

TIRUCHIRAPPALLI REGIONAL ENGINEERING COLLEGE SCIENCE AND TECHNOLOGY ENTREPRENEURS PARK

TIRUCHIRAPPALLI 620015

FACILITIES MANAGEMENT

Web : www.trecstep.com

Phone : 0431 2500085



Tender Notification No.: *TREC-STEP/NA- AIMEIC-NTF/2017-18/CWS/PLC-CM/007*

Dated: **11/10/2017**

TENDER DOCUMENT

- Name of the component : **PLC based Fully Automatic Double Column BAR / TUBE/ PIPE SIZING Bandsaw Cutting Machine . Size 210 mm 01 set** with Handling facility, Basic Hydraulic & coolant systems, Auto Lubrication system, Basic Guarding, installation, commissioning @ TREC – STEP Trichy & Std accessories
- Quantity required : One unit with all accessories and spares (for details refer Section 3)
- EMD Amount : Rs. 20,000/-
- Cost of the Tender Document : Rs. 150/-
- Delivery : 12 Weeks from the date of purchase order
- Last Date of submission of Tender : **03/11 /2017 at 2.00 PM**
- Address for submission of Tender : The Executive Director,
TREC-STEP- NITT Campus Tiruchirappalli,
Tamilnadu, India, Pin Code– 620015
Email: jawa_ts@yahoo.com Phone: **0431 2500085**
- Date of opening of technical bid : **03/11/2017 at 3.00 PM**
The Date of opening for Commercial Bid will be communicated through E-mail.

TIRUCHIRAPPALLI REGIONAL ENGINEERING COLLEGE
SCIENCE AND TECHNOLOGY ENTREPRENEURS PARK

Tender Notification No: *TREC-STEP/NA- AIMEIC-NTF/2017-18/CWS/PLC-CM/007* Dated: **11- 10-2017**

NOTICE INVITING TENDER

The TREC-STEP Tiruchirappalli, promoted by Dept of Science & Technology, Government of India, Govt of Tamil Nadu, IDBI, ICICI, IFCL & State Financial Institutions is proposed to procure the following machine towards valuable additions with CNC technology in the TREC-STEP common facility center for the benefit of incubators / Entrepreneurs'.

Sealed Quotations under **Two cover System** are invited for the following component subject to the following terms and conditions, from the reputed manufacturers or their authorized dealers so as to reach this office on or before scheduled date and time. The technical cover will be opened on the same day in the presence of bidders or their authorized agents who may choose to be present.

Name of the component : *PLC based Fully Automatic Double Column Bar/Tube Sizing Band Saw Cutting Machine 01 set*

Quantity required : One unit with all accessories and spares (for details refer Section 3)

EMD : **Rs. 20,000/-**

Cost of the Tender Document : **Rs. 150/-**

Time for completion of supply after placing purchase order : 12 Weeks

Last Date for submission of Tender : **03/11/2017 at 2.00 PM**

Tender to be submitted at the following address: The Executive Director,
TREC-STEP, NITT Campus
Thuvakudi
Tiruchirappalli,
Tamilnadu, India,
Pin Code– 620015

Email: jawa_ts@yahoo.com Phone **0431 2500085**

Place, Date and time of opening of bid :

Date: **03/11/2017** Time: **3.00 PM** Venue: **TREC STEP Office Room**

Note: TREC-STEP shall not be responsible for any postal delay about non-receipt / non-delivery of the bids.

INSTRUCTIONS TO BIDDERS

BIDDER'S COPY

1. This document set contains the following:
 - a) Terms and conditions of the Tender
 - b) Details of the Firm offering this Quote
 - c) Technical Compliance Form
 - c) Quotation form (Price Bid)
 - d) Currency Form (quoted on behalf of the foreign suppliers)
 - d) TREC-STEP's checklist copy
2. The bidder's copy is for your future records. Please fill in and return only TREC-STEP's copy.
3. The bidder should give details of their technical soundness and provide a list of customers of previous supply of similar items to Universities, Institutes or Government Departments/Undertakings/public sectors with contact details. The details of the agency/profile should be furnished along with the copy of all related documents.
4. Read through the terms and conditions given and affix your signature and seal if you find them acceptable. Any deviations may be recorded. Read carefully the list of specifications that we have enclosed.
5. Fill in the questionnaire regarding the Firm.
6. The downloaded documents '**Technical Compliance Form**' and '**Quotation Form (Price Bid)**' should be **TYPEWRITTEN USING CAPITAL LETTERS ONLY**. At the time of filling the "**Quotation Form (Price Bid)**" make sure that you have not missed anything. Specify the model number & specification for each item. The form should be filled item-wise. Do not leave blank fields. If you are not quoting for a specific item, you should specify "**NOT QUOTING**".
7. **Do not use** ambiguous terms like "**YES**", "**COMPLIED**" OR "**AVAILABLE**". Specifically, mention the **matching specification of the product** offered by you. Make sure that you have affixed your signature with date and seal on all the documents.
8. Please send the tenders in a sealed envelope super scribed as "**QUOTATIONS AGAINST TENDER NOTIFICATION NO: TREC-STEP/NA- AIMEIC-NTF/2017-18/CWS/PLC-CM/007, PLC based Fully Automatic Double Column Bar/Tube sizing Band Saw Cutting Machine 01 set**" so as to reach "**The Executive Director, TREC-STEP, NITT Campus, Tiruchirappalli - 620 015, India**" on or before **03/11/2017 by 2.00 PM**
9. For any further clarifications, contact by E-Mail: sanks1956@gmail.com (or) by written request to "The Executive Director TREC-STEP, NITT Campus Tiruchirappalli - 620 015, India".

Last Date for receipt of tender at TREC-STEP : 03/11/2017 by 2.00 PM

Opening Date for Tender : 03/11/2017 by 3.00 PM

CHECKLIST TO BE FILLED IN BY BIDDER	
List of documents to be enclosed	Completed & Signed
1. Terms and Conditions form	YES / NO
2. Details of the Firm offering this Quote	YES / NO
3. TREC-STEP's Quotation form (Technical & Price	YES / NO
4. Currency Form(quoted on behalf of the foreign suppliers)	YES / NO
5. Other technical specifications & pamphlets	YES / NO

Note: 1. "Cover" should contain the following:

- a. Form of "**Acceptance of Terms and Conditions**".
 - b. Form of "**Firms details**"
 - c. Pamphlets, if any (in a separate sealed cover)
2. Quotation Form (Technical, Price Bid and Currency Form)

Please retain this page with you for your future reference.
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SECTION 1: TWO BID TENDERS

1.1 Bids are to be submitted under two cover system.

1.2 Cover 1:

Cover 1 should contain the following:

