



ISO 9001:2008

TENDER

FOR

**SUPPLY, INSTALLATION, TESTING &
COMMISSIONING
OF
CNC MILLING MACHINE**

Tender Inquiry No. - NTSC(O)/ PRIDE /CNC-MILL /2010-11

NSIC- Technical Services Centre
(A Government of India Enterprise)
Okhla Industrial Estate, Phase III
Near Kalkaji Mandir
New Delhi-110020

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INDEX

S. No.	Description	Page Nos.
1	Notice Inviting Tender	3 to 4
2	Instructions to the Tenderers	5 to 7
3	Commercial and General Terms & Conditions	8 to 12
4	Undertaking from Tenderer	13 to 14
5	Specifications of the Machine (Annexure – A)	15
6	Format & Requirements for submitting Technical Bid – PQR (Annexure-B)	16 to 19
7	Format & Requirements for submitting Commercial Bid (Annexure – C)	20 to 21

NSIC-Technical Services Centre,
Okhla Industrial Estate,
New Delhi

NOTICE INVITING TENDER

NSIC-Technical Services Centre (NTSC), Okhla, New Delhi invites sealed tender in Two bid system (Technical & Commercial bid in two separate envelopes) from reputed Prime Equipment Manufacturers/ Authorized Distributors/ Dealers for the Supply, hstallation, Testing & Commissioning of CNC Milling Machine in their office at Okhla Industrial Estate, New Delhi.

The details are summarized below:-

a)	Name of the Project	Supply, Installation, Testing & Commissioning at site of one CNC Milling Machine with required specifications as mentioned in Annexure-A
b)	Pre-Qualification Requirement (PQR) of Tenderer	<ul style="list-style-type: none"> • The Tenderer shall be engaged in supply, Installation, Testing & Commissioning of similar machines with same or higher capacity of CNC Milling machines for at least last 10 years and shall submit a self declaration on their letter-head, in this regard along with the Technical Bid. <p>The pre qualification requirement of Tenderer is placed at Annexure-B.</p>
c)	Commercial Bid	<ul style="list-style-type: none"> • The details for submission of Commercial Bid is placed at Annexure-C
	Cost of Tender Documents	<p>The tender document can be collected from the office of General Manager of the centre as addressed on first page, w.e.f. 29th October 2010 to 12th November 2010(except Saturday & Sunday) between 10.30am to 4.30pm against payment of Rs. 200/- (Rupees Two Hundred only) (Non refundable) by way of cash/ demand draft, in favour of 'NSIC Ltd.- NTSC A/c' payable at New Delhi.</p> <p>Alternatively tender form can be downloaded from our website www.nsic.co.in from 29th October 2010 to 12th November 2010. The tender fee of Rs. 200/- in form of cash/ demand draft in favour of 'NSIC Ltd.-NTSC A/c', payable at New Delhi shall be enclosed with Technical Bid of the tender</p>

		while submitting the tender by Tenderer
d)	Earnest Money Deposit along with Tender	Rs. 1,500/- (Rupees One Thousand Five Hundred only) in the form of Cheque/D.D. in favour of 'NSIC Ltd.-NTSC A/c' payable at New Delhi shall be submitted in the Technical Bid envelope while submitting the tender.
e)	Last date of submission of tender	The complete and duly filled in tender in a sealed bigger envelope super scribed as "Tender for the purchase of CNC Milling Machine" with inquiry no. – NTSC (O)/ PRIDE/ CNC-MILL/ 2010-11 & its due date, shall be received by 15th Nov. 2010 up to 1300 hours (sharp) at the office of General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, Opposite Kalkaji Mandir, New Delhi
f)	Date of opening of Technical Bid (Envelope-1)	The first envelope containing PQR documents will be opened on 15th Nov. 2010 at 1600 hours , at the office of General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, Opposite Kalkaji Mandir, New Delhi.
g)	Date of opening of Commercial Bid (Envelope-2)	The date for opening second envelope containing commercial bid will be intimated to the qualified bidders separately.

Note: In case of any further details required, the same can be collected from the office of General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, Opposite Kalkaji Mandir, New Delhi from **29th Oct. 2010 to 12th Nov. 2010** (except Saturday & Sunday) between 10.30 am to 04.30 pm.

