

MSME TECHNOLOGY CENTRE,
KOLKATA

Invites

Expression of Interest (EoI)

For

Technology Transfer for Commercial
Production of
Non-Invasive CPAP Type Ventilator

Issuer

MSME TECHNOLOGY CENTRE, KOLKATA
(Central Tool Room & Training Centre)
Ministry of Micro, Small & Medium Enterprises
Govt. of India

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INTRODUCTION

COVID-19 spurs demand for ventilation Technologies. In order to cater to the growing needs, MSME TECHNOLOGY CENTRE, KOLKATA has developed **Non-Invasive CPAP Type Ventilator**.

It works on the principles of ventilation with safety features and advanced circuitry. MSME Technology Centre, Kolkata invites sealed “Expression of Interest” (EOI) from interested MSMEs/Startups with Udyog Aadhar/ companies for up taking the technology from MSME Technology Centre, Kolkata to manufacture (Controller with circuit provided by MSME Technology Centre, Kolkata), market and sell/service “**Non-Invasive CPAP Type Ventilator**” on a non-exclusive basis.

BRIEF ABOUT MSME TECHNOLOGY CENTRE, KOLKATA

Central Tool Room & Training Centre (CTTC) Kolkata had been established in the year 1978 under the Technical Co-operation Programme between Government of India and Government of Denmark. In order to provide greater autonomy, the Centre was established as a Govt. of India Society. The Management of affairs of the Centre rests with the Governing Council constituted by Govt. of India. Additional Secretary & Development Commissioner (MSME), Ministry of Micro, Small & Medium Enterprises, Govt of India is the President of the Society and Chairman of its Governing Council.

BRIEF DESCRIPTION ABOUT THE PRODUCT TECHNOLOGY/PROTOTYPE TO BE TRANSFERRED

In wake of corona virus, can cause lung complications such as pneumonia and, in the most severe cases, acute respiratory distress syndrome, or ARDS. The pneumonia that COVID-19 causes tends to take hold in both lungs. Air sacs in the lungs fill with fluid, limiting their ability to take in oxygen and causing shortness of breath, cough and other symptoms. In this context, MSME TECHNOLOGY CENTRE, KOLKATA has developed “**Non-Invasive CPAP Type Ventilator**”.

The ventilator is equipped with a controller and other relevant components for efficient ventilation. It is easy to install /operate and it requires very less maintenance. This product is totally controlled by IOT. This product is ideal for hospitals.

STATUS OF THE PRODUCT/TECHNOLOGY

MSME TECHNOLOGY CENTRE, KOLKATA developed a prototype model, a fully deployable unit with user manual (As per CE & US FD7 Standards).

DELIVERABLES IN TRANSFER OF TECHNOLOGY PACKAGE

Production documents with User Manual. Only Controller with circuit will be provided by MSME TECHNOLOGY CENTRE, KOLKATA.

SCOPE OF WORK

The institute seeks for selection of MSMEs/Startups with Udyog Aadhar/ companies for technology transfer for mass production, sales and marketing of “**Non-Invasive CPAP Type Ventilator**”. The technology will be transferred to the competent firm for the commercial production, sales and marketing of the developed **Non-Invasive CPAP Type Ventilator** and an agreement shall be signed between MSME TECHNOLOGY CENTRE, KOLKATA & the competent firm.

The competent firm selected as TOT partner shall be responsible for:

- ⇒ Produce the product based on the documents provided by MSME TECHNOLOGY CENTRE, KOLKATA.
- ⇒ Marketing, selling and installation of the product.
- ⇒ Provide customer support/warranty after the products sold.
- ⇒ Have facilities for Assembly and testing of the system.

MSME TECHNOLOGY CENTRE, KOLKATA shall be responsible for:

- ⇒ Provide production documents to the TOT partner
- ⇒ Facilitate testing of one unit produced by the TOT partner.
- ⇒ MSME TECHNOLOGY CENTRE, KOLKATA will provide the Controller with circuit.
- ⇒ If testing unit cannot be transported, MSME TECHNOLOGY CENTRE, KOLKATA can facilitate the testing with the help online platforms

DOCUMENTATION

The ToT Partner is expected to prepare detailed documents for production in consultation with MSME TECHNOLOGY CENTRE, KOLKATA, however the final production documentation is entirely the responsibility of TOT partner.

GENERAL TERMS AND CONDITIONS OF EOI

MSME TECHNOLOGY CENTRE, KOLKATA invites “Expression of Interest” (EOI) in the format given in Annexure-1. The industries will be shortlisted based on the information furnished in Annexure – I and assessment by the committee.

