( Rupees Four Thousand Four Hundred Seventy Only)	Total Excise Duty @ 12.50	Rs	438.00
	Edu. Cess @ 0.00 % on ED	Rs	0.00
Certified that the particulars given above are true and correct and the amount indicated represents the price actually charged and that there is no tax of additional consideration directly or indirectly from the buyer	H&S Cess @ 0.00 % on ED	Rs	0.00
	Taxable Freight/Transport	Rs	0.00
We hereby certify that our registration certificate under the Maharashtra Value Added Tax Act, 2002 is in force on the date on which the sale of the goods specified in this Tax Invoice is made by us and that the transaction of sales covered by this Tax Invoice has been effected by us and it shall be accounted for in the turnover of sales while filing of Return and the tax as if any payable on the same has been paid or shall be paid.	Taxable Amount	Rs	3938.00
	MVAT @ 13.50%	Rs	532.00
Payment Terms If payment of this bill is not received within due date, interest @ 24% P.A. will be collected from you in addition to the bill amount.	Freight / Octroi / Insurance	Rs	0.00
	Round off	Rs	0.00
Material received in good condition <i>[Signature]</i> Receiver's Signature	Invoice Value	Rs	4470.00
	For WTE INFRA PROJECTS PVT. LTD <i>[Signature]</i> Authorized Signatory		

CIN-U41000PN2011PTC146129



TAX INVOICE  
Rule 11 of Central Excise 2002 as amended

Duplicate for Transporter

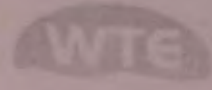
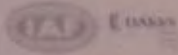
WTE Infra Projects P. Ltd.

Works: PAP S-77, Nr. Bridgestone Company, MIDC Ph-II - Chakan, Village Sawardari, Tq. Khed,  
Pune - 410501-INDIA

STD 020

E-Mail: pak@watertreatmentindia.net/Accounts@watertreatmentindia.net  
Contact No: +91 9822909688

FOC



Range: IV(CHAKAN-IX)	Invoice No: INVDM1718000073	Date: 05/06/2017
Division: IV(Chakan-II)	Date Of Removal: 08/06/2017	
ECC No: AAECKN4133SEM002	Time Of Removal: 12:50	
Commissionerate: Pune-II	S O No. & Date: SOSER1718000111-05/06/2017	
Vat TIN: 27421148585V	P O No. & Date:	
Cat No:	Proj. Engineer:	

<b>Name &amp; Address of Consignee:</b> J0020 - Jspm Group Of Institute Narhe Campus Pune Katraj	<b>Name &amp; Address of Buyer:</b> J0020 - Jspm Group Of Institute Narhe Campus Pune-Katraj Pune - Vat No.: ECC No:
Division: ECC No: Collectorate:	Tariff Heading: 84219900 LR No: Transporter Name: BY ROAD Nature of removal: Industrial Consumer Ex Comodity: 84219900
Vat No.: Date: Cat No.: Date:	Vehicle No: Date: Category: Independ Buyer Ex Notfn No:

Sr. No	Description of the Material(s)	UOM	Quantity	Rate	Basic Amount
1	RMCMCH0017 - CAUSTIC SODA - Service & Spares Project No - SER0108	KG	3.000	350.00	1,050.00
2	RMCMCH0018 - CITRIC ACID Project No - SER0108	KG	3.000	450.00	1,350.00
3	RMCMCH0019 - SODIUM LOARY SULPHATE Project No - SER0108	KG	0.500	520.00	260.00
4	RMCMCH0020 - HYDROCHLORIC ACID Project No - SER0108	LTR	5.000	50.00	250.00
5	RMCMCH0025 - EDTA Project No - SER0108	KG	1.000	600.00	600.00

Excise	P & F	Excise	438.00	Total:	3,510.00
Aed	Freight	Vat / Cat	533.14	Excise	12.50%
Others		Freight			
Insurance	Others	Srvicetax		Total Excise Duty	439.00
Tcs	R. Off	Round off Amt	-0.14	VAT / CST	13.5%
Narration:					
Bond No.:		Type of Form	NIL FORM	Grand Total:	4,482.00
Total Excise Duty (in words):	Rupees Four Hundred Thirty-nine Only				

Total Amount Chargable in words: Rupees Four Thousand Four Hundred Eighty-two Only.

*Handwritten:* 2513  
05/06/17



I/We hereby certify that regular registration certificate under the Maharashtra Value added tax act 2002 is in force on the date of the sale of goods specified in this "Tax Invoice" and that the transaction of sale covered by this "Tax Invoice" has been effected by means and it shall be accounted for the turnover while filing of return and the tax, if any, payable on the sale has been paid or shall be paid.

If payment of this bill is not received within 15 days of the date of issue of this bill, the amount of this bill shall be collected from you in addition to the bill amount.

Subject to Pune Jurisdiction Only

Certified that the particulars given above are true and correct and the amount represents the price actually charged and there is no flow of additional consideration directly or indirectly.

Goods received in good condition as per bill

*Handwritten:* 10/06/17

For WTE Infra Projects P. Ltd.

*Handwritten Signature:* [Signature]

Multinorm Signatory

*Handwritten:* 10/06/17

Page 1 of 1