General Manager
NSIC- Technical Services Centre
New Delhi

INSTRUCTIONS TO THE TENDERERS

The Tender shall be submitted in accordance with these instructions and any tender not confirming the instructions as under is liable to be rejected. These instructions shall form the part of the tender and contract.

1. The intending Tenderer, in case of Prime Equipment manufacturers shall submit a **self declaration on their letter-head**, along with the Technical Bid, confirming that they are regular in manufacturing & supplying the similar machines, from last 10 years.
2. The intending Tenderer, in case of Authorized Distributor / Dealer shall possess **valid authorized Distributorship / Dealership license from Prime Equipment manufacturers**. The tenderer shall enclose the copy of the same in Technical bid while submitting the tender.
3. The person **signing** the tender form or any other documents forming part of the contract on behalf of the Tenderer shall be deemed to warranty that he has **authority to bind the Tenderer**. If subsequently comes to light that the person so signed had no authority to do so, the General Manager, NSIC - Technical Services Center (NTSC) may without prejudice to any other civil & criminal remedies cancel the tender and hold the Tenderer liable for all costs, charges and damages.
4. The tender must be placed in a properly sealed bigger envelope addressed to General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, Phase III, Opposite Kalkaji Mandir, New Delhi and the said **bigger envelope shall contain two sealed envelopes containing Technical & Commercial bids**.
5. The bigger envelope must be super scribed "*Tender for the purchase of CNC Milling Machine*" with tender inquiry number and its due date. The two sealed envelopes inside the bigger envelope must be super scribed as:

Envelope No-1: The said envelope is for technical bid & shall be super scribed as "Tender for the Supply, Installation, Testing & Commissioning of CNC Milling Machine – PQR documents"

Envelope No-2: The said envelope is for commercial bid & shall be super scribed as "Tender for the Supply, Installation, Testing & Commissioning of CNC Milling Machine – Commercial Bid".

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6. The tender should reach the office of General Manager, NSIC -Technical Services Centre, Okhla Industrial Estate, Opposite Kalkaji Mandir, New Delhi by 15th November 2010 up to 1300 hours.
7. The tenders will be opened at NTSC-Okhla on 15th November 2010 at 1600 Hours. The Tenderer or their authorized representative (One person only) may be present at the time of opening of the tender.
8. The tender shall be completed in all respect and should be **signed with date by the Authorized Signatory of Tenderer with company stamp on all the pages of this tender and these duly signed pages of the tender shall be placed with Technical Bid.**
9. The Earnest Money Deposit of Rs. 1,500/- (Rupees One Thousand Five Hundred only) by way of Cheque/ D.D. drawn in favour of 'NSIC Ltd.- NTSC A/c' shall be submitted in the first envelope superscribed as 'PQR Documents'. No cash towards EMD shall be accepted. The offers without EMD will be rejected.
10. Tender inquiry documents, if downloaded from website, Rs. 200/- as cost of tender shall be submitted by way of cash/ D.D. drawn in favour of 'NSIC Ltd.- NTSC A/c' along with the tender. D.D. shall be enclosed with the PQR documents
11. The material shall be in compliance to the specifications mentioned in Annexure- A of the tender and shall be of the latest technology, best quality and high standards. The specifications of the machine as mentioned in the Annexure- A are the minimum requirement, however higher specifications of machine may be considered subject to cost economics. The selection of specifications is purely discretion of Technical committee & General Manager of NTSC, Okhla and no representation in this regard from any tenderer would be entertained.
12. Any optional Equipment/ Accessories/ Tooling, besides the standard tooling's as detailed in Annexure-A, if offered, be provided with their full technical details including their use and advantage in a separate sheet with the PQR documents. Warranty period, if applicable, should be specified for these.
13. All the columns of the tender shall be duly, properly and exhaustively filled in. Any cutting/over writing etc. in the tender must be signed by the person who is signing the tender. The rates and units shall not be overwritten. **The financial part in commercial bid shall always be both in figures and words**

