

सीएसआईआर - केन्द्रीय यांत्रिक अभियांत्रिकी अनुसंधान संस्थान  
CSIR-CENTRAL MECHANICAL ENGINEERING RESEARCH INSTITUTE  
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् / Council of Scientific and Industrial Research)  
महात्मा गाँधी एवेन्यू, दुर्गापुर-713209 / Mahatma Gandhi Avenue, Durgapur-713209

CSIR-CMERI/BDG/DW/01

Dated: 17<sup>th</sup> April, 2020

**INVITATION FOR EXPRESSION OF INTEREST (EoI)**

**Subject: Seeking expression of interest from Interested MSMEs/Companies/Businesses for assisting CSIR-CMERI, Durgapur in developing Disinfection Walkway**

CSIR-CMERI, Durgapur, is a constituent laboratory of the Council of Scientific and Industrial Research, an autonomous body under the Ministry of Science & Technology, Government of India. CSIR-CMERI, Durgapur, has designed and developed Disinfection Walkway for fighting against COVID-19. Disinfection Walkway should be developed locally. The nodal personal name and contact number is given below:

| Sl. No. | Product Name         | Nodal Personal Name | Contact Number |
|---------|----------------------|---------------------|----------------|
| 1.      | Disinfection Walkway | Dr. Chanchal Loha   | 9474562107     |

The detail of the above listed product is elaborated in the Enclosure.

Interested Parties/Companies/MSMEs/Businesses/Industries are invited for the i) Supply of Materials ii) Fabrication of Components as per drawing of CSIR-CMERI, iii) Transportation, Installation and commissioning iv) maintenance for 06 months. Interested Parties/Organizations may submit the EoI to [bdg@cmeri.res.in](mailto:bdg@cmeri.res.in).

Yours truly,

  
Dr. Anjali Chatterjee,  
Head, BDG, CSIR-CMERI

### Disinfection Walkway

Material for fabrication of Disinfection Walkway will be provided by CSIR-CMERI. Fabrication and integration procedures to be followed, as below:

1. Fabrication of the Disinfection Chamber and nozzles:
  - i. Fabrication of the structure with MS angle
  - ii. Covering side and roof with perplex/ flex
  - iii. Fabrication of base
  - iv. Fabrication of a stand
  - v. Fabrication of nozzles
  - vi. Fixing of nozzles
  - vii. Painting
2. Fabrication and integration of air and water flow piping system:
  - i. Fabrication of piping system
  - ii. Integration of air piping system and valves
  - iii. Installation of liquid tank and water line connection
3. Integration of electrical and electronic system:

The following are the onsite fabrication charges (Labour charges for manufacturing services) to be paid by CSIR-CMERI to the service providers per unit prototype of Disinfection Walkway.

| Sl. | Description of services  | Fabrication charges to be paid by CSIR-CMERI to the service provider per unit prototype | Remarks  |
|-----|--|---|--|
| 01  | Installation and commissioning of Disinfection walkways in Durgapur                        | INR 15,000/- + GST as applicable  | Raw materials and consumables will be provided by CSIR-CMERI |
| 02  | Installation and commissioning of Disinfection walkways in Dhanbad, Kolkata, Asnasol, etc. | INR 25,000/- + GST as applicable  | -do-   |
| 03  | Maintenance for 06 months for the above  | INR 30,000/- + GST as applicable  | -  |

\*\*For installation at sponsor's site, the sponsor has to arrange (i) to and fro transport of materials and manpower from CMERI Durgapur (ii) accommodation, lodging and local transport for the manpower deployed at site (3 persons for 2 days for one prototype) (iii) Space for installation, water, electricity, working shed etc. (iv) There should be one person who will be trained for operation of the disinfection tunnel



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CSIR-CMERI/BDG/RSU/01

Dated: 17<sup>th</sup> April, 2020

**INVITATION FOR EXPRESSION OF INTEREST (EoI)**

**Subject: Seeking expression of interest from Interested MSMEs/Companies/Businesses for assisting CSIR-CMERI, Durgapur in developing Tractor Mounted Road Sanitizing Unit**

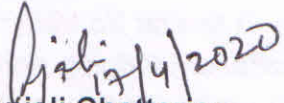
CSIR-CMERI, Durgapur, is a constituent laboratory of the Council of Scientific and Industrial Research, an autonomous body under the Ministry of Science & Technology, Government of India. In developing Tractor Mounted Road Sanitizing Unit, standard product(s) should be developed locally. CSIR-CMERI, Durgapur, has designed and developed this Tractor Mounted Road Sanitizing Unit. The nodal personal name and contact number given below:

| Sl. No. | Product Name                         | Nodal Personal Name | Contact Number |
|---------|--------------------------------------|---------------------|----------------|
| 1.      | Tractor Mounted Road Sanitizing Unit | Dr. Palash Maji     | 9832780145     |

The detail of the above listed product is elaborated in the Enclosure.

Interested Parties/Companies/MSMEs/Businesses/Industries are invited for the i) Supply of Machine Parts ii) Fabrication of Components as per drawing of CSIR-CMERI. Interested Parties/Organizations may submit the EoI to [bdg@cm eri.res.in](mailto:bdg@cm eri.res.in).

Yours truly,

  
Dr. Anjali Chatterjee,  
Head, BDG, CSIR-CMERI

### Tractor Mounted Road Sanitizing Unit

Tractor and water tank will be provided by the Client. After that the fabrication and integration procedures to be followed, as below:

1. Integration of Pump and its drive from Tractor PTO:
  - i. Fabrication of spray pump mounting base with MS Angles and Plates having belt tension adjustment option.
  - ii. Fixing of pump on mounting base
  - iii. Connection of belt pulley drive between tractor PTO and Pump Shaft
2. Integration of Piping system with water tank:
  - i. Fabrication of 3 sets of SS pipe line of total length of 6 m having 12 nozzles on it.
  - ii. Fabrication of header unit with four numbers of ball valves and SS pipes
  - iii. Integration of above pipe line and header unit with water tank.
  - iv. Connection of flexible hoses for suction line, delivery line and bypass line
  - v. Connection of two sets of hand spray lines in combination of nozzles, hand held unit and flexible PVC pipes.

The following are the onsite fabrication charges (Labour charges for manufacturing services) to be paid by CSIR-CMERI to the service providers per unit prototype of Tractor Mounted Road Sanitizing Unit.

| Sl. | Description of services  | Fabrication charges to be paid by CSIR-CMERI to the service provider per unit prototype | Remarks  |
|-----|--|---|--|
| 01  | Kit Fabrication and Installation at CMERI Premises                           | INR 20,000/- + GST as applicable  | Raw materials and consumables will be provided by CSIR-CMERI |
| 02  | Kit Fabrication at CMERI premises and Installation work at Sponsor's site ** | INR 30,000/- + GST as applicable  | -do-   |

\*\*For installation at sponsor's site, the sponsor has to arrange (i) to and fro transport of materials and manpower from CMERI Durgapur (ii) accommodation, lodging and local transport for the manpower deployed at site (3 persons for 2 days for assembly and testing of one prototype) (iii) assembly space, water, electricity, working shed, tools and basic fabrication equipments like welding set with electrodes, hand drill, cutting set with gas, hand grinder, cutting wheel, mechanical assembly tools, metal primers and paints etc.