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GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
TECHNOLOGY TRANSFER & COLLABORATION DIVISION

Technology Transfer of "NISARGRUNA, a Biogas plant"

BARC is a premier multidisciplinary R&D organization under the Department of Atomic Energy, Government of India engaged in research with the objective of generating knowledge in various field of science and technology. BARC has developed "Nisargruna- a biogas plant based on biodegradable (kitchen) waste" technology during its R&D activities. The technology is well proven through several functional plants of varying capacities in India. **M/s Planet Environment Services Pvt Ltd, Kolhapur, Maharashtra, located at Flat No 3, Raviraj Apartment, Baburao Salokhe Park, Behind ITI, Kolhapur 416012, have expressed interest in transfer of this technology to them for the purpose of constructing, operating and/or maintaining the Nisargruna plant(s).**

The technology is being transferred on the following broad terms and conditions to **M/s Planet Environment Services Pvt Ltd, Kolhapur** on **27** day of **NOVEMBER** 2019.

1. The license to utilize the know-how is **non-exclusive** and **perpetual** in nature. The know-how shall be treated as **confidential** and cannot be communicated to any other party/legal entity by the Transferee (i.e. **M/s Planet Environment Services Pvt Ltd, Kolhapur**).
2. The Transferee shall pay **Technology Transfer fee of Rs.25,000/-** to BARC in the form of DD payable to "**Accounts Officer, BARC**". (In addition, applicable GST is to be paid by the transferee using their registration number @12% on RCM basis as per Section 9(3) of CGST Act)
3. BARC shall hand over a **guideline document** to the transferee after signing this agreement. The "Guideline Document for setting up NISARGRUNA- A biogas plant based on Biodegradable Waste" has been prepared as a guideline document for setting-up of a biogas plant based on biodegradable waste. The fabrication, operation, commissioning and maintenance details provided for **1 ton/day capacity** plant will help as a guideline to industrial consultants to generate detailed engineering and fabrication drawings for plants of different capacities.
4. BARC shall provide **technical guidance and advice** for the **first plant** being set-up by the Transferee.



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5. For the **first plant to be installed**, the Transferee shall seek approval from BARC for the selected location of the plant as well as for final engineering drawings after getting clearance and funding from the user agency.

6. The Transferee shall submit a **feedback** regarding progress of technology implementation to BARC every six months and seek advice from BARC from time to time. Once a plant is commissioned, a detailed report about the quantity and nature of waste material treated shall be submitted regularly.

7. Display of board - A clearly visible board "Nisargruna plant installed by M/s Planet Environment Services Pvt Ltd, under license from BARC" shall be erected at each and every plant built by the Transferee.

8. The transferee shall be responsible for all statutory local clearances as well as safety precautions and measures required for production, storage and use of biogas from the plant.

Encl: Guideline document for setting up NISARGRUNA a Biogas Plant based on Biodegradable waste.

For and on behalf of
**Bhabha Atomic Research Centre,
Mumbai**

Sign

Name and Seal

डॉ. अमर बनर्जी / Dr. Amar Banerji
अध्यक्ष, प्रौद्योगिकी हस्तांतरण एवं सहयोग प्रभाग
Head, Technology Transfer & Collaboration Division
भाभा परमाणु अनुसंधान केंद्र / Bhabha Atomic Research Centre
भारत सरकार / Government of India
ट्रॉम्बे, मुंबई-400 085 / Trombay, Mumbai - 400 085.

Witness

1. Signature N-V. Ichalap

Name Dr N V KHALAP
TTCW, BARC

2. Signature

डॉ. पी. सुप्रसन्ना / Dr. P. SUPRASANNA
अध्यक्ष, नाभिकीय कृषि एवं जैव-पौद्योगिकी प्रभाग
Head, Nuclear Agriculture & Biotechnology Division
भाभा परमाणु अनुसंधान केंद्र / Bhabha Atomic Research Centre
भारत सरकार / Government of India
ट्रॉम्बे, मुंबई - 400 085. / Trombay, Mumbai - 400 085.

For and on behalf of
**M/s Planet Environment Services Pvt Ltd,
Kolhapur**
Planet Environment Services Pvt. Ltd.

Sign

Name and seal

NIYAAZ SARDAR ATTAR



Witness

1. Signature Rafik

Name RAFIK SIKANDAR PENDHARI

2. Signature

Name SAMEER GULAB ATTAR