- a EMD - Earnest Money Deposit (EMD) is to be remitted by way of Demand Draft drawn on any Nationalised bank in India by Demand Draft drawn on any scheduled bank in favour of “The Executive Director, TREC-STEP, Trichy” payable at Trichy should be submitted. EMD shall bear no interest. Any bid not accompanying with EMD is liable to be treated as non-responsive and rejected.**
- b Tender document cost to be remitted by way of Demand Draft drawn on any Nationalised bank in India by Demand Draft drawn on any scheduled bank in favour of “The Executive Director, TREC-STEP, Trichy” payable at Trichy should be submitted.**
- c Technical pamphlets**
- d Detailed technical specification**
- e The agency should furnish copy of license certificate for manufacture/supply of the item***
- f The agency should furnish Income Tax PAN number & GSTIN number.***
- g The agency should furnish the last three years balance sheet approved by the CA and the IT clearance certificate.***
- h Warranty period offered for the tendered item to be specified. If the warranty period is not conforming with the schedule of requirements given in Section 3 of the document, the bid is liable to be treated as non-responsive and rejected.**
- i Duly filled Part A of the Bid documents**
- j Duly filled up deviation schedules to technical specification covered in Part B**
- k Copy of supply orders completed during the last three years**
- l If the prices are revealed in the cover 1, the offer will be summarily rejected**

1.3 The cover 1 shall be superscribed as ‘Technical cover’ duly indicating the Tender reference No. and the due date of opening.

*** Appropriately pertaining to the country of origin.**

1.3 Cover 2:

Cover 2 should contain the following

Cover 2 shall contain Price only and shall be superscribed as ‘Price Cover’ duly indicating the Tender Reference No. and the due date of opening.

Each Cover shall be sent in a double sealed cover. The inner covers (Cover 1 and Cover 2) should be sealed individually with the Sellers’s distinctive seal and superscribed with the tender reference no. and due date of opening. Both the inner covers shall be placed in a common outer cover which shall also be sealed with seller’s distinctive seal and superscribed with the tender reference no. and due date of opening.

Cover 1 will be opened on the scheduled date and time mentioned in the tender enquiry.

Cover 2 of the technically and commercially suitable offers alone will be opened on a date which will be intimated to the qualified bidders by email.

SECTION 2: “TERMS AND CONDITIONS FORM”

**IMPORTANT: READ ALL THE FOLLOWING TERMS AND CONDITIONS
AND SIGN THE ACCEPTANCE CLAUSE FOLLOWING IT**

1. The offers should be addressed to “The Executive Director, TREC-STEP, NITT Campus, Tiruchirappalli 620015, India and should be sent in a sealed envelope superscribed “*QUOTATIONS AGAINST TENDER NOTIFICATION No.: TREC-STEP/NA- AIMEIC-NTF/2017-18/CWS//PLC-CM/007, Item: PLC based Fully Automatic Double Column Bar/Tube Sizing Band Saw Cutting Machine 01 set*” so as to reach us **on or before 03/11/2017 by 2.00 PM**
2. Each offer should be sent in a sealed cover with the tender documents. Tenders received through email or FAX will not be considered.
3. The tenders will be opened on **03/11/2017 at 3.00 PM** in the presence of the vendors present with an authorization letter from the respective companies/firms. Suppliers intending to attend the tender opening should intimate us in advance.
4. Full technical specifications and pamphlets should be sent along with the tenders. **Offers without proper technical specifications will be rejected.**
5. The rate quoted should be on a unit basis excluding Taxes. Taxes and other charges should be quoted separately, considering exemptions if any.
6. All offers should indicate the taxes and duties applicable if any. Additional charges for packing, forwarding, freight, insurance etc., if any, should be clearly mentioned. Clearance at Customs will be arranged by us.
7. In case the offered items are to be imported, the rates should be quoted in foreign currency on C.I.F. Chennai Airport basis, and it should include the Freight up to Chennai airport and the insurance cover should be up to TREC-STEP, Tiruchirappalli. TREC-STEP shall pay Customs duty if any.
8. If the price quoted is in foreign currency and if the order value is more than US\$10,000 then 100% payment will be made through **Letter of Credit (LC) at sight on acceptance**. If the order value is less than US\$10,000, then 100% payment will be through a Telegraphic Transfer (TT). **The bank charges outside India should be borne by the Supplier / Beneficiary. Part shipment not allowed.** If the price quoted is in Indian Rupees, then 100% payment will be made only after installation and commissioning. **No advance payment will be made.**
9. No revision of the price bid will be allowed once the price bids are opened. In case of foreign currency, the agency should mention the % of currency fluctuations they can bear.
10. No increase in price will be allowed after our firm orders are placed.
11. **Payment of GST (on ultimate products)** as applicable on the closing date of the tender will be to the supplier’s / contractor’s account. Any statutory variation (both plus and minus) in the rate of GST after closing date of tender/revised price bid but before the expiry of the contractual delivery/completion period will be to the account of the office.

The bidder(s) will indicate, in their bid, the amount with exact rate of the GST on the ultimate finished product, as applicable at tendering stage, separately in the bid. In case the above information subsequently proves wrong, incorrect or misleading (a) TREC-STEP will have no liability to reimburse the excess in the difference in rates of the item under which the GST assessed finally (b) TREC-STEP will have the right to recover the difference in case the rate of GST finally assessed is on the lower side. Any increase in, GST during an extended period of the contract/supply order will be to supplier’s / contractor’s account where such extension in the delivery of the materials/completion of the project was at the request of supplier/contractor. However, any decrease in GST during an extended period of the contract/supply order will be to the account of this office.

