

Indo German Tool Room,
Plot 5003, Phase IV, GIDC, Mehmedabad Road, Vatva, Ahmedabad – 382 445

Important points for notice of the tenderers

1. *The tenderer who wish to download the tender form from website are required to send DD or Banker cheque of amount Rs.250/- separately and not in the tender cover. The tender without tender fees paid and received at IGTR are not likely to be opened.*

 2. TENDERERS SHOULD READ THE TENDER PAPERS CAREFULLY; SUBMISSION OF TENDER SHALL MEAN THAT THE TENDERER HAS READ AND UNDERSTOOD ALL THE TERMS AND CONDITIONS OF THE TENDER AND AGREES AND BINDS HIMSELF / THEMSELVES TO THE SAME. ALL PAGES OF THE TENDER DOCUMENTS SHOULD BE SIGNED BY THE TENDERER (S) AND RETURNED WITH PART 'A' OF THE TENDER.
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TENDER NO. : IGTR/AHM/TRG/ 005

DATED: 14.11.2007

DUE ON : 20.12.2007

AT : 2.30 PM

PART – I

INVITATION OF TENDER

From : The General Manager,
Indo German Tool Room,
Plot 5003, Phase IV, GIDC
Mehmedabad Road, Vatva
Ahmedabad – 382 445

To :

- 1.0 Sealed Tenders for **CNC Lathe Machine** up to quantity 01 No. as per specifications given in the attached schedule (Part III) are invited by the General Manager, Indo German Tool Room, Ahmedabad, India (hereinafter called “the Tool Room and / or the Purchaser”). The tenders shall be received up to 2.30 P.M. on 20.12.2007. Tenders should be accompanied by interest free Earnest Money of an amount of Rs. 40,000/- (Rupees Forty Thousand only) in the form of Demand Draft in favour of Indo German Tool Room payable at Ahmedabad.

Alternatively, tenderers may provide a Bank Guarantee for the aforesaid amount as per proforma enclosed with the tender documents. Tenders without Earnest Money or Bank Guarantee therefore will not be accepted. Tenderers registered with DGS & D and / or NSIC for machine / equipment / goods mentioned in Part – III are exempted from depositing Earnest Money and Security Deposit on submission of proof of registration along with Part ‘A’ of the tender.

- 2.0 Tenders must be submitted in two parts as per para 3 below and sent by registered post or deposited in the Tender Box kept at Indo German Tool Room, Plot 5003, Phase IV, GIDC, Mehmedabad Road, Vatva, Ahmedabad – 382 445, India in a strong sealed cover addressed to the **General Manager, Indo German Tool Room, Plot 5003, Phase IV, GIDC, Mehmedabad Road, Vatva, Ahmedabad – 382 445, India** and distinctly marked as described in para 3 below.
- 3.0 a) The tenders should be submitted in two parts. Part ‘A’ should contain the technical specification of the machine / equipment / goods and standard and special accessories available with the machine / equipment/ goods which should be described in sufficient details. Detailed technical literature should be enclosed. It should also be accompanied by a list of organizations where similar machine / equipment / goods have been supplied by the Tenderers in India and outside India separately. No price should be indicated either for the machine / equipment /goods with standard accessories or for special accessories in this part ‘A’. All pages of these Tender Documents are to be signed and returned with this Part ‘A’. It should be placed in an envelope which should be prominently marked as below :

PART ‘A’ : CNC Lathe Machine

Tender No. IGTR/AHM/TRG/ 005
Due on 20.12.2007

Dated : 14.11.2007
At : 2.30 P. M

This envelope should be securely fastened and sealed and addressed as described in para 2.0 above.

- b) Part ‘B’ of the tender should contain the prices quoted by the tenderer for the machine / equipment / goods with standard accessories and special accessories described in Part ‘A’ of the tender. It is very important that the prices are quoted with reference to the description of the machine / equipment / goods and other accessories offered in Part ‘A’ of the tender. Part ‘B’ of the tender should be put in an another envelope which should be prominently marked as below :

PART 'B' : CNC Lathe Machine

Tender No. IGTR/AHM/TRG/005
Due on : 20.12.2007

Dated : 14.11.2007
At : 2.30 P. M

This envelope should be securely fastened and sealed and addressed as described in para 2.0 above.

- c) Both the envelopes marked Part 'A' and 'B' as mentioned in (a) and (b) above should be put in another strong cover (envelope) which should be securely fastened, sealed and should be prominently marked as below :

CNC Lathe Machine

Tender No. IGTR/AHM/TRG/005
Due on : 20.12.2007

Dated : 14.11.2007
At : 2.30 P. M

This envelope should be addressed as described in para 2.0 above and submitted as mentioned in paras 1.0 & 2.0 above.

