NAHEP

INSTITUTIONAL DEVELOPMENT PLAN

National Agricultural Higher Education Project

Sri Karan Narendra Agriculture University

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No: SKNAU/NAHEP/Proc./2022-23/14 Date: 10/10/2022

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

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

Comparative Statement for Procurement of Incinerator

Detailed Technical Specifications of Incinerator as per Annexure- I

Particulars	Firms			
	M/s- Eco Hygiene, 3A, Tilak Bhawan, Tilak Marg C-Scheme, Jaipur, Rajasthan (1)	**M/s- S R Energies,** 104, Vivek Vihar, New Sanganer Road, Jaipur, Rajasthan (2)	**M/s- Bijson Innovations Pvt. Ltd.** 37, Shalimar Bagh, Chitrakoot Marg, Ajmer Road, Jaipur, Rajasthan (3)	**M/s- Lekki Industries,** H-15, Chitranjan Marg, C Scheme, Jaipur, Rajasthan (4)
Delivery terms as specified (Yes/No)	Yes	Yes	Yes	Yes
Installation/ demo included (Yes/No)	Yes	Yes	Yes	Yes
GST registration/ PAN No. submitted (Yes/No)				
Authorization Certificate/Letter from manufacturer submitted (Yes/No)	Yes	Yes	Yes	Yes
Quantity specified (Yes/No)	Yes	Yes	Yes	Yes
Place of Delivery specified (Yes/No)	Yes	Yes	Yes	Yes
Quotation technically responsive (Yes/No)	Yes	Yes	Yes	Yes
Quoted unite rate in Rs. with GST	834745.00 + 18% Tax	852000.00 +18% Tax	850000.00 +18% Tax	845000.00 +18% Tax
Quantity (No.)	01	01	01	01
Total cost (Rs.) including GST	834745.00 +150254.00 = **984999.00**	852000.00 +153360.00 = **1005360.00**	850000.00 + 153000.00 = **1003000.00**	845000.00 + 152100.00 = **997100.00**

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, Chitranjan Marg, C

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 (L_1) 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 (L_1) may be approved.

(Sheela Kharkwal)
Member

(Ram Kunwar)
Member

(Chiranjeev Kumawat)
Member

(Sachin Wandkar)
Member

Member & Comptroller
Nominee

(L. R. Yadav)
Procurement Officer

10/10/22

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

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
SO2	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
NOx (NO and NO2 expressed as NO2)	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.

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