12. The warranty period should be clearly mentioned. The maintenance charges (AMC) under different schemes after the expiry of the warranty period should also be mentioned for 3 years.
13. The quote should come from authorized dealer or distributor or reseller for each of the product quoted. An authorization letter should accompany your quote for each product quoted; otherwise, it may lead to rejection.
14. The delivery period and other terms should be clearly mentioned.
15. Eligibility: Quotation from registered firms/company's / manufacturer under GST / other statutory bodies alone be considered. Any Manufacturer / Supplier / Dealer who has been declared ineligible by World Bank/government of India shall not be eligible to participate in this bid. Any fraudulent practices including concealing of facts at the time of submission of bid and thereafter shall lead to disqualification. List of beneficiaries especially from Educational Institutions / R & D Institutions should also be enclosed with the quotations.
16. The firm must have at least 50 installations of : *PLC based Fully Automatic Double Column Bar/Tube Sizing Band Saw Cutting Machine Size 210mm & above* within India for the desired experience of maintenance.
17. The complete user, technical and service documentation, and spare parts catalog are to be provided along with the supply of the item.
18. The vendors are informed that they should not call us over the phone or contact us in person. All clarifications can be obtained through E-Mail/FAX/Post. Vendors shall not make attempts to establish unsolicited and un-authorized, contact with us after the opening of the offers and prior to the notification of the award.
19. Any attempt by any vendor to bring to bear extraneous pressures on us shall be sufficient reason to disqualify the vendor.
20. Delay/loss in postal transit or due to other reasons will not be TREC-STEP's responsibility.
21. We are not responsible for the accidental opening of the covers that are not properly superscribed and sealed before the time scheduled for opening.
22. The tender should be made only on the "Technical compliance form" & "Quotation form" which is available on our website, otherwise, it shall lead to rejection. The technical compliance form & PRICE BID FORM should be duly filled up (preferably **TYPE WRITTEN IN CAPITAL LETTERS**) and should clearly mention the features offered by the bidder against each specification.
23. Authorized signatory should sign on all the pages. **Bids without authorized signatures will be rejected.**
24. The manufacturers of the quoted make of the product must be of national/international repute and having ISO /BIS certificate.
25. **Liquidated damages:** If the bidder/supplier, after accepting the Purchase Order, fails to deliver any or all of the Goods within the period specified in the Order, TREC-STEP shall, without prejudice to its other remedies under the Rules of Purchase, proceed to cancel the order or agree to accept a delayed delivery on the condition of payment of liquidated damages by the bidder / supplier a sum equivalent to 0.50% of the total cost as indicated in the Purchase Order (which will be deemed as agreed price) for each week or part thereof of delay until actual delivery or performance is completed and such penal charges shall be limited to a maximum of 5% of the total cost. Once the maximum is reached TREC-STEP-T may proceed on its own to consider the termination/cancellation of the order.
26. The vendors are informed that they should sign a stamp paper agreement with us, for Warranty, AMC, etc. before placing the final purchase order as per our terms & conditions and 5% of purchase order value in the form of bank guarantee towards performance security. The bank guarantee will be returned to the supplier after the successful completion of supply, installation, and the warranty period.
27. Failure to comply with all the terms and conditions mentioned herein would result in the tender being summarily rejected.
28. Vendors are informed that once the companies are shortlisted based on the technical specification, only then the price bids of the firms that meet TREC-STEP's Technical specification/requirements would be compared.
29. The order will be based on the actual requirement at the time of ordering, optional items may also be ordered based on the actual requirements and funds availability at the time of ordering. Not quoting for optional items may result in disqualification.
30. TREC-STEP reserves the right to modify or alter the specifications after short listing of tenderers.

31. TREC-STEP reserves the right to change the order quantity or split the orders among multiple vendors without assigning any reason(s) whatsoever.
32. TREC-STEP reserves the right to reject any or all the tenders without assigning any reasons whatsoever.
33. TREC-STEP reserves the right to purchase decreased number of quantity of the item to be purchased
34. The agencies should submit their rate as per the format given in Section 4 of the Notice Inviting Tender in this cover. All the pages of the bid should be signed affixing the seal. All corrections and overwriting should be initialed.
35. The tender will be accepted only from the manufacturer or its authorized supplier.
36. The bid shall be in the format of price schedule given in Section 4. The contract form as per format given in section 5 shall be submitted. Incomplete or conditional tender will be rejected.
37. Details of quantity and the specifications are mentioned in Section 3 appended to this Notice Inviting Tender

Imports: In case, goods are to be imported, the Indian agent should furnish authorization certificate by the principles abroad for submission of the bid in response to this Notice Inviting Tender.

Clarification of Tender Document: A prospective bidder requiring any clarification of the Tender document may communicate to the contact person given in this notice inviting tender.

Amendment of tender document: At any time prior to the last date of receipt of bids, TREC-STEP may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the Tender document by an amendment.

The TREC-STEP may at its own discretion extend the last date for the receipt of bids.

The bids shall be written in English language and any information printed in another language shall be accompanied by an English translation, in which case for the purpose of interpretation of the bid, the English translation shall govern.

TREC-STEP reserves the right of accepting any bid other than the lowest or even rejecting all the bids without assigning any reasons therefore. The decision of the TREC-STEP Purchase Committee is final in all matters of tender and purchase.

The bidder should give the following declaration while submitting the Tender.

ACCEPTANCE

We accept the above terms and conditions and shall comply with them strictly.

**NAME OF THE
VENDOR: ADDRESS :**

“DETAILS OF THE FIRM OFFERING THIS QUOTE”
(Write or print or type in block letters and please answer all the questions)

1. Name of the firm? 2. Date of incorporation?
3. Nature of the company - Government / Public / Private Company / Partnership / Proprietorship:
4. Specify the number of years in this line of activity by the Company:

5. Quantity of sales in the last three years for the “.....” (Same model that you have quoted)?

2014-2015	2015-2016	2016-2017

6. Turnover in the last three years (Figures should be in Indian Rupees in Lakhs):

2014-2015	2015-2016	2016-2017

7. Provide the postal address, telephone & fax numbers, and email address of the nearest service center.

8. A) Number of service engineers in the above location trained on the product quoted along with their educational qualification, certification and designation (applicable only for instruments) and B) Assured response time for service calls in hours:

A) <input style="width: 95%;" type="text"/>	B) <input style="width: 95%;" type="text"/>
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9. What would be the delivery period in days from the date we place an official purchase order.

2. Enclose the list of customers to whom you have supplied “.....” during the last 1 year ending 30/03/2017 with full postal address and name of the contact person with phone, FAX numbers, and E-Mail id. Certificate regarding the satisfactory performance of the “.....” from minimum two end users should be furnished.

3. Are you the authorized dealer or distributor or reseller for the products quoted:

4. Have you supplied “.....” to TREC-STEP, Tiruchirappalli in the last 1 year? If yes, specify the quantity supplied in the last 1 year and last PO reference

5. Was there any elapse or delay in supplying the goods ordered or any service related issue during the warranty period for the products ordered by TREC-STEP with your firm? If yes, provide details.

6. On Manufacturer's Side to whom TREC-STEP have to contact in case of delayed supply and other issues committed by the authorized dealer/distributor/reseller :

Contact Person Name:	
Address:	
E-mail ID:	Telephone / Cell Phone:

DECLARATION

I/we have not tampered/modified the tender forms in any manner. In case, if the same is found to be tampered/modified, I/we understand that my/our tender will be summarily rejected and full Earnest Money Deposit (EMD) will be forfeited and I/we am/are liable to be banned from doing business with TREC-STEP, Trichy and /or prosecuted.

Signature of the Bidder :

Name and Designation :

Business Address :
.....
.....