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14. Nothing extra payment shall be paid on account of any discrepancy in nomenclature of items. The Tenderer shall seek clarifications if any before submitting the tender.
15. While submitting the tender, any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender are liable to be rejected. If any Tenderer stipulates any condition of his own, such conditional tender is liable to be rejected.
16. General Manager, NSIC-Technical Service Centre reserves the right to reject any tender/ bid wholly or partly without assigning any reason and to restrict the list of qualified Tenderer for opening of commercial bid to any number deemed suitable by it from out of bids received
17. NSIC-Technical Services Centre (NTSC) have right to verify the particulars furnished by the bidder independently.
18. The Tenderer shall be agreed that the rates submitted shall remain valid for acceptance for a period of 60 days from the date of opening of Technical Bid of tender.
19. Tenderer shall take into account all costs including loading, cartage etc. for giving delivery of material at site i.e. NSIC-Technical Services centre, Okhla Industrial Estate, Opposite Kalkaji Mandir, New Delhi before quoting the rates. In this regard no claim what so ever shall be entertained. However unloading at site will be the responsibility of NSIC-Technical Services Centre.
20. The material shall be inspected on receipt at site ie. NSIC Technical Services Centre, Okhla Industrial Estate, New Delhi and supplier shall be responsible for any damage during the transit of goods.
21. All the communication with respect to the tender shall be addressed to:

**General Manager,
NSIC- Technical Services Centre,
Okhla Industrial Estate, Opposite Kalkaji Mandir,
New Delhi-110020**

22. In the event of any dispute the legal matter shall be subjected to the jurisdiction of Delhi Court only.

We confirm with our acceptance to the instructions (S.No-1 to 22 above) as given above.

TENDERER'S NAME & SIGNATURE WITH SEAL

Note for Tenderer: - Duly signed page no. 5 to 7 of this tender document i.e. "Instructions to the Tenderer" shall be duly signed & placed in Technical bid, as a part of PQR documents.

NSIC-Technical Services Centre,
Okhla Industrial Estate,
New Delhi

COMMERCIAL AND GENERAL TERMS & CONDITIONS

Nature of Goods/ Equipments: For Supply, Installation, Testing & Commissioning of One CNC Milling Machine with specifications mentioned in Annexure –A

1. Scope of Supply:

- a) The tenders shall be submitted as per the technical specifications enclosed in Annexure-A.
- b) Sealed tenders in the two cover system should be submitted in the prescribed form and should be addressed to the General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, Phase III, Opposite Kalkaji Mandir, New Delhi. The envelope should be super-scribed as “*Tender for the purchase of CNC Milling Machine*” with inquiry no. and its due date. In the said envelope, the two separate sealed envelopes shall be placed in which one envelope have “Technical bid (PQR) and second envelope shall have “commercial bid”. The authorized person of the Tenderer should sign the tender documents.
- c) The Tenderer are free to inspect the installation location in the premises of NSIC-Technical Services Centre, Okhla Industrial Estate, Opposite Kalkaji Mandir, New Delhi before submitting the quotes.
- d) The rates quoted against this tender shall be valid for a period of 60 days from the date of opening of Technical Bid of tender.
- e) Submission of the tender implies that these conditions of tender have been read by the Tenderer and is aware of the scope of the supply and the quality of the material to be supplied. The final acceptance of the tender rests with the General Manager of NSIC-Technical Services Centre, who reserves the right to accept or reject any or all tenders without assigning any reason therefore.

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2. Submission of tender:

- a) The tender received within the stipulated date and time will be opened at the office of General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, Opposite Kalkaji Mandir, New Delhi, in the presence of available tenders, on the date and time mentioned in the Notice Inviting Tender.
- b) Tenders received in open covers / letters / fax / telegram / email will not be considered.
- c) The tenders received after the stipulated date and time or tender received with conditions will not be accepted. Tenders not submitted in the prescribed form will be rejected. Tenders which propose any alternations in the conditions specified will be rejected.

3. Validity of tender:

- a) The tender shall be valid for a period of 60 days from the date of opening of the Technical Bid of tender. If any Tenderer withdraws his tender before the said period or makes any modifications in the terms and the conditions of the tender which are not acceptable to the NTSC, then the NTSC shall, without prejudice to any other rights or remedy, be at liberty to forfeit the EMD. The rates quoted in the tenders shall be treated as firm during this period of contract.
- b) Should the Tenderer for any reason whatever, withdraws the tender after it is accepted or become unable or fails to execute the orders within stipulated delivery period, NTSC shall be at liberty to cancel the order forthwith and the EMD of the tender in such a case will be forfeited by the NTSC.
- c) No representation for the enhancement of the prices of the accepted tender or alteration of the terms and conditions will be entertained till supplies are completed.

