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**DEPARTMENT OF ENGINEERING DESIGN
INDIAN INSTITUTE OF TECHNOLOGY MADRAS**

**SETTINGUP OF INCUBATION CENTRE FOR AUTOMATION,
INSTRUMENTATION AND AUTOMOBILE**

**PROCUREMENT OF GOODS
UNDER
NATIONAL SHOPPING PROCEDURES**

**Quotation Enquiry No: ED/14-15/AUTOMATION/06
2014-2015**

Date 16/07/2014

**Last date & Time of Submission : 07/08/2014, up to 2.30 P. M
Date & Time of Opening: 07/08/2014, up to 3.00 P. M**

**INVITATION FOR QUOTATIONS FOR SUPPLY OF
GOODS UNDER NATIONAL SHOPPING PROCEDURES**

Dear Sir / Madam,

Sub : INVITATION FOR QUOTATIONS FOR SUPPLY OF DIGITAL
MANUFACTURING SIMULATION SOFTWARE: Quotation Enquiry No: ED/14-
15/AUTOMATION/06 dated 16/07/2014.

You are invited to submit your most competitive quotation for the following goods:-

Sr. No.	Brief Description of the Goods	Specifications	Qty	Delivery Period	Place of Delivery	Installation Requirement if any
1)	Digital Manufacturing Simulation Software	As per Annexure-A	10 Perpetual licenses	Within 4 Weeks	Department of Engineering Design, IIT Madras	Installation and Training is required at site.

2. Government of India has received a credit from the International Development Association (IDA) in various currencies equivalent to US\$ _____ towards the cost of the _____ Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. **Bid Price**

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) Sales tax in connection with the sale shall be shown separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The Prices shall be quoted in Indian Rupees only.
- f) The software license should be perpetual. The annual maintenance cost or extended warranty cost for four years following the expiry of the normal warranty period of one year for the equipment should be quoted. Upgrades and updates of the software shall be provided during the normal warranty period and extended warranty or annual maintenance period.

4. Each bidder shall submit only one quotation.

5. **Validity of Quotation**

Quotation shall remain valid for a period not less than 60 days after the deadline date specified for submission.

6. Evaluation of Quotations

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed ; and
- (b) conform to the terms and conditions, and specifications

The Quotations would be evaluated separately for each item

Installation / training charges (if any) shall be added to the bid price for evaluation.

Warranty / Annual Maintenance Cost for maintaining the equipment in the operating condition as per the specification for the period of 48 months from the date of expiry of the normal Warranty period (12 months) shall be added to the bid price for evaluation.

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

7. Award of contract

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

- 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
- 8. Payment shall be made immediately after delivery of the goods.
- 9. Normal commercial warranty/ guarantee of 12 months shall be applicable to the supplied goods. Warranty / Annual Maintenance Contract Plan should be extended for 48 months from the expiry of the normal warranty of the first 12 months.
- 10. You are requested to provide your offer latest by 2.30 p.m. hours on 7th August 2014.
- 11. We look forward to receiving your quotations and thank you for your interest in this project.

Nilesh J. Vasa
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FORMAT OF QUOTATION *

[illegible]

Gross Total Cost : Rs.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs.(amount in figures) (Rs. amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of 12 **months** shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

* *Applicable while the bids are being invited for more than one item and would be evaluated for all the items together. Modify where evaluation would be made for each item separately.*

SPECIAL CONDITION

1) Liquidity damages :-

The penalty clause also will be applicable in case of late delivery of stores. The rate of liquidity damages shall be 0.5% per week and the maximum deduction is 10% of the contract.

2) Performance Security

1. Within 15 days after the Supplier's receipt of Notification of Award, the Supplier shall furnish Performance Security to the Purchaser for an amount of 5% of the contract value, valid upto 60 days after the date of completion of performance obligations including warranty obligations.
2. The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
3. The Performance Security shall be denominated in Indian Rupees and shall be in one of the following forms:

(a) A Bank guarantee or irrevocable Letter of Credit, issued by a nationalized/scheduled bank located in India or a bank located abroad acceptable to the Purchaser, in the form provided in the bidding documents or another form acceptable to the Purchaser; or

(b) A cashier's check, certified check, or demand draft.

The performance security will be discharged by the Purchaser and returned to the Supplier not later than 30 days following the date of completion of the Supplier's performance obligations, including any warranty obligations.

3) Authorisation from Manufacturer

in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer or producer to supply the goods in India.

4) Proof of Manufacturing and past performance .

Details of experience and past performance of the bidder on equipment offered and on those of similar nature within the past one years and details of current contracts in hand and other commitments

Annexure-A

TECHNICAL SPECIFICATIONS

Specifications for DIGITAL MANUFACTURING SIMULATION SOFTWARE

Technical specification: Digital Manufacturing Simulation Software consisting of

1. Creation of a digital Factory – including layout, material handling etc., along with the required CAD software.
2. Simulation of manufacturing process and creation of NC programs including CMM inspection interface
3. Tooling and design of fixtures
4. Assembly and disassembly simulation, bill of materials preparation
5. Data acquisition using SCADA in real time, process analysis, statistical analysis of data leading to knowledge creation with respect to manufacturing and a frame work for “What if” change scenario.
6. Robot scheduling, interaction and simulation of operations.
7. Necessary modules should be included for satisfactory execution all the above operations as a stand-alone system.