



TAMIL NADU PHYSICAL EDUCATION AND SPORTS UNIVERSITY

Melakottaiyur, Chennai-127

CRITERION 7 – INSTITUTIONAL VALUES AND SOCIAL RESPONSIBILITIES

KEY INDICATOR: 7.1

7.1.2: The Institution has facilities for alternate sources of energy and energy conservation measures:

Bill for the Purchase of Equipment's for the Facilities Created under this Matric

1.Bill for Biogas Plant

INVOICE

VNS ENVIRO BIOTECHQ PVT LTD.

VNS ENVIRO BIOTECHQ
Registered Office: No. 20, Gandhi Nagar, 1 Main Road, Madhavaram, Chennai - 600 031. Tel: 044-26111111
Fax: 044-26111111 Email: info@vnsenviro.com Web: www.vnsenviro.com www.vnsenviro.org

GSTIN No: 33AADCV1606K121		Transportation Mode: Road	
Tax is payable on Reverse Charge: (Yes/No)		Vehicle No.	
Invoice No: VNS119/20-21		Date & Time of Supply:	
Date: 22.09.2020		Place of Supply:	
Vendor PONo:		Date:	
Details of Receiver		Details Of Consignee (Shipped To)	
The Registrar Tamilnadu Physical Education & Sports University Melakottaiyur, Chennai – 600 127			
State: TAMIL NADU		State: TAMIL NADU	
GSTIN No.: 33AAAGT0207K12K		State Code: 33	
State Code: 33		State Code: 33	

S. NO	Description of goods	HSN code	Qty	UOM	Rate	Total	Dis count	Taxabl e value	CGST		SGST		IGST		
									Rate	Amt	Rate	Amt	Rate	Amt	
1.	SUPPLY OF BIOGAS PLANT 20KG PER DAY (Food Waste)	841989	1	NO	36190	36190		36190	2.5%	905.00	2.5%	905.00			
Total								36190		905.00		905.00			
Invoice Value in words:								TOTAL				38000.00			
Rupees THIRTY EIGHT THOUSAND ONLY								Freight Charge							
								Round Off							
								Invoice Total				38000.00			
Amount of Tax Subject to Reverse Charge								Electronic Ref.No.							
Certified that the particulars given above are true and correct															
Declaration															
This invoice issued in adjustment to Original															
Invoice No								For VNS ENVIRO BIOTECHQ PVT LTD							
Date:								Authorised Signatory							
Terms & condition															


Registrar

Tamilnadu Physical Education
and
Sports University
Chennai - 600 127.



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Ref : VNS/Biogas/047B/20
Date : 13 March, 2020

To : The Registrar
Tamilnadu Physical Education & Sports University
Melakottaiyur, Chennai – 600 127
Email: regtnpesu@gmail.com

Dear Sir,

Sub: Submission of Quotation for 20 Kgs per day Biogas system for Thermal Application.

We refer to the telecon on the above subject and as per the discussions we are pleased to submit our quotation as under for setting up Biogas Plant out of Food Waste of 20 Kg / Day:

(a) AREA REQUIRED FOR SETTING UP THE BIOGAS PLANT [2.0M³]

6.0 Ft (Length) x 5.0 Ft (Breadth) x 5.0 Ft Height

(b) DETAILED LIST OF EQUIPMENTS PER PLANT [2.0M³ / DAY]

S.No	Name of the Equipment	Technical Specification	Quantity	Scope of Supply	
				VNS	Client
1	2.0 M ³ /Day Biogas Plant - FRP Digester & Biogas holder	1.6M ³ Digester thickness 4.0 mm 1.21M ³ Gas Holding thickness 4.0 mm	1	✓	
2	Biogas Burner	Single Stove	1	✓	
3	Gas Pipeline	Nylon threaded gas hose pipeline & Ball valve connection	Up to 5 Meters Max.	✓	
4	Installation and commissioning	As required	Lot	✓	
5	Water line and cow dung feeding to biogas plant	Cow Dung + Water Content (1:1 Ratio)	Lot		✓
6	Civil Platform / Earth Excavation	As required	Lot		✓
7	Initial cow dung feeding to biogas plant for First gas generation	600 Kg to 750 Kg	Lot		✓