4. Offers ready stock/ Subject to prior sale:

- a) Offers from ready stock are preferred. In case the offers are subject to prior orders, the Tenderer shall indicate the period within which the ordered quantity will be supplied. The Tenderer shall note that in case tenderer is failed to supply within the period of delivery indicated in the said tender, penalty at the rate of 1% of value of the order, per week of delay subject to maximum of 20% of the order value will be levied.

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- b) The successful Tenderer shall, within a week from the date of receipt of communication of acceptance of quotes from NTSC shall intimate his acceptance of the order. The successful Tenderer shall complete supplies strictly as per the accepted delivery period.

5. Guarantee of Quality and Warranty of goods supplied :

- a) The equipments offered shall confirm to the specifications as given in tender/order and shall be guaranteed against defective design, defective quality material supplied, manufacturing defects etc. for a minimum period of 12 months from the date of Installation of CNC Milling Machine with Servo Voltage Stabiliser or 15 months from the date of supplies.
- b) The Tenderer have right to offer warranty more than 12 months from the date of Installation of CNC Milling Machine or 15 months from the date of supplies and this aspect would certainly be taken into consideration.

6. Packing :

- a) The supplier shall provide packing of the goods, as is required to prevent their damages or deterioration during the transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit.
- b) The machine & equipment shall be securely boxed, crated and protected from mechanical damage, moisture etc. suitable for both storage and transit according to the nature of the material and mode of transport.

7. Price:

- a) The price shall be firm and shall include all applicable taxes. Any variation in the taxes duties, levies etc. during the period of contract shall be to the Tenderer account. The rates quoted shall be all inclusive, but with free delivery, up to destination i.e.NSIC-Technical Services Centre, Okhla Industrial Estate, Phase III, Opposite Kalkaji Mandir, New Delhi. The Corporation will not issue Forms C and/ or D. The tenderer should note this while quoting the rates. The price shall be quoted both in figures and words.
- b) The successful Tenderer shall submit the copy of PAN Number, TIN Number registration details along with the Commercial Bid of the tender document.

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8. Delivery:

- a) The successful tenderer shall complete supplies strictly within the accepted delivery period. Material ordered by the NTSC shall be delivered FOR destination securely packed as may be necessary.
- b) The Machine & Equipments shall have to be delivered at and installed at NSIC-Technical Services Centre, Okhla Industrial Estate, Phase III, Opposite Kalkaji Mandir, New Delhi and to be operationalized to the satisfaction of the Manager (PRIDE) of NTSC.
- c) Installation & Commissioning of CNC Milling machine shall have to be carried out free of charge at NSIC-Technical Services Centre, Okhla Industrial Estate, Opposite Kalkaji Mandir, New Delhi. The comprehensive training which includes Operations, Maintenance, Trouble shooting & all other areas which are necessary for smooth functioning of machine, shall be provided to at least two persons at site i.e. NSIC Technical Services Centre by Tenderer.

9. Payment:

- a) The 80% payment will be made by the Corporation by crossed account payee cheque for which the tenderer shall send bills in duplicate (original + copy) giving the reference number of the purchase order along with copies of LR/delivery note. The tenderer shall submit the documents which shall clearly indicate that the Proper Installation, Commissioning & successful testing of Machine & Equipment is done and the said document shall be duly acknowledged by the Manager (PRIDE) of NTSC.
- b) The balance 20% payment of total bill value will be released to supplier after successful commissioning & testing of CNC Machine & on submission of indemnity bond for the warranty period etc.

10. Earnest Money Deposit :

- a) An EMD of Rs. 1,500/- shall be paid along with the tender (in Technical Bid)either by way of Cheque/DD drawn in favour of 'NSIC Ltd. – NTSC A/c' payable at Delhi. Tender is liable to be rejected in case EMD at prescribed rate is not furnished along with the tender. NSIC Technical Services Centre shall not be liable for payment of any interest on EMD.
- b) Any request by the bidders to consider their EMD furnished by them to NTSC for any other contract/ tender cannot be considered as EMD for this tender.