Place :

Date:

Seal of the Bidder's Firm

SECTION: 3 SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS

Name of the Component to be procured	:	<u>PLC Based Fully Automatic Bar/Tube /Pipe Sizing Band saw cutting machine</u> 01set
Specifications	:	Refer Annexure I Part A & Part B
Quantity	:	One unit with all attachments, accessories, and spares as per Annexure 1 Part A & Part B
Any other details/requirement	:	Refer Annexure I – Part A & B
Warranty period required	:	Minimum 2-year warranty should be provided for a continuous operation of the item, attachments, and accessories from the date of acceptance and inspection at TREC-STEP, Trichy
Delivery schedule expected after release of purchase order (in weeks)	:	12 Weeks from the date of receipt of purchase order, the order is to be dispatched to TREC-STEP, Trichy Tiruchirappalli.
EMD (in Rupees)	:	Rs. 20,000/-
Performance Security to be given by Successful bidder after release of purchase order (in Rupees)	:	5 % of the equipment Cost

SECTION: 4 PRICE SCHEDULE

[To be used by the bidder for submission of the bid]

- 1. Component Name :

- 2. Specifications (confirming to Section 3 of Tender document-enclose additional sheets if necessary) :
- 3. Currency and Unit Price(excluding Taxes) :
- 4. Quantity :

- 5. Item cost (Sl.No.3 & Sl.No.4) (in Indian Rupee) :
- 6. Taxes and other charges :
 - (i) Specify the type of taxes and duties in percentages and also in figures
 - (ii) Specify other charges in figures
- 7. Warranty period (confirming to the Section 3 of Tender document. This should be mentioned in Technical bid also in order to get qualified for Financial bid) :
- 8. Delivery Schedule (confirming to the Section 3 of Tender document) :
- 9. Name and address of the firm for placing purchase order :
- 10. Name and address of Indian authorized agent (in case of imports only) :
- 11. **Submit the Price bid as per the given format in Annexure II**

Signature of the Bidder :

Name and Designation :

Business Address :

Place :
Date:

Seal of the Bidder's Firm

SECTION: 5 CONTRACT FORM

[To be provided by the bidder in the business letter head]

-
1. (Name of the Supplier's Firm) hereby abide to deliver theby the delivery schedule mentioned in Section 3 tender document for the supply of the items if the purchase order is awarded.

 2. The item will be supplied conforming to the specifications stated in the tender document without any defect and deviations.

 3. Warranty will be given for the period mentioned in the tender document and service will be rendered to the satisfaction of TREC-STEP, Trichy during this period.

Signature of the Bidder :

Name and Designation :

Business Address :
.....
.....

Place :

Date:

Seal of the Bidder's Firm

PART A.

SECTION – I : COMPANY PROFILE

The BIDDER is requested to provide details listed in the table given below :

S.No.	PARTICULARS	VENDOR's RESPONSE
1.0	Number of Years of Experience of the BIDDER (Original Equipment Manufacturer) in the field of Design, Manufacture, Supply and Commissioning of Double Column Band saw Machines.	
2.0	Number of Double Column Band saw Machines supplied and installed till date in the following category (based on CAPACITY) with details on customers : a) Above 210 mm b) up to 210 mm	
3.0	Details on Standards or Codes followed in the Design of Band saw Machine	
4.0	Details of Manufacturing Facilities : a) Fabrication Facilities b) Heat Treatment Facilities c) Machining/Grinding Facilities d) Assembly & Testing Facilities	
5.0	Details of Quality System (with Stages of Internal Inspection) followed for the Fabrication / Machining and Testing of Band saws	
6.0	Details on AFTER-SALES-SERVICE Set-Up in INDIA for providing timely service support to TREC-STEP	

SECTION – I : QUALIFYING CRITERIA

The BIDDER has to meet the following requirements to get qualified for submitting an offer for the BAND SAW :

[Additional Sheets shall be attached with the OFFER, to provide requisite details]

S.No.	REQUIREMENTS	VENDOR's RESPONSE
7.0	Only those BIDDERS (Original Equipment Manufacturer), who have supplied and commissioned at least FIVE Numbers of Double Column Band saw with Cutting Capacity 210 mm and above (suitable for either square or circular shaped solid jobs in steel) shall quote.	

S.No.	REQUIREMENTS	VENDOR's RESPONSE
8.0	The Band saw Machines supplied under Clause No. 7.0 , should presently be working satisfactorily for more than one year after commissioning. The following information should be submitted by the BIDDER about the companies where similar machines have been supplied.	
9.0	Name of the Customer / Company where the machine is installed.	
10.0	Complete Postal Address of the Customer.	
11.0	Year of Commissioning.	
12.0	Parameters of Machine(s) supplied (parameters as mentioned in Clause 1.0 above) and application for which the machine is supplied.	
13.0	Name and designation of the contact person of the Customer.	
14.0	Phone No., FAX No. and e-mail address of the contact person of the Customer.	
15.0	Performance certificate from the customers regarding satisfactory performance of BAND SAW Machine supplied to them (Original Certificate or Through E-mail directly from the customer) in the FORMAT given Page No.4. The original performance certificate may be returned after verification by TREC-STEP, if required by the vendor.	

SECTION – III : BID / OFFER FORMAT

The BIDDER has to comply with the following, for accepting the Technical Offer for scrutiny by the Purchaser :

S.No.	REQUIREMENTS
16.0	The BIDDER shall submit the offer in TWO PARTS - Technical [with PART A & PART B] & Commercial and Price Bid.
17.0	The OFFER shall contain a comparative statement of Technical Specifications given by TREC-STEP and the Offer Details submitted by the Bidder, against each Clause. A just 'YES' or 'CONFIRMED' or 'NO-DEVIATION' or 'COMPLIES' or 'ACCEPTED' or similar words in the technical comparative statement may lead to disqualification of the Technical Offer.

S.No.	REQUIREMENTS
18.0	The Technical Offer shall be supported by Product Catalogue and Data Sheets in ORIGINAL and complete technical details of 'Bought-Out- Items' with copies of Product Catalogue
19.0	The Commercial Offer (given with the Technical Offer) shall contain the Scope of Supply and the Un-Priced Part of the Price-Bid, for confirmation of the inclusion of all the accessories, tooling, attachments, auxiliary parts, spares, consumables, etc. with the main and basic equipment, to meet the technical specification requirements.
20.0	Earlier performance and field experience (service support) with TREC-STEP (if any) will be a reckoning factor for the technical qualification of the OFFER.
21.0	The expected delivery period (including the time for Pre-Dispatch Inspection clearance by TREC-STEP) for the band saw machines is not more than Three months from the date of issue of TREC-STEP Purchase Order. In case the quoted delivery period extends beyond Three months, an additional grace period of One month is permitted, but with a loading for arriving at the PRICE COMPETITIVENESS of the Offer (if the OFFER is technically acceptable on all accounts). Details are given in the commercial terms of the this tender

