



Indian Institute of Technology Madras

DEPARTMENT OF OCEAN ENGINEERING

Ref.No.

Date : 12/02/2021

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| OE | 2020 | 001 | DEPT | SNAL |
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Dear Sirs,

DUE DATE : 22/02/2021

Quotations are invited in duplicate for the various items shown below / overleaf / Enclosed list.

1. The **Quotations are to be in two parts as Technical Offer and as Commercial offer** : The two parts of the offer in separate envelopes must be enclosed in the one bigger envelope duly sealed and superscribed with the reference No. and due date, and must be addressed to the undersigned so as to reach him on or before the due date stipulated above.
2. ***Fax and Email quotation are not acceptable***
3. Quotations should be valid for 60 days from the due date and the period of delivery required , warranty terms etc., should also be clearly indicated. A minimum of one year warranty is required from the date of commissioning.
4. Imported supplies should be quoted for **CIF Chennai**.
5. Local firms to quote for free delivery to this Institute .If quoted for Ex-Godown delivery charges be indicated separately.
6. Relevant literature pertaining to the items quoted with full specifications(and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples/Machines/equipment if called for, should be submitted/demonstrated at free of charges, and collected back at the supplier's expenses. Compliancy certificate is to be provided indicating conformity to the technical specifications.
7. GST and such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted . If this is not indicated no such claim will be admitted at any stage.
8. Goods should be supplied carriage paid and insured.
9. Goods shall not be supplied without an official supply order.

10. If the item is under DGS&D Rate contract No. and price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the rate contract price(Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
11. The guarantee period of the item may be indicated clearly.
12. The payment will be made after completion of the supply and satisfactory installation of the Equipment/item.
13. **Acceptance and Rejection:-** IIT.Madras has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

14. The quotes should be addressed to

**The Head,
Department of Ocean Engineering ,
IITMadras,Chennai-600036.**

Sd/-

Technical Specification for purchasing MRU Unit.

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|-----------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Roll/Pitch (Static Dynamic) Minimum Range | 0.2° 0.3° |
| 2 | Yaw / Minimum Range | 1.0° |
| 3 | Input voltage | 4.5-34V or 3V3 |
| 4 | IP-rating | IP 67 (encased) |
| 5 | Vibration and shock | MIL STD-202; 2000 g for 0.5 ms |
| 6 | Sampling frequency | 10 kHz/channel (60 kS/s) |
| 7 | Standard full range acceleration | 200m/s² |
| 8 | Output frequency | Up to 2 kHz |
| 9 | Interfaces | RS232/RS485/RS422/UART/USB |
| 10 | Operating Temperature | -40 to 85 °C |
| 11 | Software | Windows Based Application CD including software & Tools |
| 12 | Manuals & Technical literature | <ul style="list-style-type: none"> • Two Sets of Manual copy with complete technical details such as circuit description, detailed wiring diagrams to be provided to IITM. • All necessary details such as drawings, dimensions, weight and power consumption of the system to be provided. |
| 13 | Quantity | 1 No. |
| 14 | Warranty | 1 Year |
| 15 | Delivery | 4-5 Weeks |
| 16 | Payment Terms | After Supply |
| 17 | Installation | After Delivery Demo required |