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- c) The EMD will be returned to the unsuccessful bidders soon after the orders are placed on the successful bidder. In case of successful bidder, the EMD will be returned along with the balance 20% payment after successful testing of CNC Milling Machine.
- d) The EMD will be forfeited in following cases:
 - I. If the bidder fails to accept the order based on his offer (bid) and within the prescribed time.
 - II. If the bidder fails to supply the CNC Milling Machine with specifications in compliance to as mentioned in Annex. –A
 - III. If the bidder delays supplies beyond a reasonable time resulting in disruption of NTSC works
- e) In case tender documents downloaded from website, Tender Fee of Rs. 200/- shall be submitted by way of cash / D.D. drawn in favour of 'NSIC - Ltd.- NTSC A/c' along with the Technical Bid of the tender documents.

11. Service Facility :

In order to ensure proper and timely after sales service, manufacturer or authorized agency shall have an office in Delhi/ NCR as well as well equipped service centres and technically qualified people or shall be able to deploy Service Personnel at short notice and attend the maintenance.

12. Claims:

- a) If the material supplied are found to be off size and shape different than those in the accepted offer and are of specifications lower than those stipulated in the accepted offer, NTSC shall have right to totally reject the goods and/or to prefer a claim for compensation for the part of goods, which are rejected. The supplier shall reimburse to NTSC, the actual expenditure incurred, on such goods, within 15 (fifteen) days of its demand.
- b) The supplier shall be responsible for arranging the rejected goods to be removed at his cost from NTSC premises.
- c) The supplier shall also compensate for losses, if any, sustained by NTSC due to defective packing and/or wrong marking of the goods.

We confirm with our acceptance to the Commercial & General Terms & Conditions (S.No-1 to 12) as given above.

Signature of the Tenderer with seal

Note for Tenderer: - Duly signed page no. 8 to 12 of this tender document i.e. "Commercial & General Terms & Conditions" shall be duly signed & placed in Technical bid, as a part of PQR documents.

NSIC-Technical Services Centre,
Okhla Industrial Estate, New Delhi

(Undertaking from Tenderer)

To,
The General Manager
NSIC- Technical Services Centre,
Okhla Industrial Estate,
New Delhi-110020

Sir,

Nature of Goods/ Equipments:	For Supply, Installation, Testing Commissioning of CNC Milling Machine
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Dear Sir,

HAVING EXAMINED AND PERUSED THE FOLLOWING DOCUMENTS

1. Notice Inviting Tender
2. Instruction To The Tenderer
3. Commercial & General Terms & Conditions
4. Technical Specifications of item (Annexure -A) for which tender issued
5. Annexure – B(Technical Bid)
6. Annexure- C (Commercial Bid)

I/Wedo hereby submit tender in prescribed formats for Supply, Installation, Testing & Commissioning of CNC Milling Machine to NSIC- Technical Services Centre (NTSC), New Delhi , completed in all respects in accordance with the conditions applicable.

If this tender is accepted, I/We agree to abide by and fulfill all the terms and conditions in the tender documents

I/We hereby distinctly and expressly declare and acknowledge that before the submission of this tender, I/We have carefully followed the instructions and I/We have understood the existing system of supply in the NTSC, including the scope and nature of duties expected from the Tenderer.

I/We distinctly agree that I/We would hereafter make no claim or demand upon the NTSC based upon or arising out of any alleged misunderstanding or misconceptions or mistake on my/our part of the said stipulations, restrictions and conditions.

Any notice required to be served on me/us shall be sufficiently served on me/us by post (registered or ordinary) or courier or left at my/our address furnished herein.

I/We fully understand the terms and conditions in the tender documents.

Dated this.....day of.....2010

Name of the Tenderer/s:

Seal:

Authorized Signatory:

With complete address, phone/fax numbers

Note for Tenderer: - Duly signed page no. 13 to 14 of this tender document i.e. "Undertaking for tenderer" shall be duly signed & placed in Technical bid, as a part of PQR documents.