PERFORMANCE CERTIFICATE – [SAMPLE FORMAT]

(On Customer's Letter
Head)

1. Supplier of the Equipment/Machine :

2. Make & Model of the Equipment :

3. Month & Year of Commissioning :

4. Application for which Machine is used :

5.
 - a. Equipment Serial Number :
 - b. Cutting Capacity of Band saw :
 - c. Power of Bandsaw Drive Motor in HP/kW :
 - d. Cutting Speed Range :
 - e. Length of Jobs / Components before Cutting :

6. Performance of the Machine :

Satisfactory/ Good
/ Average
/
Not Satisfactory

7. Feed-Back on 'After Sales Service' from Supplier :

8. Remarks / Reasons for Recommendation :

Date:
Authority

Signature & Seal of the

Issuing the Performance
Certificate

PART B

TECHNICAL SPECIFICATIONS for PLC based Fully Automatic BAR / TUBE /PIPE SIZING BAND- SAW with HANDLING FACILITY

1.0 PURPOSE / APPLICATION :

The equipment is intended for sizing of pipes, tube bundles, forged and rolled bars in square-cut condition into small and varying lengths. The number of pieces per batch vary from single digit to few tens. A pipe in-feed and cut-bit discharge (material handling facility) roller conveyor also shall form part of the supply.

2.0 JOB DETAILS:

- 2.1.0 Raw-material is in the form of seamless steel pipes and ERW pipes with protective coating on the outside surface. And forged rods and hot-rolled bars in the form of bundles are also earmarked for cutting / sizing in the proposed band-saw machine .

MATERIAL SPECIFICATION :

SA 234 WPB, WPC, WP 12 and WP 22
(As per ASTM Standards for hot-formed &
normalised forgings)

2.2.2 SA 105, SA 106 Gr.B/Gr.C, SA 210 Gr.A1/C, SA 515 Gr.70

2.2.3 SA 182 F12/F22, SA 209 T1, SA 213 T11/T22/T91
SA 335 Gr.P11/P12/P22/P91, SA 387 Gr.12/22
SA 335 Gr. P 23 / P 92 and Super 304 H

2.2.4 SA 240 TP 304, SA 312 TP 304, SA 312 TP 316

(Sl. No. 2.2.2 to 2.2.4 As per ASTM Standards)

API 5L X42, API 5L Gr.B

As per Russian GOST Standards : 12 X 1M ϕ / Steel

As per DIN Standards : X 20CrMoV12.1, 14MoV6.3,
15NiCuMoNb5

2.3.0 MATERIAL SIZES :

- 2.3.1 Job Diameter Range (for Circular Jobs) : 25 mm to 210 mm
- 2.3.2 Wall Thickness Range (for Pipes or Hollow Jobs) : 4 mm to 60 mm
- 2.3.3 Size of Tube Bundles : 200 mm x 200 mm
 Tube Diameter Range : 21 mm to 76.1 mm
- 2.3.4 Size of Rod Bundles : 200 mm x 200 mm
 Rod Diameter Range : 20 mm to 63 mm
- 2.3.5 Minimum Job Length (at In-feed side) : 500MM
- 2.3.6 Job with Maximum Length (Infeed) : 6,500 mm
 (job size : O.D. - 210 mm)
- 2.3.7 Job with Maximum Weight : 1,800
 kgs. (for job size : O.D. - 210 mm, Length – 6.5 M)

3.0 MACHINE SPECIFICATIONS :

The offered equipment shall be a high production automatic stock feed band-saw designed and built to the highest standards of quality and performance. The in-feed unit shall be powered stock feed system and have precision indexing capability to automatically feed long work-pieces weighing upto 3,000 kgs. (3 MT). The system is to include a Digital Read-Out for setting cut-off lengths and shall be located at the Operator's Control Station.

The in-feed and out-feed (discharge) conveyor length have to be extended by adding Dead Roller Table (available in segments) to the Powered Tables on either side.

Sl.No.	PARAMETERS	SPECIFICATIONS	OFFER
3.1.0	BAND SAW MACHINE :		
3.1.1	Type	Horizontal Cut-Off Band saw	
3.1.2	Cutting Capacity at 90 ° - SOLID	210 mm (for pipe outer diameter – 210mm wall thickness – 60 mm)	
3.1.3	Cutting Saw Speed Range	15 to 100 mtrs./min. (steplessly adjustable)	
3.1.4	Cutting Accuracy	Allowable Limit – Taper 0.1 mm for ϕ 300 mm	
3.1.5	Band Saw Drive Motor Power	Bidder to Specify – Bidder to give power calculations .	

Sl.No.	PARAMETERS	SPECIFICATIONS	OFFER
3.1.6	Band Saw Dimensions	Bidder to Specify	
3.1.7	Band Wheel Diameter	Bidder to Specify	
3.1.8	(Flood) Coolant Flow Rate	Around 30 to 50 lits. /min. at 3 Bar delivery pressure	
3.1.9	Coolant Pump Motor Capacity	Bidder to Specify	
3.1.10	Coolant Tank Capacity & Dimensions	Bidder to Specify	
3.1.11	Hydraulic Motor Capacity	Bidder to Specify	
3.1.12	Hydraulic Oil Tank Capacity	Bidder to Specify	
3.1.13	Oil Cooler for Hydraulic Oil [TREC-STEP preferred make is ADVANCE COOLING or any other reputed make, acceptable to TREC-STEP]	Bidder to quote for an Oil Chiller of suitable rating, to always maintain the Oil Temperature in the Oil Tank , below 45 Deg. C.	Bidder to give technical details of the Oil Chiller with the Technical Offer
3.1.14	Total Power requirement in kVA	Bidder to Specify	
3.2.0 WORK HOLDING DEVICE :			
3.2.1	Work Holding Type	Right Angle & Hydraulically Clamped	
3.2.2	Infeed System	Powered	
3.2.3	Infeed Conveyor Length - Powered	2000 mm (minimum)	
3.2.4	Dead Roller Table (connected to powered infeed table)	In segments of 1000 mm	
3.2.5	Number of Dead Roller Table for infeed side extension	Minimum 2 Nos.	
3.2.6	Discharge Conveyor Length	2000 mm – Powered	
3.2.7	Dead Roller Out-feed Table	In segments of 1000 mm	
3.2.8	Number of Dead Roller Table for outfeed side extension	Minimum 2 Nos.	
3.2.9	Cut-Length Setting Range	100 mm to 6,000 mm	
3.2.10	Feed Stroke in Single Mode	Around 500 mm	
3.2.11	Digital Measuring Unit Accuracy	± 0.1 mm / meter	
3.2.12	Cut-Off Length Feeding Accuracy	± 1.0 mm / stroke	
3.2.13	Speed and Feed Setting.	Bidder to provide a CHART showing the recommended speed & feed for the band saw, for each type of material listed under Clause No. 2.2.0	
3.3.0 DESIGN & CONSTRUCTIONAL FEATURES :			
3.3.1	Double column, horizontal feed frame, guidance by two large-section solid chromium plated columns and maintenance free sleeve bearings	Bidder to give details	