VNS ENVIRO BIOTECHQ PVT LTD.
For EFFLUENT, SOLID WASTE, BIOGAS PLANT & WATER TREATMENT



CRITERION 7 – INSTITUTIONAL VALUES AND SOCIAL RESPONSIBILITIES

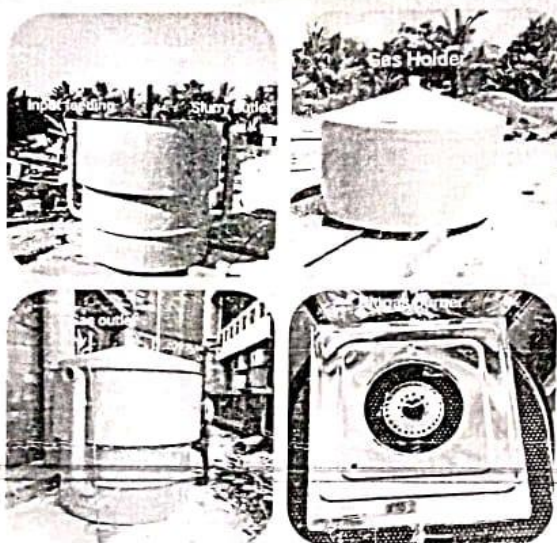
VNS ENVIRO BIOTECHQ

VNS ENVIRO BIOTECHQ PVT LTD.

Registered Office: No.20, Eaneshi Nagar, T. Main Road, Madhavaram, Chennai - 600 091, Tamilnadu, India

Tel : 91-44 65392374 / 42833863 Email : info@vnsenviro.com web : www.vnsenviro.com | www.vnsenviro.org

(c) MODEL PHOTO OF THE PROPOSED BIOGAS PLANT



(d) TECHNICAL SPECIFICATION FOR 2.0M³ / DAY OF BIOGAS PLANT

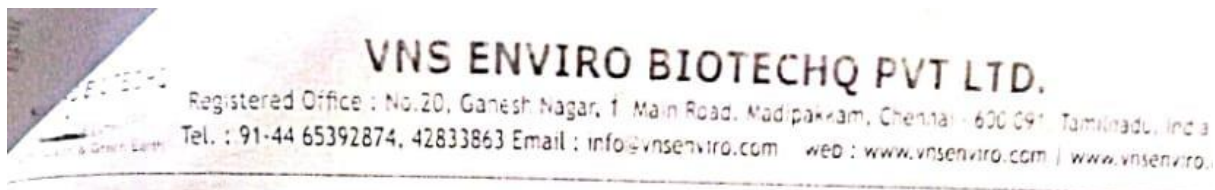
BiogasPlantModel	Specifications
Biogas Plant Type	FRP – Biogas plant- Water seal model
Feedstock	20KG/Day Food Waste
Bio-DigesterOutput	
Biogas production(M ³ /day)	~2
Average Gas Calorific Value (Kcal/NM ³)	~4,700
Organic Manure Generated (Lit/Day)	~25 to 35
BiogasEquivalenttoLPG	
2.0M ³ Biogas equivalent to LPG (kg/day)	~ 0.7 to 0.9
2.0M ³ Biogas equivalent to LPG (kg/Month)	~21 to 27



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(e) PRICING DETAILS PER PLANT [2.0M³/DAY]

S.No	Particulars	Cost (Rs.) per Plant
1	✓ 2.0M ³ /Day Biogas Plant –FRP Water seal model	40,000.00
2	✓ Biogas Burner – Single Stove [1 No.]	
3	✓ Nylon threaded gas hose pipeline connection & Ball valve connection (Up to 5 meters maximum)	
4	✓ Installation and commissioning	
Total Amount		40,000.00

(f) RETURN ON INVESTMENT (R O I) :

- ✓ 2.0M³ X 30 days = 60M³/Month
- ✓ 60M³ = 27KG of LPG
- ✓ Domestic Cylinder Weight 14.5Kg,
- ✓ So, 27Kg/14.5Kg= 01.86 Cylinder Saved per Month
- ✓ Domestic Cylinder cost(Rs) = 1000
- ✓ 1.86 X Rs.1000 = Rs.1860 savings per month
- ✓ Total Savings per year [Rs.1860/- X 12] = Rs.22,320

(g) COMMERCIAL TERMS:

PRICE: Inclusive of installation and commissioning charges, *freight charges shall be extra at actual*; GST will be charged extra as applicable at the time of supply. Current rate of GST shall be 5%.

SCOPE: All the equipment will be erected by our Engineer; and shall train your team for a period of 2-3 days to familiarize operation. As a buyer, you will have to arrange –

- Foundations / Excavation of land required for positioning of Biogas Plant at site
- Water Line to Biogas Plant for feeding; and
- Initial cow dung feeding to biogas plant for First gas generation

Payment Terms: 90% to be paid as advance along with your firm order and balance 10% to be paid on completion of erection and handing over of plant.

Delivery: Within 4-6 weeks from the date of receipt of firm order along with advance.

Validity: Our offer is valid for 30 days from the date of this offer.



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Guarantee: The equipment being supplied are guaranteed against manufacturing defects and faulty workmanship for a period of 8 months from the date of erection and handing over of plant or 12 months from the date of supply of items at site, whichever occurs earlier. Our liability will be restricted to repairs and replacement of defective parts only.

We hope, our offer meets with your requirement; and in case you require any further clarification / confirmation, we shall provide the same on hearing from you.