ANNEXURE-A

Technical Specifications for the Supply, Installation, Testing & Commissioning of CNC Milling Machine

1.	CNC MILLING MACHINE SPECIFICATIONS
i.	Machine Capacity
	X-AXIS TRAVEL: MINIMUM 300 mm, Y-AXIS TRAVEL: MINIMUM 250 mm, Z-AXIS TRAVEL : MINIMUM 250 mm
	MINIMUM DISTANCE FROM SPINDLE FACE TO TABLE TOP: MINIMUM 220 mm
	MAXIMUM DISTANCE FROM SPINDLE FACE TO TABLE TOP: MINIMUM 470 mm
ii.	Table Size : MINIMUM 500 mm X 330 mm
iii.	Spindle & Axes
	MINIMUM SPINDLE SPEED - STD. 150 rpm or lower
	MAXIMUM SPINDLE SPEED - STD. 5000 rpm or above
	RAPID TRAVERSE - X/Y/Z AXIS : MINIMUM 10m/ min
	SPINDLE POWER (Continuous/ 30 Min.): 3.7 kW/ 5.5 kW
iv.	Accuracy : POSITIONING ACCURACY : MINIMUM 0.01 mm
v.	Automatic Tool Changer : TOOL STORAGE CAPACITY : MINIMUM 6 no.
vi.	CNC System : FANUC - Oi Mate
vii.	Tooling & Accessories which shall be supplied with CNC Milling Machine : O' Ring Set ,Spanner Set, Allen Key set Metric/ Inches, Collet Set ,Fuse Set, Pull Stud BT-30
viii	Manuals shall be included : User & Maintenance Manual for FANUC series model, Maintenance Manual for FANUC AC Servo & Spindle Motor, Operating Instructions & Maintenance Manual for Machine, Spare Parts Manual etc.
2.	SERVO VOLTAGE STABILIZER SPECIFICATIONS:
	Rating: 15 kVA (+ 10% continuous) 18 KVA (30 min. or 50% .E.D.)
	Input Voltage range: 300V - 460V AC, Output voltage range: 415V for 3 Phase, 4 Wire System (unbalanced)
	% Regulation (Max.): $\pm 1\%$ or $\pm 0.5\%$, Supply frequency: 47 - 53 Hz, Efficiency: > 98% Waveform distortion & Effect of Load P.F. : Nil
	Environment : Indoor tropical
	By Pass facility: Yes
	Accessories : Indications Output ON, Over volt, Under volt, AC Voltmeter (for I/P, O/P Voltage selector,Controls Auto / Manual selector switch, Input / Output Voltage selector switch Lower / Raise selector switch Output Volts Adjustment , Potentiometer, Protection Over / Under volt trip, Overload & S.C. through MCB, electronic overload protection and single phase preventer (P.B., contactor for U/O volt protection), Correction Rate 35 V/Sec Line to Neutral or 60 V/Sec Line to Line etc
	Instruction Manual & Warranty card of Servo Stabiliser shall be included

Note: The specifications of the machine mentioned above are minimum required, however higher specifications may be considered, subject to cost economics.

ANNEXURE-B

NSIC-Technical Services Centre,
Okhla Industrial Estate,
New Delhi

FORMAT & REQUIREMENTS FOR SUBMITTING TECHNICAL BID - PQR

1. Tender Ref. No:
2. Name of Tenderer:
3. Complete office address of Tenderer.....
4. Contact details of authorized person of tenderer who have signed the tender.
 - a. Name.....
 - b. Designation.....
 - c. Phone(office).....
 - d. Phone(Mobile).....
 - e. E mail.....
5. Opening date & time:
6. Due date & Time of submission:
7. EMD payment details.....
8. Tender fee (if uploaded from website).....
9. Delivery period after receipt of order from NTSC:..... (number of days)
10. Warranty Period..... (number of days from the date of supplies) &..... (number of days from the date of Installation & Commissioning of Machine)
11. Warranty Period for the Servo Stabiliser..... (number of days from the date of supplies/ installation)

12. Documents - Details to be enclosed with the Technical bid are as under:

- a. The Tenderer shall give a **self declaration on their letter-head**, confirming that they are regular in manufacturing & supplying the similar machines, from last 10 years, as mentioned in the tender no. NTSC (O)/PRIDE/CNC- Mill/2010-11 and has capacity & capability to execute the tender independently, in compliance to the terms & conditions contained in Tender documents.