The Tool Room shall not be responsible for any postal / telegraphic /other delays whatsoever. Opening of Part 'B' of a tender shall be without any commitment whatsoever.

- 4.0 i) The tenders should be valid for acceptance for a period **120 days** from the date of tender opening (Due Date). It is understood that the tender documents have been issued to the tenderers and the tenderers are being permitted to tender in consideration of the stipulation on their part that after submitting their tenders they will not resile from their offer (s) or modify the terms and conditions thereof.
- ii) If the equipment tendered deviates from tender specifications, a deviation statement should be enclosed with Part 'A' of the tender. If there is no deviation 'Nil deviation' confirmation should be enclosed with Part 'A' of the tender.

5.0. The Tool Room reserves the right to reject any or all offers without assigning any reason whatsoever. The tool room also reserves the right to accept any tender in whole or in part without assigning any reason whatsoever. Opening of Part 'B' of tender is no commitment whatsoever and does not prejudice the aforesaid rights of the Tool Room to reject any or all offers without assigning any reason or accept any tender in whole or in part without assigning any reason whatsoever. The successful tender shall be notified of the acceptance of the tender and till such intimation is received tenderer(s) should not make any arrangement or incur any expenditure in anticipation of the receipt of notice of acceptance; he / they will have no claim for compensation of any sort. On issue of notice of acceptance of the tender, the tenderer will furnish Security

Deposit as specified in Part IV of the Tender Documents. The security deposit should be deposited by a Bank Demand Draft payable to Indo German Tool Room” payable at Ahmedabad. This deposit shall be refunded after satisfactory installation and commissioning of the machine/ equipment / goods after deducting liquidated damages; if any or any other dues which might have accrued to the Tool Room.

The Tool Room may, however, consider accepting unqualified Bank Guarantee as per proforma prescribed by the Tool Room in lieu of Security Deposit. The period of Bank Guarantee shall be calculated so that the Bank Guarantee is valid up to 2 months after the anticipated date of installation and commissioning. If installation and commissioning is delayed for any reason whatsoever the validity of the bank guarantee will have to be suitably extended. Such extension should reach the Tool Room 15 days before original date of validity or earlier extended date of validity.

6.0. Machine / equipment / goods are to be installed and used at Indo – German Tool Room, Ahmedabad.

7.0. Other conditions of the Tender are :

i) The prices quoted in Part ‘B’ of Tender shall be on the following basis :

a) Foreign tenderers shall quote prices on the basis of FOB nearest port of shipment, including seaworthy packing, and handling and forwarding charges. In the case of offers for imported machine / equipment / goods tenderers shall include in their offer the name of the person or the firm who will be acting as their representatives / agent in India in respect of the offer. Tenderer shall also indicate the service facilities which they or their representatives in India they shall indicate in their offer the service facility they intends to provide.

In the case of foreign offers the agency commission payable by the tenderer to their Indian Agents under the contract will be converted to Indian Rupees at the telegraphic transfer buying rate of exchange ruling on the date of acceptance of tender and shall not be subject to any further exchange variation. The agency commission shall be paid in nonconvertible Indian Rupees by the Tool Room directly to the agents.

CERTIFICATE IN SUPPORT OF RETENTION OF INDIAN AGENTS INDICATING THE AGENCY COMMISSIONS INCLUDED IN THE PRICE AND RESPONSIBILITIES OF THE SERVICE TO BE RENDERED BY THE INDIAN AGENT SHOULD BE ENCLOSED WITH PART ‘A’ OF THE TENDER.