Sl.No.	PARAMETERS	SPECIFICATIONS	OFFER
3.3.2	Sturdy Base / Heavy Bed to provide rigid base to band saw machine parts/components	Bidder to give details	
3.3.3	Inclined band travel feature. designed to shorten the effective cutting length	Bidder to give details	
3.3.4	Mechanism and arrangement for accurate band/blade guidance	Bidder to give details	
3.3.5	Automatic hydraulic band tension, monitored electrically, to ensure correct band tension with system for automatic switch-off of drive	Bidder to give details	
3.3.6	Guide arm setting is to be synchronised with the adjustment of the movable vice jaw	Bidder to give details	
3.3.7	Provision to protect the saw band from overloading.	Bidder to give details	
3.3.8	Work height selector to allow raising of the band, to just clear the material stock	Bidder to give details	
3.3.9	Central guide to provide a third guide to stabilise the band at the start of the cut	Bidder to give details [minimum time to be taken for start of the cutting operation]	
3.3.10	An electric motor driven brush on either side of the blade for blade cleaning (to remove the chips from the gullets of the blade teeth)	Bidder to give details	
3.3.11	Automatic load controlled feed regulation to provide constant cutting force	Bidder to give details	
3.3.12	Band saw Feed to stop automatically once the saw band stops	Bidder to give details	
3.3.13	Flood coolant system through an electrically driven pump. Separate pump units for flood coolant and flushing of chips preferred. Chip cleaning gun for flushing to be provided.	Bidder to give details. [Coolant collection tank should not be integral part of the machine. It should be separated from the machine base and kept adjacent to chip collection bin.]	
3.3.14	The Fixed Discharge Tables shall also have the arrangement for collection of spill-over coolant (flowing from pipes/jobs) during the cutting and return to main coolant collection tank.	Bidder to give details, elaborating the features	

Sl.No.	PARAMETERS	SPECIFICATIONS	OFFER
3.3.15	Provision to set the cutting length up to the single feed stroke which is read on a digital counter and also multiple stroke counter to make it possible to multiply the number of index cycles when pieces longer than the feed stroke are to be cut.	Bidder to give details [Counter should be positioned at a suitable and proper location to avoid damage].	
3.3.16	Automatic length indexing by powered vice to work as per the preset length.	Bidder to give details	
3.3.17	The method of changing the saw band/blade should be easy and quick.	Bidder to give details	
3.3.18	The equipment shall have a centralised Operator Control Panel so that all cutting parameters can be set from one position.	Bidder to give details	
3.3.19	Saw frame lift and lowering with safety switch	Bidder to give details	
3.3.20	Solid state circuitry for control panel	Bidder to give details	
3.3.21	The equipment shall have a centralised control for setting the parameters from both Operator panel as well as on main panel.	Bidder to give details	
3.3.22	Indicators on the Main Machine Panel to display the blade speed & the blade cutting force , Clamping pressure etc.,	Bidder to give details	
3.3.23	A fluorescent machine lamp with protective cover to be provided for cutting area visibility.	Bidder to give details	
3.3.24	Replaceable Carbide strips for band guide combined with alignment rollers to provide lasting accurate band guidance.	Bidder to give details	
3.3.25	Quick change from automatic batch cutting to single cut operation.	Bidder to give details	
3.3.26	Hydraulic double vice for simultaneous clamping on both sides of the saw band operated by hydraulic cylinders with regulated clamping pressure	Bidder to give details	
3.3.27	The hydraulic hold-downs are to be provided as additional top clamping for cutting Tubes / Bars in bundle,	Bidder to give details	

Sl.No.	PARAMETERS	SPECIFICATIONS	OFFER
3.3.28	Manual control of shuttle Vice for moving work piece during set-up operations.	Bidder to give details	
3.3.29	Shuttle vice has to clamp and unclamp in sequence with machine vice. The clamping pressure has to be adjustable with respect to the wall thickness of the pipe material.	Bidder to give details [The OFFER shall also include a CHART giving the Clamp Pressure against various sizes of Pipes given under Clause No. 2.3.0]	
3.3.30	The face plates of all the vices are to be of replaceable wear plates.	Bidder to give details [The Hardness of all Wear Plates should be around 60 HRC].	
3.3.31	The Dead Roller Table provided on both Infeed & Outfeed Sides shall be interchangeable	Bidder to give details	
3.3.32	The Pitch of the rollers provided in the Roller Table shall be close enough to hold minimum size of the job pieces cut off.	Bidder to give details	
3.3.33	Material Specifications & Details	Bidder to give Bill of Materials for Roller Stands (including Infeed, Outfeed and Dead Rollers like Diameter, Thickness of Roller Pipes, Diameter of Shaft, Dimensions of Roller Stand Structure, Size of Plummer Blocks, etc.)	
3.3.34	List of band saw blades to suit the various sizes (diameter and thickness) of the job, shall be indicated through a chart.	Bidder to give details	
3.3.35	Lifting Hooks	Details on the provision of Lifting Hooks (by EOT Cranes) for the Main Machine Unit and Sub-Assemblies	
3.4.0	SAFETY FEATURES :		
3.4.1	To stop the machine immediately, if the saw blade breaks or any slip during operation, due to jamming of blade into the work-piece.	Bidder to give details	

Sl.No.	PARAMETERS	SPECIFICATIONS	OFFER
3.4.2	The machine is to be equipped with saw blade safety covers, which covers the blade except for the actual cutting area.	Bidder to give details	
3.4.3	A safety interlock to stop the machine automatically if a wheel cover is opened during operation	Bidder to give details	
3.4.4	Saw frame lift and lowering with safety limit switch	Bidder to give details	
3.4.5	For operator safety the machine vice control is to be interlocked with blade drive system (i.e, blade drive will not operate unless machine vice is clamped).	Bidder to give details	
3.5.0	OPTIONAL ACCESSORIES:		
3.5.1	Electric piece counter with display unit	Bidder to give details	
3.5.2	Chip Conveyor System with Disposal Bucket	Bidder to give details [to include screw conveyor with drive, chip collection bin with wheels and lifting hooks, suitable metallic filter mesh to be provided for separating chips and to prevent carrying over to coolant tank.]	
3.5.3	Cutting Depth Control Unit: To stop the machine automatically as soon as the blade reaches the required depth of cutting	Bidder to give details	
3.5.4	Overload Indicator :- to indicate the overloading applied to the band saw blade	Bidder to give details	
3.5.5	Blade Run-Out Detector : - To stop the machine automatically when the cutting goes taper (i.e., deviation of cutting from vertical direction).	Bidder to give details	
3.5.6	Remote Control Unit with 10 mtr. Long interconnecting cable provided with protective sheath, connected to the machine main panel for machine operations.	Bidder to give details	
3.5.7	Additional Optional Accessories which enhance the productivity of the machine to be described by the Bidder with the offer	Bidder to give details	

