



## वी.पी.कोइराला स्वास्थ्य विज्ञान प्रतिष्ठान धरानको

कोटेशन माग गरिएको सूचना ।

(पुनः सूचना प्रकाशित मिति: २०८१।०९।१५)

यस प्रतिष्ठानको लागि आवश्यक संलग्न Specification बमोजिमको Portable Compact Thermal Fogging Machine- २ थान खरिद गर्न लागत अनुमान तयार गर्नुपर्ने भएकोले सो प्रयोजनको लागि व्यवसाय (फर्म) दर्ता प्रमाणपत्र, मु.अ.कर दर्ता प्रमाणपत्र, आ.व. २०८०/०८१ को कर चुक्ताको प्रमाणपत्रको प्रतिहरू संलग्न गरी यो सूचना प्रकाशित मितिले ७ (सात) दिन भित्र कोटेशन तथा क्याटलगहरू पेश गर्नुहुन सुचित गरिन्छ । माग गरिएको कोटेशन तथा क्याटलगहरू तोकिएको म्यादभित्र प्रतिष्ठानको दर्ता, चलानी फाँटमा दर्ता गर्नुहुन वा [quotation.procurement@bpkihs.edu](mailto:quotation.procurement@bpkihs.edu) मा email मार्फत पेश गर्नुपर्नेछ ।

# Technical Specification of a Light, Portable Thermal Fogging Machine

|     |                                 |                                                                                                                                                                                                                                                                                                                                                                                   |
|-----|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S.N |                                 |                                                                                                                                                                                                                                                                                                                                                                                   |
| 1   | Brand :                         |                                                                                                                                                                                                                                                                                                                                                                                   |
| 2   | Model :                         |                                                                                                                                                                                                                                                                                                                                                                                   |
| 3   | Manufacturer :                  |                                                                                                                                                                                                                                                                                                                                                                                   |
| 4   | Country of Origin:              |                                                                                                                                                                                                                                                                                                                                                                                   |
| 5   | Functions :                     | Light Portable Compact Thermal Fogging Machine for fogging insecticides, fungicides or disinfectants in the campus/hospitals. The thermo-pneumatically produced fog should guarantee highest efficiency and outstanding penetration. The size of aerosol should be in micron.                                                                                                     |
| 6   | Configuration :                 | Machine should be compact, light weight, portable, easy to handle with solution and fuel tank. Pump assembly present inside the machine which pumps the fog solution from the solution tank to heat assembly. Solution tank and Fuel tank made up corrosion free material. Nozzle assembly should be non-clogging design made up of steel. Manual Pumping. Easy to carry and use. |
| 7   | Type & Principle :              | Light Portable Compact Thermal Fogger Machine Working on Pulse Jet Principle with no moving parts in the Engine                                                                                                                                                                                                                                                                   |
| 8   | Engine Output :                 | 10 KW - 15 KW ( Maximum)                                                                                                                                                                                                                                                                                                                                                          |
| 9   | Starting Method :               | Both Manual Pump & Auto Start ( Rechargeable Battery)                                                                                                                                                                                                                                                                                                                             |
| 10  | Ignition:                       | Electronic Solid State                                                                                                                                                                                                                                                                                                                                                            |
| 11  | Fuel Tank Capacity              | 1-1.5 Ltr                                                                                                                                                                                                                                                                                                                                                                         |
| 12  | Solution Tank Capacity          | 5 Ltr                                                                                                                                                                                                                                                                                                                                                                             |
| 13  | Particle Size :                 | 02-25µ oil based solution or better                                                                                                                                                                                                                                                                                                                                               |
| 14  | Fuel Consumption :              | 1-1.5 Ltr/Hr. or less                                                                                                                                                                                                                                                                                                                                                             |
| 15  | Maximum Flow Rate :             | 0-25 Ltr/Hr. or more                                                                                                                                                                                                                                                                                                                                                              |
| 16  | Fuel & Solution Tank Material : | IS 513 Grade/ SS 304                                                                                                                                                                                                                                                                                                                                                              |
| 17  | Silencer                        | 310 SS Grade                                                                                                                                                                                                                                                                                                                                                                      |
| 18  | Resonator/Silencer Cover :      | 0.4mm 304 S S Grade and 0.8mm M.S Guard for Protection or better                                                                                                                                                                                                                                                                                                                  |
| 19  | Weight                          | < 10 Kg                                                                                                                                                                                                                                                                                                                                                                           |
| 20  | ISO Certificate :               | ISO 90:2015, ISO 14001:2015, ISO 45001:2018 Certified                                                                                                                                                                                                                                                                                                                             |
| 21  | CE Certificate                  | CE/150002683                                                                                                                                                                                                                                                                                                                                                                      |
| 22  | WHO GMP Certificate             | GMP-10055 Certified                                                                                                                                                                                                                                                                                                                                                               |
| 23  | Easy Carrying & Handling :      | Fitted with heavy duty nylon shoulder strap for easy carrying and handling                                                                                                                                                                                                                                                                                                        |
| 24  | Body Construction               | Rugged M.S Body Construction for Long Durability                                                                                                                                                                                                                                                                                                                                  |

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| 25 | Physical Dimension :          | Please Specify                                                                                                                                                          |
| 26 | Warranty/Guarantee:           | Min. 2 years Comprehensive Warranty/Guarantee on the Machine                                                                                                            |
| 27 | Service Warranty :            | Min. 2 schedule service visit in a year i.e. once in every six months and any number of emergency service visits as and when required during warranty/guarantee period. |
| 28 | Manuals & Brochure :          | Manual User/Troubleshoot to be submitted                                                                                                                                |
| 29 | Installation, Demonstration & | Supplier's must Install, Demonstrate, Train End User and get it's Installation report signed.                                                                           |
| 30 | Compliance Sheet :            | Should be submitted along with the technical brochure highlighting the points offered as per the demanded technical specification                                       |