- b) In the case of indigenous offers the tenderers are not entitled to any agency commission.
- For indigenous machine / equipment / goods the price quoted should be FOR destination (Ahmedabad) i.e, free delivery at site in the premises of the Tool Room including unloading. Unless Excise Duty, Sales Tax, Packing, handling and forwarding charges are indicated separately these will be presumed to have been included by the Tenderers in the price quoted.
- c) In case tender is submitted by the Indian Agent for supply of machine / equipment / goods from outside India, manufactured / supplied by their Principals, Proforma Invoice of their principals should be enclosed with the tender submitted by the Indian Agents which should clearly indicate price, specifications, terms & conditions and the Indian Agent's commission and responsibilities and services to be tendered by Indian Agents.
- ii) The basic consideration and the essence of the contract shall be strict adherence to the stipulated time schedule for the supply of contracted machine / equipment / goods i.e. "Time is the essence of Contract".
- iii) a) In the case of foreign offers on FOB basis, insurance from the date of shipment onwards shall be arranged by the supplier. The goods should not be despatched unless confirmation about the goods to be insured is sent by the supplier to the purchaser.
- b) In the case of indigenous offers the Purchaser will not pay separately for transit insurance and the contractor will be responsible till the entire machine / equipment / goods contracted arrive in good condition at destination.
- iv) In the case of FOB contract i.e., foreign supplies, the Contractor should give adequate notice to the forwarding agent to be notified by the Purchaser about the readiness of the cargo for shipment by an Indian Vessel. The Bill of Lading should be drawn as "FREIGHT TO PAY".
- v) Failure and Termination : On acceptance of tender, if the tenderer whose tender is accepted fails to deliver the machine / equipment / goods within the period fixed for such delivery in the contract or as extended or at any time repudiates the contract before the expiry of such period the purchaser may without prejudice to their other rights.

- a) Recover from the Contractor Liquidated Damages and not by way of penalty a sum equivalent to 2% of the price of any machine / equipment/ goods (including element of taxes, duties, freights, etc.) which the Contractor have failed to delivery within the period fixed for delivery in the contract or as extended, for each month or part of a month for which the delivery of such machine / equipment / goods may be in arrears when delivery thereof is accepted after expiry of the aforesaid period subject to maximum of 7.5% of the contract value.

OR

- b) Cancel the contract or a portion thereof and, if so desired purchase the machine/equipment / goods not so delivered or others of a similar description (where machine / equipment / goods exactly complying with particulars are not, in the opinion of the Purchaser [which shall be final] readily procurable) at the risk and cost of the Contractor, It shall, however, be the discretion of the Purchaser to obtain or not, the Performance Guarantee Bond from the firm /firms on whom the contract is placed at the risk and expense of the defaulting firm / firms.
- vi) Force Majeure : The Contractor shall not be liable to forfeiture of security deposit, liquidated damages or termination for default, if and to the extent the delay in performance or other failures to perform it's obligations under the contract is the result of an event of Force Majeure. For the purpose of this clause "Force Majeure" means an event beyond the control of the Contractor and not involving the contractor's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the contractor shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Contractor shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force majeure event.
- vii) Machine / equipment / goods is / are subject to inspection by the official / agency to be authorized for this purpose by the Purchaser before shipment at contractor's work and after receipt, installation and commissioning. The purchaser may, at its discretion, waive inspection before despatch and inspect the same on receipt, installation and commissioning at site, Tool Room's right to inspect, test and, where necessary, reject the machine / equipment/goods after the machine/equipment/goods' arrival and / or installation and commissioning shall in no way be limited or waived by reason of machine / equipment / goods having been previously inspected, tested and

passed by the Tool Room or its authorized representative prior to shipment or by waiver of inspection before shipment.

viii) The payment terms shall be as below :

- a) In case of supplies from outside India an irrevocable Letter of Credit shall be opened for 100% payment out of which 90% shall be paid against despatch documents and other documents to be specified in acceptance of Tender and balance 10% on issue of certificate by the Purchaser that the machine / equipment / goods has / have been installed and commissioned satisfactorily and furnishing 10% FOB value Performance Bank Guarantee covering the whole period of warranty. Provided that if the installation and commissioning is delayed beyond 90 days of receipt of goods at final destination by the Purchaser / consignee the balance 10% payment shall be released on furnishing the aforesaid Bank Guarantee and an Undertaking that the equipment shall be commissioned by the suppliers and / or their agents immediately when required by the Purchaser.
 - b) For indigenous machine / equipment / goods 90% shall be paid against proof of inspection or its waiver at the Tool Room's discretion and despatch documents and 10% within 30 days after the machine / equipment / goods has been installed and commissioned satisfactorily and finally inspected and accepted.
 - c) The title of ownership will be transferred to the Tool Room after 90% payment made on despatch.
- ix) Warranty Period : 1 year after date of the Purchaser's signed approval of the commissioning of the machine / equipment / goods at site or 15 months from the date of shipment whichever is earlier.
- x) Any dispute or difference arising in interpretations or applications of provisions of the Contract, shall be referred to the sole arbitration of Development Commissioner (SSI), Ministry of SSI, Govt. of India or any other person appointed by him. The award of the arbitrator shall be final and binding on both the parties. Arbitration shall be governed by Indian Arbitration Act.

xi) In case of any change in the constitution of firm tenderer / contractor shall notify the same to the Tool Room provided that such change shall not relieve any former member / partner of the firm from any liability under the contract and provided that no new member / partner shall be accepted by the firm unless he agrees to abide by all the terms and conditions of this contract.