OR

In case the indenting tenderer is authorized Distributor / Dealer, they shall have to possess valid authorized Distributorship / Dealership license from manufacturers. **The copy of the same shall be enclosed along with the technical bid of tender.**

- b. Details of buyers to whom the similar supplies completed during the last three years i.e. Supply, Installation, Testing & Commissioning of CNC Milling Machine. The detail shall be submitted as per the format placed under:
 - a. Name of work/ Project location/ procurement office details:
 - b. Scope of work:
 - c. Name/ Address / Telephone number of officer to whom reference, if required, may be made.
- c. Complete Address with Telephone numbers and email address of after-sales service centers and Support Centers as far as possible near to Okhla area in New Delhi shall be provided.
- d. The Tenderer shall clearly confirm that the tender shall remain valid for acceptance for 60 days from the date of opening the Technical Bid of the tender i.e. Valid for 60 days from the day i.e. 15th Nov. 2010.
- e. The Tenderer shall attach the duly signed on each page of these tender documents as detailed under and place along with the above Technical Bid- PQR documents.
 - a) Instructions to Tenderers,
 - b) Commercial & General terms and conditions,
 - c) Undertaking from tenderer and,
 - d) Declaration by Tenderer,

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- f. The Tenderer shall furnish complete Technical details of machine /equipment /material in detail which they are intending to supply through this tender, in the format as placed under:

	Details of specification as required in Tender by NTSC, Okhla	Details of specification offered by Tenderer
1	CNC MILLING MACHINE SPECIFICATIONS	
i.	Machine Capacity	
	X-AXIS TRAVEL: MINIMUM 300 mm	
	Y-AXIS TRAVEL: MINIMUM 250 mm	
	Z-AXIS TRAVEL : MINIMUM 250 mm	
	MINIMUM DISTANCE FROM SPINDLE FACE TO TABLE TOP: MINIMUM 220 mm MAXIMUM DISTANCE FROM SPINDLE FACE TO TABLE TOP: MINIMUM 470 mm	
ii.	Table Size : MINIMUM 500 mm X 330 mm	
iii.	Spindle & Axes	
	MINIMUM SPINDLE SPEED - STD. 150 rpm or lower	
	MAXIMUM SPINDLE SPEED - STD. 5000 rpm or above	
	RAPID TRAVERSE - X/Y/Z AXIS : MINIMUM 10m/ min	
	SPINDLE POWER (Continuous/ 30 Min.): 3.7 kW/ 5.5 kW	
iv.	Accuracy : POSITIONING ACCURACY : MINIMUM 0.01 mm	
v.	Automatic Tool Changer: TOOL STORAGE CAPACITY : MINIMUM 6 no.	
vi.	CNC System: FANUC - Oi Mate	
vii	Tooling & Accessories which shall be supplied with CNC Milling Machine: O' Ring Set ,Spanner Set, Allen Key set Metric/ Inches, Collet Set ,Fuse Set, Pull Stud BT - 30 etc	
vii	Manuals: User & Maintenance Manual for FANUC series model, Maintenance Manual for FANUC AC Servo & Spindle Motor, Operating Instructions & Maintenance Manual for Machine, Spare Parts Manual etc.	
2	SERVO VOLTAGE STABILIZER SPECIFICATIONS (Tentative)*****:	
	Rating: (As per machine requirement) KVA (+ 10% continuous)18 KVA (30 min. or 50% .E.D.), Input Voltage range: 300V - 460V AC, Output voltage range: 415V for 3 Phase, 4 Wire System (unbalanced), Supply frequency: 47 - 53 Hz, Efficiency: > 98%, Environment : Indoor tropical. The stabilizer shall have indicators like Indications Output ON, Over volt, Under volt, AC Voltmeter (for I/P, O/P Voltage selector, Controls Auto / Manual selector switch, Input / Output Voltage selector switch Lower / Raise selector switch Output Volts Adjustment , Potentiometer, Protection Over / Under volt trip, Overload & S.C.	