For VNS ENVIRO BIOTECHQ PVT. LTD,

S.Nagarajan,
Chief Executive Officer

Mobile # 9940189451



CRITERION 7 – INSTITUTIONAL VALUES AND SOCIAL RESPONSIBILITIES

2. Bill for LED bulbs

Certified that the above electrical items were purchased by me from the advance received and entered in the Register section, Purchase Expenditure 4.11.22

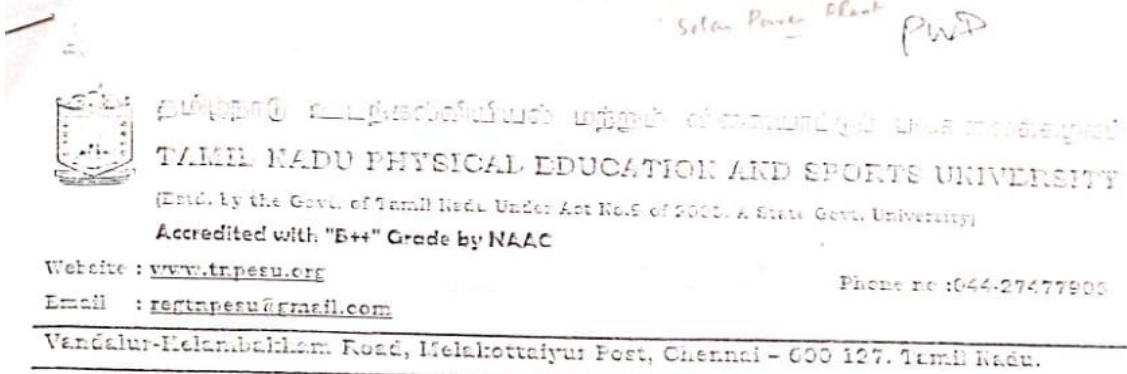


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3. Bill for Solar Power Plant



Dr.V.Gopinath

Registrar

O.P.No /2020/R2/Regr/Unutilized amount /PWD

dated 28.06.2020

To

The Executive Engineer

Technical Education Division

Public Works Department

Guindy, Chennai. 600 022.

Sir,

Sub: Tamil Nadu Physical Education and Sports University-
Construction works in this University- Funds Deposited- unutilized amount-
remittance requested- regarding.

Ref: Your letter no. 379/AB/A2TNPESU* dated 20.07.2020.

With reference to above, I am by direction to state that the unutilized amount of Rs. 40,80,206(Rupees Forty lakhs eighty thousand and two hundred six only) available with you may be utilized for undertaking the following pending civil works in the buildings which are furnished below.

2. I am by direction to furnish the details of work proposed to be taken up on each item and request you to prepare detailed estimates for carrying out these works and send the same to this University for approval immediately.

V. G





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Sl. No	Description of the work sanctioned by Government/University	Amount unutilized Rs.	Description of the proposed works to be taken up now
1	Construction of administrative block, ladies hostel, gents hostel, staff quarters, peripheral wall for VC and Regr quyarterns and development of play fields	1,67,443	.Stone benches in the to be women hostel(old gents Hostel)
2	Construction of Sports Science Centre	3,63,454	1,Provision of sink and pipe line in the Yoga Centre 2 Two Mobile Security rooms
3	Construction of Camping Centre	1,73,405	Construction of gallery and stage for the camp program
4	Standardization of play fields, construction of multi purpose indoor stadium, library hall, conference hall, research laboratories, meditation hall, canteen and providing link road	20,88,791	Installation of Solar panel /plant in top of the library building
5	Construction of additional class rooms, I Second floor in Gents Hostel and second floor in Girls Hostel	11,40,981	Provision of rain water harvesting or Sewage Treatment p0lant in the Academic, Gents hostel and ladies hostel, 2. White wash to the mess hall in the Gents and Girls Hostel.
Total		38,34,025	

I am therefore request you to furnish the detailed estimates for the above left over works indicated in Sl.No. 1 to 5 of the statement above to this University for approval.

I am also to state that the unutilized amount available with you in respect of the following items of work may kindly be remitted to the

V. P. S.



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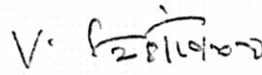
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University account immediately and intimate the same. The details of the University Account No, the Bank name etc are given below

Sl. No	Description of the work sanctioned by Government/University	Amount unutilized Rs.
1	Construction of laboratory for Sports Technology	21,820
2	Construction of GYM	26,504
3	Construction of front arch	90,752
4	Improvements in the Mess hall and hostel wash area and health centre partition	3,106
	Total	1,44,152.00

- (i) Name of the Bank : Indian Bank, Nallambakkam Branch
- ii) Bank Account No : 6484830492
- iii) MICR No : 600019111
- iv. IFSC Code No : IDIB 000 No 56. IDIB 000N056

Yours faithfully

V. 
Registrar

V. 



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