



DEPARTMENT OF MECHANICAL ENGINEERING KANPUR-208016, INDIA

Dr. Avinash Kumar Agarwal Professor Tel: + 91 512 2597982 (O), + 91 512 2598682 (R) Fax: + 91 512 259 7408 Email: akag@iitk.ac.in http://home.iitk.ac.in/~akag

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# Optical Quartz Window (04 No) and Liner Spare Parts (02 No) of Gasoline Direct Injection (GDI) Engine

We would like to purchase the **Optical Quartz Window and liner spare parts** of the existing Gasoline Direct Injection (GDI) engine. Interested parties are requested to send sealed quotations along with compliance report, for their products, satisfying the given specifications. Your bid should be in one parts, in sealed envelopes. These parts should be compatible with the Optical GDI engine, manufactured by Mobiltek, South Korea.

Last date to receive the bids to the given address Faculty Building, Room No. 339, IIT Kanpur-208016 is September 14<sup>th</sup>, 2020.

# Specifications and Scope of Supply

# 1. Quartz Side windows (Dounut type) 04 No

#### **Drawing**



#### **Dimensions**

Outer Diameter = 114 mm [Tolerances +0, -0.1] Inner Diameter = 86 mm [Tolerances +0.05, -0] Height = 36 mm [Tolerances +0.05, -0.05]

# 2. Cylinder Liner

02 No

### **Drawing**



#### Dimensions

Inner Diameter = 86 mm [Tolerances +0.03, -0] Outer Diameter = 98.5 mm [Tolerances -0.036, -0.071] Height = 141.1 mm

It is the responsibility of the supplier to ensure that the components are compatible with the existing optical engine, at ERL, IIT Kanpur.

## **Terms & Conditions:**

- 1. Provide "Authorization certificate" by the manufacturer, in case the quotation is submitted by an Agent.
- 2. Photographs of the "to be supplied system" in the technical bid is an essential requirement.
- 3. Prices should include delivery up to IIT Kanpur.
- 4. Validity of quotation should be 90 days from the date of tender opening.
- 5. Warranty: Should be specified clearly, one year or more.
- 6. Supply: Within 4-6 weeks from the date of purchase order.
- 7. Tender can be cancelled any time, partially or fully, without assigning any reason.
- 8. Supplier is strictly instructed to state the country of origin of the product and accessories. Product from certain hostile countries to India will lead to disqualification of the bid.

In case of any queries/ clarification related to this tender, you may contact +91 8765599882 (Sh. Sujeet Sharma) between 10:30 - 17:00 h.