



INSTITUTIONAL DEVELOPMENT PLAN
National Agricultural Higher Education Project
Sri Karan Narendra Agriculture University

Jobner-303329, Distt. Jaipur (Rajasthan)

Phone: 01425-254022; Email ID: pi.nahep@sknau.ac.in



No: SKNAU/NAHEP/Proc./2022-23/14
Ref. No.: SKNAU/NAHEP/Proc./2022-23/12 dated 17.09.2022

Date: 10/10/2022

Activity No.: IN-SKNAU-JOBNER-179068-GO-RFQ/ Incinerator

Comparative Statement for Procurement of Incinerator

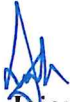
Detailed Technical Specifications of Incinerator as per Annexure- I

Table with 5 columns: Particulars, M/s- Eco Hygiene, M/s- S R Energies, M/s- Bijson Innovations Pvt. Ltd., M/s- Lekki Industries. Rows include delivery terms, installation, GST registration, authorization, quantity, place of delivery, quotation, and total cost.

- 1. Firm at Sr. No. (01) i.e. M/s Eco Hygiene 3A, Tilak Bhawan, Tilak Marg C-Scheme, Jaipur, (02) M/s S R Energies 104, Vivek Vihar, New Sanganer Road, Jaipur, (03) M/s Bijson Innovations Pvt. Ltd.37, Shalimar Bagh, Chitrakoot Marg, Ajmer Road, Jaipur and (04) M/s Lekki Industries, H-15, Chitrangan Marg, C

Handwritten signatures and initials in blue ink.

Scheme, Jaipur are found technically responsive and firm at Sr. No. (01) M/s Eco Hygiene 3A, Tilak Bhawan, Tilak Marg C-Scheme, Jaipur has quoted lowest rate (L₁) for supply of Incinerator which may be approved.



(D. K. Jajoria)
Associate. Prof. (Agronomy)



(S. K. Sharma)
Assistant Prof. (Comp. Sci.)



(Priyanka Kumawat)
Assistant Prof. (Agronomy)

The recommendation of technical committee for M/s Eco Hygiene 3A, Tilak Bhawan, Tilak Marg C-Scheme, Jaipur for supply of Incinerator having lowest quoted rate (L₁) may be approved.



(Sheela Kharkwal)
Member



(Ram Kunwar)
Member



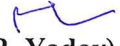
(Chiranjeev Kumawat)
Member



(Sachin Wandkar)
Member



Member & Comptroller
Nominee



(L. R. Yadav)
Procurement Officer



(A. K. Gupta)
PI, IDP- NAHEP & Dean



10/10/22

ANNEXURE- I

Specifications of Incinerator

- Type of Incinerator: Electric solid waste incinerator
- Suitable for: Non-bio-degradable and non-recyclable laboratory waste, kitchen waste and industrial waste
- Capacity: 200 kg/day
- Working Temperature: 650° C to 950° C
- Type and capacity of heater: 10 kW ceramic heater with temperature sensors and auto cut-off
- Material: Metallic body with at least 9” Ceramic Board/Ceramic Wool Insulation having temperature rating of 1400° C
- Other: Air scrubbing and filtration to remove the fly ash before the flue gas is let into the atmosphere at a height of 30 feet from ground level
- The emission from the incinerator must comply to the standards set by Central Pollution control board from time to time as given below:

Treated flue gas emissions discharge through stack to atmosphere shall always be less than or equal to the following parameter-specific emission standards:

Particulates	50 mg/Nm ³	Standard refers to half hourly average value
HCl	50 mg/Nm ³	Standard refers to half hourly average value
SO ₂	200 mg/Nm ³	Standard refers to half hourly average value
CO	100 mg/Nm ³ 50 mg/Nm ³	Standard refers to half hourly average value Standard refers to daily average value
Total Organic Carbon	20 mg/Nm ³	Standard refers to half hourly average value
HF	4 mg/Nm ³	Standard refers to half hourly average value
NO _x (NO and NO ₂ expressed as NO ₂)	400 mg/Nm ³	Standard refers to half hourly average value
Total dioxins and furans	0.1 ng TEQ/Nm ³	Standard refers to 6-8 hours sampling. Please refer guidelines for 17 concerned congeners for toxic equivalence values to arrive at total toxic equivalence.
Cd + Th + their compounds	0.05 mg/Nm ³	Standard refers to sampling time anywhere between 30 minutes and 8 hours.
Hg and its compounds	0.05 mg/Nm ³	Standard refers to sampling time anywhere between 30 minutes and 8 hours.
Sb + As + Pb + Cr + Co + Cu + Mn + Ni + V + their compounds	0.5 mg/Nm ³	Standard refers to sampling time anywhere between 30 minutes and 8 hours.

Note: All values corrected to 11% oxygen on a dry basis.


Dr Dinesh Kumar Jajoria
Associate Professor
Department Agronomy
SKN College of Agriculture JOBNER
SKNAU JOBNER 503329