

eNotice Inviting Tender (NIT)

NIT No.: ICAT/T/FTL/LVDTS/2022-23/206

Manesar, 13th Jan' 2023

The Director, International Centre for Automotive Technology (ICAT), a division of NATRIP Implementation Society (NATIS), Govt. of India, hereby invites sealed bid for **“Supply of LVDT Sensors (As per specification given in NIT)”** at ICAT Manesar as per following details:

Tender Activity Schedule

Product Requirement	Supply of LVDT Sensors (As per technical specification given in Annexure “B”) at ICAT Centre – 1, Manesar (Haryana).
Quantity Required	As Per Quantity Mentioned In Annexure “A”
Eligibility Criteria	<p>Minimum Eligibility Criteria: The bidder whose bid meet the following eligibility criteria would only be considered</p> <ul style="list-style-type: none"> • Legal Valid Entity: The bidder shall necessarily be a legal valid entity either in the form of Proprietary Firm, Partnership Firm, Private Limited Company. A Proof of legal validity of the Bidder shall be submitted. • Should meet the above technical requirement.
Evaluation Criteria	<p>Evaluation Criteria: It is mandatory for the bidder to comply with the complete technical specification given in the bid document. In the event the bidder does not comply with the technical specification, he shall be disqualified and any deviation proposed on technical specification from the bidder end will not be considered at all. Disqualified bidders will not be eligible to make any claim. Those bidders who meet our technical requirements will be moved forward for financial evaluation. The order would be awarded to the L1 bidder among the technically qualified bidders.</p>
Payment Terms	100% Payment against receipt of defect free material at ICAT Site.
Delivery Period	Within 90 days from the date of PO
Price Validity	120 Days from the date of submission of Quotation at ICAT.
Delivery Terms	FOR Up to ICAT Site
Warranty Terms	12 Months warranty against any manufacturing defect, free of cost replacement against any manufacturing defect if noted during warranty period or as per OEM Standard warranty.

<p>Liquidity Damages (LD)</p>	<p>In the event of any delay on part of the Supplier/Contractor to achieve completion of the Works within the time lines as specified in the Purchase Order / Works Order the Supplier/Contractor shall be liable to pay to ICAT a sum equal to 0.5% of the Contract Price for every week of delay, or part thereof, subject to the maximum of 10% of the Contract Price, for such default as liquidated damages, which the Supplier/Contractor agrees is not a penalty but a genuine pre-estimate of loss and damage likely to be suffered and incurred by ICAT for every day, or part thereof, that such delay subsists till the date of actual completion. ICAT may, without prejudice to any other method of recovery, deduct the amount of such damages from any monies due or to become due to the Supplier/Contractor.</p>
<p>Billing Address</p>	<p>International Centre For Automotive Technology (Centre – 1), Plot No. 26, Sector – 3, Near HSIIDC, IMT Manesar, Gurgaon 122050 GST No. 06AAATN7662F1ZI</p>
<p>Delivery Address</p>	<p>International Centre For Automotive Technology (Centre – 1), Plot No. 26, Sector – 3, Near HSIIDC, IMT Manesar, Gurgaon 122050 GST No. 06AAATN7662F1ZI</p>
<p>Last Date of submission of Sealed Techno-Commercial Bid</p>	<p>Up to 17:00 Hrs. on 31st January’ 2023, at ICAT Centre – 1, Manesar, Gurgaon, India.</p>
<ul style="list-style-type: none"> • Bidders to comply with Rule 144 (xi) of GFR 2017 (refer Office Memorandum of Department of Expenditure dated 23rd July 2020 https://doe.gov.in/sites/default/files/OM%20dated%2023.07.2020.pdf • Preference to Make in India: As per the revised order issued by Department of Industrial Policy and Promotion (DIPP) vide No. P-45021/2/2017-PP (BE-II) dated 04.06.2020. The purchaser reserves the right to give preference to the local supplier. https://dpiit.gov.in/sites/default/files/PPP%20MII%20Order%20dated%204th%20June%202020.pdf 	

Sealed Envelope should be marked with “**Supply of LVDT Sensors (As per specification and make given in NIT Document) at ICAT Centre – 1, Manesar**”

Interested suppliers/service providers who meet our requirements should submit no regret techno commercial proposal along with product catalogue in a **sealed envelope latest by 31st January’ 2023 by 17:00 Hrs.** at below given address

**To,
The Purchase Department,
International Centre For Automotive Technology
Plot N. 26, Sector-3, HSIIDC, IMT Manesar
Gurgaon 122050 (Haryana)
Contact No. +91 9911166385**

Note: ICAT reserves the right to reject/modify/cancel the tender without assigning any reason thereof.