- ⇒ This invitation of EOI will be open till 20th of July, 2020. Expression of Interest submitted before the specified end date will be evaluated within stipulated time.
- ⇒ A competent committee will scrutinize the applications for follow-up action. The applicants may be called for a presentation regarding their strengths and business proposal.
- ⇒ The minimum turnover of the organization in last three years and strengths/capabilities as one of the eligibility criteria for short listing of the applicants.

- ⇒ Participation in this EOI does not guarantee any association with MSME TECHNOLOGY CENTRE, KOLKATA unless notified by MSME TECHNOLOGY CENTRE, KOLKATA in writing.
- ⇒ The technology is offered on a non exclusive basis. One agency may be shortlisted per state, if they agree to the terms and conditions as specified in the agreement. The agreement will be sent to the shortlisted agencies.
- ⇒ The shortlisted competent firm will have to enter into an agreement with MSME TECHNOLOGY CENTRE, KOLKATA after which production can be started.
- ⇒ There will be a onetime technology transfer fee of ₹1,50,000.00 (INR Rupees One Lakh & Fifty Thousand Only), which needs to be paid by the TOT Partner during signing of agreement. There will be royalty charges which shall be paid by the selected partner to MSME TECHNOLOGY CENTRE, KOLKATA, based on the production of the units. The Royalty charges plus applicable taxes will be ₹ 25,000.00 per unit manufactured to be paid to MSME TECHNOLOGY CENTRE, KOLKATA.
- ⇒ The submission of the EOI shall include all such documents that are specified herein to prove the authenticity of their offer and any claim made therein. The burden of proving such claims shall lie with the bidder.
- ⇒ All cost and expenses associated with submission of EOI shall be borne by the bidder while submitting the EOI and MSME TECHNOLOGY CENTRE, KOLKATA shall have no liability, in any manner in this regard, or if it decides to terminate the process of short listing for any reason whatsoever.
- ⇒ MSME TECHNOLOGY CENTRE, KOLKATA reserves the right of rejecting any offer without assigning reasons.
- ⇒ There is neither a business guarantee nor any commitment for funding support from MSME TECHNOLOGY CENTRE, KOLKATA to the shortlisted/selected/engaged firm.

WHO CAN APPLY

MSMEs/Startups with Udyog Aadhar/ companies willing to take up production, manufacturing, marketing, sales and support of **Non-Invasive CPAP Type Ventilator**.

HOW TO APPLY

Interested firms may send their detailed expression of interest by filling the Annexure – 1 along with supporting documents to:

**The
General Manager
MSME TECHNOLOGY CENTRE, KOLKATA**
(Central Tool Room & Training Centre)
Ministry of Micro, Small & Medium Enterprises
Govt. of India
Bonhooghly Industrial Area,
Kolkata – 700108,
West Bengal
Email: cttc-msme@gov.in
Website: www.msmetoolroomkolkata.com

Interested Firms are encouraged to contact for any clarification or queries:

Shri Saurav Mitra
Chief Scientific Officer,
Mob : 9432160928

Annexure –I (Part-A) to be filled on the organization letter head for submission

Company Profile	
1.	Name of the Organization: Website:
2.	Name of the Contact Person: Address: Mobile: Landline : Fax: E-Mail:
3.	Year of Incorporation:
4.	Type of Organization Public Sector/ Limited/Private Limited/ Partnership/Proprietary/ Society/ Any other
5.	Category of the firm: Large/Medium/Small scale unit / Others
6.	Address of the Registered Office: (Include Certificate of Registration)
7.	Number of Offices with addresses (Excluding Registered Office):
8.	Certificate of registration as a manufacturing unit
9.	Permanent Account Number
10.	GST Reg. No.
11.	ISO or any equivalent Certification
ESSENTIAL REQUIREMENTS	
1.	Turnover for Last three years : The turnover is to be supported by financial statements of accounts/ Annual reports duly certified by a Chartered accountant/ Balance sheets of last 3 years/ Income tax returns for the last 3 years period. The turnovers, net worth conditions are relaxed in case of start-up and MSMEs companies certified by NSIC or any competent authority.
2.	Company profile, giving details of current activities and management/ personnel structure including evidence of incorporation.
3.	Details of absorption of technology for a product/knowhow that has been taken up on production scale in the past may also be given
4.	The manpower strength (Technical & Non-Technical)

5.	The list of machine tools /equipment/software/facilities available related with work to be furnished.
6.	The in-house technological expertise available to be furnished
7.	The list of equipment available for inspection and quality control to be furnished.
8.	The industry should have adequate space for undertaking this work. Available space - Covered & Open and location details to be furnished.
9.	List of PSUs/Govt. customers worked with as regular activity in last three years
10.	The details of sales, marketing and maintenance network to be furnished
11.	The list of technical collaborators for various ongoing products may be furnished
Expression of Interest: Brief description about extent of interest and envisaged market potential	

Picture of the Product