8.0 Delivery Required : As per Schedule in Part IV of Tender Documents.

9.0 These tender documents are non-transferable.

For GENERAL MANAGER

Dated, Ahmedabad, the _____ 2007.

PART – II

TENDER

To,

The General Manager,
Indo-German Tool Room,
Plot No. 5003, Phase IV, GIDC,
Mehmedabad Road, Vatva
Ahmedabad – 382 445

Dear Sir,

I / We agree, on acceptance of the tender in whole or in part, to supply to Indo German Tool Room, Ahmedabad, India the machine / equipment / goods and accessories, detailed in Part 'A' of the Tender enclosed herewith at prices quoted by me / us in Part 'B' of the Tender which is also enclosed herewith in a sealed cover marked PART'B'. I / We agree to hold the offer open for 120 days from the due date 20.12.2007. I / We have read and understood the terms and conditions of the tender documents which shall become Contract on acceptance of tender, and agree to be governed by the same. I / we specifically undertake that I / We will not resile from my /our offer or modify the terms and conditions thereof.

Signature of the Tenderer

Place : _____ Name : _____

Date : _____ Designation : _____

Name & Address _____
of the firm :

WITNESS

Signature : _____

Name : _____

Designation : _____

Name & Address : _____
of the firm

PART – III

TECHNICAL SPECIFICATION

CNC LATHE MACHINE

General description of machine.

Machine should be robust design, capable to machine the most of the general type of material like cast iron, steel, aluminium, copper, brass etc.

Technical Specification

1. Machine construction : CNC Lathe of rigid construction. Optimum load bearing capacity. Rigid guideways. High stiffness and wear resistance, low friction and heat generation. No stick – slip effect.
2. Machine capacities
 - Work holding dia. Maximum : 210 mm (8”)
 - Admit between centers Maximum : 425 mm but not less than 400 mm
 - Maximum cutting dia. up to : 275 mm
 - Maximum cutting length : 350 mm
3. Machine spindle
 - Spindle speed : 100 - 4000 rpm
 - Motor rating-maximum : 15 KW
 - Spindle nose : A2- 6 or equivalent as per standard
 - Spindle bore : 75 mm
4. Swing dia : 400 mm – 450 mm
5. Travels & Feed rates
 - X axis : 150 mm
 - Z axis : 350 mm
 - X axis rapid : 24 m /min.
 - Z axis rapid : 24 m/min.
6. Power : 3 phase, 415 V, 50 Hz, AC

7. CNC Control

Any standard and reputed brand of latest version preferably Haas or Siemens compatible. Control system should be closed loop with provision for attaching extra monitor.

- Micro processor – Triple high speed 32 bit.
- Programme execution speed - 1000 blocks / sec.
- Axis control - 2 axis linear
- Minimum output resolution - 0.00018 mm
- Tool life management and Tool load monitoring with auto feed
- Standard ISO code
- Back group editing
- 1 MB memory
- Inbuilt calculator
- Electronics hand wheel
- Spilt spring programme review
- Mid-programme re-start
- Fully description alarm
- Self diazotization
- 5 spare M function
- 15” LCD colour monitor
- USB Port
- Graphic programme review
- RS 232 interface

8. Accuracy

Positional tolerance for each axis : ± 0.005 mm or better
Repeatability : ± 0.003 mm or better
Spindle accuracy : ± 0.005 mm or better

9. Tool Turret

Types of Turret : Servo Turret
Tool Shank size : 20 mm X 20 mm
Automatic Tool Turret : Min - 12 tools

10. Tooling change time : 2 seconds or better

The geometric accuracies of machine shall confirm to the prevailing geometrical test chart prescribed in relevant IS.

The machine shall be appropriately designed and manufactured to the best industry practice and workmanship. Any deviation found at inspection stage, will lead to cancellation of order and forfeit of EMD.

Standard scope of supply with machine

1. Hollow hydraulic chuck cylinder 3 jaw self centering 8” or 210 mm.
2. Quill operating hydraulic tailstock.
3. ID holder dia. 32 mm. - 2 nos. must supplied with machine.
4. Tail stock taper shank MT3 rotating centre must supplied with tailstock.
5. Fully guarded with lamp.
6. Anti-vibration pads.
7. First filling of oils.
8. Kits of essential spares for minimum 2 years.
9. Two sets of machine manual in English language.
10. Machine should be erected, commissioning and tested to our satisfaction in site at our end.
11. Standard tool holders external 20 mm X 20 mm (5 nos.) and internal 10, 12, 16, 20, 25 dia sleeve each.
12. Coolant Tank and Pump.
13. Machine lamp.