through MCB, electronic overload protection and single phase preventer (P.B., contactor for U/O volt protection), Correction Rate 35 V/Sec Line to Neutral or 60 V/Sec Line to Line etc Instruction Manual & Warranty card shall be included	
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******* The specifications of Servo Voltage Stabilizer, as detailed above are the specifications which NTSC feels are sufficient for the specification of CNC Milling Machine as detailed above. However, the Tenderer have right to offer best specifications of Servo Voltage Stabilizer which would be best suited for their machine, which they are offering to supply through this tender..**

HOWEVER, ONE FEATURE SHALL BE MANADATORY IN THE PROPOSED SERVO VOLTAGE STABILIZER IS THAT IT SHOULD BE EQUIPPED WITH “BY-PASS FACILITY”.

- g. The Tenderer shall submit all supporting information with respect to the technical data , drawings or booklets of product. Any product brief, test certificates available may be enclosed.
- h. Any optional Equipment/ Accessories/ Tooling, if the tenderer feels are necessary, their technical details with respect to their use and advantage, shall be given in the Technical Bid. The warranty period should also be mentioned. No price of any Machine/ Equipment/ Spares/ Accessories shall be given in Technical Bid.
- i. List of spares/ accessories, if applicable, should be attached separately with full technical details and its warra nty period .

Signature of the Tenderer with stamp

ANNEXURE-C

NSIC-Technical Services Centre,
Okhla Industrial Estate, New Delhi

FORMAT & REQUIREMENTS FOR SUBMITTING COMMERCIAL BID (PRICE BID)

1. Tender Ref. No.:
2. Name of the Tenderer:
3. Opening date & time:
4. Due date & due time of submission:
5. PAN Number of supplier (copy to be enclosed).....
6. TIN registration number of supplier (copy to be enclosed).....
7. The offer with rates for the schedule of requirements of items, as elaborated under, to be submitted. Adhering to the format given below is a Pre-requisite for considering your quotations:

Item No.	Description	2	Unit (in number/ kW/ mm/ any other to specify)	Unit Price (Rs.)	Total Amount (Qty X Unit Price) (Rs)
1.	Supply, Installation, Testing & Commissioning of CNC Milling Machine (with details of specifications offered) with Servo Voltage Stabilizer(with details of specifications offered	One set			
2.	Tooling & Accessories which shall be supplied with CNC Milling Machine as detailed in Technical Bid at Para 9(f) subPara vii.*****	One Set			
Total:					

***** If the price of item No-2 is included in the price of Item No-1, than in the column "Unit Price" of item No-2, it shall indicate "Included in Machine Price).

Contd....

8. The Tenderer shall confirm, if any, optional Equipment/ Accessories/ Tooling / Additional spares are required for better performance, the item wise price shall be given in the format as under:

Item No.	Description of each item of optional Equipment/ Accessories/ Tooling/ Additional Spares	Qty	Unit (in number/ kW/ mm/ any other to specify)	Unit Price (Rs.)	Total Amount (Qty X Unit Price) (Rs)
1.					
2.					
3.					
Total:					

9. The rate quoted above should be inclusive of basic price, statutory levies and taxes, duties, packing, forwarding, transportations & insurance etc. up to the site i.e. NSIC-Technical Services Centre, Okhla, New Delhi basis. However, statutory levies and taxes, duties, packing, forwarding, transportations & insurance charges shall be indicated on a separate sheet. **The NTSC will not issue 'C' and 'D' forms.**
10. Rates should only be quoted in the accounting units (A/U) mentioned in above format. Rates must be quoted clearly on free delivery basis at NSIC-Technical Services Centre, Okhla, New Delhi
11. Any exemption of duties/taxes required should be indicated. Also the special prices or discounts applicable to Government Undertaking or Educational Institute may be specified.

We hereby confirm that we have clearly understood the terms & Conditions as specified in the tender documents and agreed for the payment terms as specified in Para 9 of "Commercial and General Terms & Conditions" of this tender.

Further confirm that we will abide all the terms & conditions as specified in the tender and agreed for the penalty to be imposed, in case of delayed supplies from our end as specified in Para 4 of "Commercial and General Terms & Conditions" of this tender.

Signature of the Tenderer
With stamp

*****END OF TENDER DOCUMENT*****