4.0 IMPORTANT POINTS :

Sl.No.	DESCRIPTION	OFFER
4.1.0	415V + 10% / -10%, 50HZ +/-1.5 HZ, 3 Phase AC (3 wire system with out neutral) Power Supply Source will be provided by TREC-STEP at a single point near the machine, as per layout recommended by Vendor. All types of cables, connections, circuit breakers etc. required for connecting TREC-STEP's power supply point to different parts of the machine/control cabinets, shall be the responsibility of vendor.	
4.2.0	All electrical equipment shall be Tropicalized and shall have IP 54 degree of protection	
4.3.0	All electrical control cabinets & panels should be dust and verminproof	
4.4.0	All electrical components in the cabinets should be mounted on DIN Rail	
4.5.0	All electrical panels should be provided with LED lamps for sufficient illumination and electric power receptacles of 220 Volts, 5/15 Amp. AC. All adapters/receptacles should have compatibility with Indian equivalents.	
4.6.0	Motors shall be from reputed make conforming to IEC and acceptable to TREC-STEP	
4.7.0	All electrics shall be of reputed make like Siemens, L&T, BCH, Tele-mechanique or equivalent	
4.8.0	Electrical drives shall be of Siemens / ABB / L&T / Danfoss / Eurotherm and PLC of SEW / Allen Bradley / Siemens / Messung or equivalent	
4.9.0	All components / devices / terminals are to be incorporated with ferrules.	
4.10.0	All cables moving with traversing axes should be installed in metallic cable drag chain. Additionally, all the cable trays required for laying of cables should be included in the offer.	
4.11.0	Vendor should ensure the proper earthing for the machine and its accessories.	
4.12.0	Centralized Automatic Lubricating System to be provided with metallic tubings.	
4.13.0	All hydraulic elements used shall be of standard ones and shall be of Vickers / Rexroth or any other reputed make acceptable to TREC-STEP.	
4.14.0	All hydraulic operating components to be mounted on the manifold in a centralised place on the hydraulic power pack and the POWER-PACK shall not be integral with the Machine Body..	
4.15.0	All Hydraulic hoses shall be preferably from GATES, MARKWELL, INSAFLEX, Parker Hannifin or other reputed make acceptable to TREC-STEP	

Sl.No.	DESCRIPTIONS	OFFER
4.16.0	Hydraulic circuits shall be designed with minimum number of control valves and to suit oil of ISO VG 46 or 68 only. Also MINIMESS checkpoints to be provided wherever pressure is required to be read for setting and troubleshooting.	
4.17.0	The Oil-Cooler (Heat Exchanger) shall be of Air- Cooled Radiator Type, to keep the oil temperature always below 45 Deg. C.	
4.18.0	All hydraulic solenoid valves shall be with LED indicator and suitable for 24 V DC electric supply	
4.19.0	The equipment has to be guaranteed for its performance and also of the sub-assemblies / bought-out items, for a minimum period of 24 months from the date of commissioning at TREC-STEP Works.	
4.20.0	ENVIRONMENTAL PERFORMANCE OF THE MACHINE: [The Machine shall conform to following factors related to environment]	
4.20.1	Maximum noise level shall be 85 dB (A) at normal load condition, 1 M away from the machine with correction factor for back ground noise, if necessary. This will be measured as per international standards like DIN 45635-16. Vendor to demonstrate compliance to noise level, if so required.	
4.20.2	The machine shall be suitable for an ambient temperature of +45 ° C and relative humidity of 95 % respectively, but both do not occur simultaneously.	
4.20.3	If any safety / environmental protection enclosure is required it shall be built in the machine by the vendor.	
4.20.4	Paint of the machine should be oil / coolant resistant and should not peel off and mix up with coolant. Painting shall be of two coats of SYNTHETIC ENAMEL GLOSSY FINISH APPLE GREEN PAINT . AS PER IS 5/1994.Shade :(ISC)NO-281..	
4.21.0	LEVELLING & ANCHORING SYSTEM	
4.21.1	Complete anchoring system including foundation bolts, anchoring materials, fixtures, leveling shoes etc shall be supplied for the Machine etc.	
4.21.2	Bidder to provide details on the machine foundation and possibly the tentative foundation drawing to be given with the TECHNICAL OFFER.	
4.22.0	TOOLS FOR ERECTION, OPERATION & MAINTENANCE	
4.22.1	The vendor shall bring special tools & equipment and one set of machine manual, required for erection of the machine. Necessary tools like Torque Wrench, Spanners, Keys, Grease Guns etc. for Operation & Maintenance of the machine should be supplied. List of such tools shall be submitted with offer	

5.0 MACHINE SPARES :

Sl. No.	DESCRIPTION	OFFER
5.1.0	Itemised break-up of mechanical, hydraulic, electrical spares used on the machine in sufficient quantity as per recommendation of Vendor for 2 years of trouble free operation on three shifts continuous running basis should be offered by vendor. The list to include following, in addition to other recommended spares: (Unit Price of each item of spare shall be offered)	
5.2.0	Mechanical & Hydraulic Spares: Bearings, clutches, gears and all types of pumps, Valves, pressure switches / transducers, filters, seals, O rings, Hydraulic Hoses, etc.	
5.3.0	Electrical: All types of Relays, Contactors, Proximity Switches, Push Buttons, Indicating Lamps, Semiconductor Fuses, Special Fuses, Circuit Breakers, Main Power Switch, PLC, etc.	
5.4.0	All types of spares for total machine and accessories should be available for at least ten years after supply of the machine. If machine or control is likely to become obsolete in this period, the vendor should inform TREC-STEP sufficiently in advance and provide drawings of parts / details of spares & Vendors to enable TREC-STEP to procure these in advance, if required.	
5.5.0	Vendor to confirm that complete list of spares for machine and accessories, along with specification / type / model, and name & address of the spare Vendor shall be furnished along with documentation to be supplied with the machine.	