Optional accessories

1. Tool pre-setter
2. Chip conveyor

Attach a duly signed list of such spare parts as area absolutely necessary for proper maintenance and operation of machine / equipment / goods for a period of two years, with price for each spare part.

PART – IV

SPECIAL CONDITIONS :

1. Before handing over the machine / equipment / goods will be inspected in the premises of the contractors for which contractor shall provide, at their cost, all testing facilities. It is, therefore, one of the requirements that the tenderers should have adequate testing facilities. Also see para 7 (vii) of Part – I.
2. The offer should include a list of spare parts which are necessary for maintenance and operation of machine / equipment / goods for a period of two years with price of each spare part separately shown.
3. Foundation drawings and other installation and commissioning instructions / procedure are to be forwarded by the tenderer whose tender is accepted to the Purchaser immediately on receipt of Acceptance of Tender.
4. Training of Purchaser's staff in operation and maintenance will be tenderers' responsibilities.
5. Tenderer should give an undertaking that, in case his/their tender is accepted, he / they guarantee that, before going out of Production of the spare parts for the machine / equipment / goods, he / they will give advance notice to the Purchaser so that the latter may order his requirement of spares in one lot if he so desires, and further that, in such a case, blue prints, drawings and specifications of the raw materials used shall be made available to the Purchaser, at no cost, to enable the Purchaser to fabricate or procure spare parts from other sources.
6. Security Deposit (to be made as per clause 5 of Part – I)

Time of Deposit : Within 15 days of receipts of notice of acceptance of Tender

Amount of Deposit : Five Percent (5%) of the contract value.

Amount of Security Deposit should be rounded off to next ten Indian rupees.

7. Delivery Schedule : i) Indigenous supplies : Two months from the date of receipt of Acceptance of Tender.
- ii) Imported supplies : With in two months from the date of receipt of Acceptance of Tender or one month from opening of Letter of Credit whichever happens later.

Signature of the Tenderer

Place : _____ Name : _____

Date : _____ Designation : _____

Name & Address _____
of the firm :

WITNESS

Signature : _____

Name : _____

Designation : _____

Name & Address : _____
of the firm

Proforma for Bank Guarantee

(Ref. Part I, para 1.0)

To,
THE GENERAL MANAGER
INDO GERMAN TOOL ROOM,
5003, GIDC, PHASE - IV, VATVA
MEHMEDABAD ROAD,
AHMEDABAD – 382 445

BANK GUARANTEE FOR EARNEST MONEY

Ref. : Your Tender No. _____

In consideration of the General Manager, Indo German Tool Room, Ahmedabad -382445 having agreed to accept Bank Guarantee in lieu of Earnest Money for due and faithful performance required from M/s. _____ (hereinafter referred to as vendor), of their tender submitted in response to tender referred above, the Bank _____ agrees unconditionally to pay without any demur or protest merely on demand in writing from the General Manager, Indo German Tool Room, Ahmedabad – 382 445 or any Officer authorized by him in this behalf, an amount of Rs. _____ (Rupees _____) to the said General manager, Indo German Tool Room, Ahmedabad – 382 445 on behalf of the aforesaid Vendor, who have tendered for the supply of machinery, accessories etc. to the said General Manager, Indo German Tool Room, Ahmedabad – 382 445.

This Agreement or Guarantee shall be valid and binding on this bank up to and including _____ and shall not be terminable by notice or any change in the constitution of the aforesaid Bank or the Vendor or by any other reason whatsoever and the Bank's liability hereunder shall not be impaired or discharged by any extension of time or variation or alternation made, with or without the Bank's knowledge, by and between the Indo German Tool Room, Ahmedabad – 382 445 and the Vendor in the tender under reference. The liability under this Guarantee is restricted to Rs. _____ (Rupees _____).

This Guarantee shall remain in force up to _____. Unless a demand to enforce a claim under this Bank Guarantee is made by the Indo German Tool Room, Ahmedabad – 382 445 to the Bank or before _____ rights of the General Manager, Indo German Tool Room, Ahmedabad – 382 445, under this Guarantee shall be forfeited and the Bank shall be relieved and discharged from their all liabilities thereunder.