Annexure A

Financial Bid for Supply of LVDT Sensors at ICAT Centre - 1, Manesar (Haryana)

SI No.	Item Descriptions	Unit	Quantity	Unit Price (INR)	Total Value (INR)
1	Hybrid LVDT,MLS-130 series or equivalent as per specification Range : 100mm electrical stroke, Input Voltage: 9 to 24 V dc Resistance: at least 4K Ohms track with quick release bearings Linearity: 0.2 % at least Operational Temperature: (-30 deg C to 100 deg C). Vibration: Random vibration at least up to 10 g in all axis. Cable at least 1-2 Meter Long. Protection: IP66. Output: 5 Volt or 10 Volt	Nos	4		
2	Hybrid LVDT, MLS-130 series or equivalent as per specification , Range: 200mm electrical stroke, Resistance : at least 8K Ohms track with quick release bearings, Linearity : 0.2 % at least Operational Temperature: (-30 deg C to 100 deg C) Vibration: Random vibration at least up to 10 g in all axis. Cable at least 1-2 Meter Long. Protection: IP66 Input Voltage : 9 to 24 V dc Output: 5 Volt or 10 Volt .	Nos	4		
3	SLS-190 LVDT or equivalent Range : 300mm electrical stroke Resistance :8K Ohms, Linearity: 0.2 % at least Operational Temperature: (-30 deg C to 100 deg C) Vibration: Random vibration at least up to 10 g in all axis Cable at least 10 Meter Long. Protection: IP66 Input Voltage : 9 to 24 V dc Output: 5 Volt or 10 Volt	Nos	6		
4	Quick release ball joint for linear sensors	Nos	15		
5	Freight Charges (Inclusive of Packing, Forwarding, Transportation, Insurance and Unloading of Material at ICAT Site)	L/S	1		
Total Value (INR)					
IGST/GST%					
Grand Total Inclusive of GST and Freight (INR)					

Evaluation Criteria:

It is mandatory for the bidder to comply with the complete technical specification given in the bid document. In the event the bidder does not comply with the technical specification, he shall be disqualified and any deviation proposed on technical specification from the bidder end will not be considered at all. Disqualified bidders will not be eligible to make any claim. Those bidders who meet our technical requirements will be moved forward for financial evaluation. The order would be awarded to the L1 bidder among the technically qualified bidders.

ICAT Terms & Conditions

- **Warranty:** 12 Months warranty against any manufacturing defect, free of cost replacement against any manufacturing defect if noted during warranty period or as per OEM Standard warranty.
- **Delivery Period:** 90 Days from the date of PO.
- **Liquidity Damages (LD Charges):** In the event of any delay on part of the Supplier/Contractor to achieve completion of the Works within the time lines as specified in the Purchase Order / Works Order the Supplier/Contractor shall be liable to pay to ICAT a sum equal to **0.5%** of the Contract Price for every week of delay, or part thereof, subject to the maximum of **10%** of the Contract Price, for such default as liquidated damages, which the Supplier/Contractor agrees is not a penalty but a genuine pre-estimate of loss and damage likely to be suffered and incurred by ICAT for every day, or part thereof, that such delay subsists till the date of actual completion. ICAT may, without prejudice to any other method of recovery, deduct the amount of such damages from any monies due or to become due to the Supplier/Contractor.
- **Qualification Criteria:** The bidder whose bid meets the technical specification given above would only be considered (As per conditions mentioned in Evaluation Criteria).
- **Payment:** 100% Payment against receipt of defect free material at ICAT Site.
- **Delivery Terms:** FOR ICAT Site (Inclusive of Packing, Forwarding, Transportation, Insurance and Unloading of Material at ICAT Project Site).

Annexure- B

LVDT Sensors Technical Specifications:

Hybrid LVDT,MLS-130 series or equivalent as per specification

Range: 100 MM Electrical Stroke

Input Voltage: 9 to 24 V dc

Resistance: at least 4K Ohms track with quick release bearings

Linearity : 0.2 % at least

Operational Temperature: (-30 deg C to 100 deg C).

Vibration: Random vibration at least up to 10 g in all axis.

Cable at least 1-2 Meter Long.

Protection: IP66.

Output: 5 Volt or 10 Volt

Hybrid LVDT,MLS-130 series or equivalent as per specification

Range : 200 MM Electrical Stroke

Input Voltage : 9 to 24 V dc

Resistance : at least 8K Ohms track with quick release bearings

Linearity : 0.2 % at least

Operational Temperature: (-30 deg C to 100 deg C)

Vibration: Random vibration at least up to 10 g in all axis.

Cable at least 1-2 metre long.

Protection: IP66.

Output: 5 Volt or 10 Volt

LVDT SLS-190 series or equivalent as per specification

Range : 300 MM electrical stroke

Input Voltage : 9 to 24 V dc

Resistance : at least 8K Ohms track with quick release bearings

Linearity: 0.2 % at least

Operational Temperature: (-30 deg C to 100 Degree C)

Vibration: Random vibration at least up to 10 g in all axis.

Cable at least 1-2 Meter Long.

Protection: IP66.

Output: 5 Volt or 10 Volt

Quick Release Ball Joint for Linear Sensors

For or any technical queries please feel free to contact the undersigned:

Contact Person: Mr. Jitender Singh – Fatigue Lab

Mail ID: jitender.singh@icat.in

Contact No. : +91 8527850581 (Mobile)

International Centre for Automotive Technology (ICAT)

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Website www.icat.in