6.0 INSPECTION & MACHINE ACCEPTANCE :

Sl. No.	DESCRIPTION	OFFER
6.1.0	The Machine shall be offered for inspection and performance prove-out trials, for the design capabilities of the machine, at Vendor's Works by TREC-STEP Engineers, before dispatch.	
6.2.0	The Bidder shall train TREC-STEP Personnel in Operation and Maintenance (Mechanical and Electrical / Electronics) of the Machine at Vendor's works. The prove-out trials (at Vendor's Works and at TREC-STEP Works) shall be for the job sizes given at the time of technical discussions / order release.	
6.3.0	The Bidder shall depute his engineer(s) - who are capable of understanding English language and effective communicating ability - for supervising the erection and commissioning of the machine at TREC-STEP Works. Service requirement like power, air & water shall be provided by TREC-STEP at only one point to be indicated by BIDDER in their layout drawings.	

7.0 DOCUMENTATION :

Sl. No.	DESCRIPTION	OFFER
7.1.0	THREE sets of following documents (Hard copies) in English language should be supplied along with the machine	
7.1.1	Detailed Operation and Maintenance manual of machine with all drawings of machine assemblies / sub-assemblies /parts including Electrical / Pneumatic/ Coolant/ Hydraulic circuit diagrams. All Assembly/ Sub Assembly Drawings shall be supplied with the part list with component specification / BOM also. Component drawings for all wearing parts to be provided.	
7.1.2	Catalogues, O&M Manuals and drawings of all bought out items, bearings wherever applicable.	
7.1.3	Electronic and electrical interconnecting drawings (i.e. Between machine, control panel and drives). Hard Copy in Original : 3 Nos.	
7.1.4	Hydraulic, coolant, lubrication and Electrical circuits with Bill Of Materials	
7.2.0	Detailed specification of all rubber items and hydraulic/lube fittings	Hyd. Cylinder seals 'O' ring and Hyd. Hose dimension are to be given. Manual should have all bearing details.
7.3.0	The vendor shall submit complete Master List of parts used in the machine.	
7.4.0	One additional set of all the above documentation on CD ROM, wherever possible.	

8.0 FOUNDATION :

Sl. No.	DESCRIPTION	OFFER
8.1.0	TREC-STEP shall construct complete foundation for the machine. Vendor shall furnish the foundation details.	Bidder to confirm

9.0 SCOPE OF SUPPLY:

[The Un-Priced Commercial Offer shall contain the following details]

S. No.	DESCRIPTION	OFFER
9.1.0	Basic Band-saw Machine with Standard Accessories	
9.2.0	Hydraulic Power Pack and Connected Circuitry with Tank	
9.3.0	Electrically run Flood Coolant Circulation System and Tank	
9.4.0	Complete Set of Work Holding Devices suitable for the listed sizes of Pipes given under Clause No. 2.3.0	
9.5.0	Remote Control & Optional Accessories as recommended by the Bidder	
9.6.0	Inter-connecting Cables (with Plug-In connectors) and Hoses (with Quick-Fix couplings)	
9.7.0	Complete range of Band-saw Blades in packs of five numbers for the sizes of jobs specified in ANNEXURES	
9.8.0	Complete set of Spares for Mechanical, Hydraulic, Electric and Electronic elements as per Clause 5.0	
9.9.0	Set of Operating and Maintenance Tools	
9.10.0	Inspection and Performance Prove-Out at Vendor's Works	
9.11.0	Training in Operation & Maintenance of the total system for TREC-STEP Personnel	
9.12.0	Complete set of Documents as per Clause 7.0	
9.13.0	Erection & Commissioning at TREC-STEP Works and Machine Prove-out Trials for various sizes of jobs	

Annexure II

PRICE BID FORMAT FOR INDIGENOUS PURCHASES

Tender No. & Date:

Name of the Bidder:

S. No.	Description of the item to be procured	Unit	Quantity	Basic Price in Rupees (Excluding all taxes and duties)	IGST %	SGST %	CGST %	Total Amount in Rupees (Inclusive of all taxes and duties)
1	Supply Portion/ Main item (<i>under the letterhead of the bidder Individual Item wise break price shall be attached as an Annexure to this price bid</i>)							
2	Additional / Optional items/ Accessories and Spares etc., (<i>Individual Item wise break price shall be attached as an Annexure to this price bid</i>)							
3	Installation and Commissioning Charges, if any							
4.	Packing and Forwarding Charges, if any							
5.	Freight and Transit Insurance Charges, if any							
6.	Any other charges, if any							
7.	TOTAL ALL INCLUSIVE PRICE (Supplied or Supplied, installed and commissioned at TREC-STEP on door delivery basis. (i.e., F.O.R.							
8	QUOTE FOR POST WARRANTY (Additional Warranty beyond the free warranty period): For Equipment supply, the bidder should clearly indicate the AMC Rate, for two years period, after the expiry of the Warranty period, in non-comprehensive terms (does not include the cost of spares). Failure to which the offer may NOT be considered even it turns out to be at the lowest price. The tender will be evaluated on Landed Cost + AMC rate for 2 years. However, TREC-STEP, Tiruchy reserves the right to opt or otherwise for AMC, for maintenance of the equipment after the free warranty period.							

Authorized signatory of Bidder with Seal

PRICE BID FORMAT FOR IMPORTS

Name of the Material/ Equipment

Name of the **Manufacturer**

MAKE of the Material/ Equipment

MODEL Number if any

Country of Origin:

S. NO	Item wise description of Goods/ Materials/ Equipment to be supplied from Foreign Country	Quantity	Rate Per Unit (In Foreign Currency)	Amount (in Foreign Currency)
1	Ex works price of the Main item/ material/ equipment			
2	Ex Works Price of the Additional/ Optional items, if any			
3	Ex works Price of Accessories and Spare Parts if any			
	Total Ex Works Price (in Foreign Currency)			
4	Educational Discount, if any, offered on the Ex-Works price			
5.	Ex-Works Price after Discount (in Foreign Currency)			
6.	Add: Packing and Forwarding Charges if any from the Ex-works to loading Port/ Airport			
7.	Total FOB Price (in Foreign Currency)			
8.	Add: Air Freight, Insurance and Handling Charges upto Chennai Airport			
9.	Total CIF Value (Up to Chennai) or CIP Value (Up to Chennai) in Foreign Currency			
10.	TOTAL ALL INCLUSIVE TOTAL PRICE PAYABLE BY TREC-STEP IN FOREIGN CURRENCY			

11	QUOTE FOR POST WARRANTY (Additional Warranty beyond the free warranty period): For Equipment supply, the bidder should clearly indicate the AMC Rate, for two years period, after the expiry of the Warranty period, in non-comprehensive terms (does not include the cost of spares). Failure to which the offer may not be considered even it turns out to be at the lowest price. The tender will be evaluated on landed cost + AMC rate for 2 years. However, TREC-STEP, Tiruchy reserves the right to opt or otherwise for AMC, for maintenance of the equipment after the free warranty period.			
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Authorized signatory of Bidder with Seal