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Ref No: IIT/SIIC/Mole/InjectMouldingM/BV/24-11-2014

INVITATION FOR QUOTATIONS FOR SUPPLY OF INJECTION MOULDING MACHINE

Brief Description of the Goods	Specifications*	Qty.	Delivery Period	Place of Delivery	Installation Requirement if any
Injection Moulding Machine	Mentioned below	01	20 Days	Central Store, IIT Kanpur	Yes

Technical Specification of Injection Moulding Machine:

Injection Capacity	Unit	110 Ton
Injection Capacity Max. (GPPS)	gm	120-130
Theoretical Displacement	cc	130-140
Injection Pressure Max	bar	2050-2555
Injection Rate	cc/sec	110-120
Injection Screw Stroke	mm	120-135
Screw Diameter	mm	30-40
Screw L/D Ratio		20-30
Screw Speed	rpm	270-300
Screw Torque	Nm	870-900
Plasticizing Rate(GPPS)	gm/sec	14-20
No. of Pyrometer (Barrel + Nozzle)		3+1
Total Heat Capacity	kW	9.06
Clamp Unit		
Clamp Force	ton	110-120
Clamp Stroke	mm	330-370
Maximum Day light	mm	820-850
Minimum Mould Height	mm	140-160
Maximum Mould Height	mm	450-500

Platen Size (H x V)	mm	655 x 655
Distance Between Tie Rod (H x V)	mm	435 x 435
Tie Rod Diameter	mm	60-100
Ejector Stroke	mm	110-140
Ejector Force	ton	3.2-3.5
Mould Weight Capacity	kg	1020-1050
General		
Servo Motor operation	Kw	Compatible
Total Oil Tank Capacity	ltr	Compatible
Water Requirement (inlet temp. 29°C)	lpm	30-50
Connected Load	kW	Compatible
Optional Accessories:		
<ul style="list-style-type: none"> • Anti Vibration pads • Hopper • Tool Box • Magnet for Hopper and Oil Tank • Cooling Tower • Chiller (If required to reduce the cooling time/productivity) • Hot Runner dryer/Dehumidifier (in case of Hygroscopic polymers) • Scrap Granulator 	Please quote these items separately.	

Terms & Condition

1. The scope includes:

- a. Setting up machine in IIT Kanpur.
- b. Initial Installation and configuration.
- c. Training.

2. 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. **Except Central Excise Duty & CDEC** (custom duty), as IIT Kanpur is exempted from these duty.
- c) Sales tax in connection with the sale shall be shown separately.

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- 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.

3. Each bidder shall submit only one quotation.

4. **Validity of Quotation**

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

5. **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 specification

The Quotations would be evaluated separately for each item

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

6. **Award of contract**

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

- 6.1 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.**
- 6.2 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.
- 7. Payment shall be 90% against the delivery and 10% after satisfactory installation & configuration.
- 8. Warranty/ guarantee shall be 60 months to the supplied goods.
- 9. You are requested to provide your offer latest by 2.30 p.m. hours on 04/12/2014
- 10. We look forward to receiving your quotations and thank you for your interest in this project.



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FORMAT OF QUOTATION *

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
	TOTAL						
	Sales Tax						

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 60 months shall apply to the offered goods.

Signature of Supplier



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SPECIAL CONDITION

1) Authorization 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.

2) 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.


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