



Centre of Excellence in Welding Engineering & Technology
PSG College of Technology
Coimbatore - 641 004



NOTICE INVITING TENDER

A Centre of Excellence in Welding Engineering (COEWET) and Technology has been established by PSG College of Technology under the auspices of Department of Heavy Industry (DHI), Ministry of Heavy Industries & Public Enterprises, Government of India and sanctioned under “Enhancement of Competitiveness in Indian Capital Goods Sector”, scheme of Government. Short term sealed tenders are invited for each of the following items, separately from reputed manufacturers / suppliers by The Director, COEWET, PSG College of Technology, Coimbatore to augment the facility of Centre.

Tender Schedule

- (1) Tender No. : COEWET/Tech-III/2017/307/Rev.0
(2) Approx. Estimated Value : Rs. 50 Lakhs
(3) Date of Tender Document sales start : 22.12.2017 (10.00 hrs. onwards)
(4) Date of Tender Document sales ends : 17.01.2018 (16.00 hrs.)
(5) Last Date for Receipt of Tender : 18.01.2018 (16.00 hrs.)
(6) Date of Opening of Technical Bids : 19.01.2018 (14.00 hrs.)

Items:

Sl. No.	Name of the Item	Qty (Nos)	Cost of tender document in Rs.
1.	OXYGEN, NITROGEN, HYDROGEN ANALYSER	1	5900

The Tender Document including Technical Specifications, Conditions of Contract and other information can be obtained from Centre of Excellence in Welding Engineering and Technology, PSG College of Technology, Peelamedu, Coimbatore – 641 004 between 09.00hrs and 1600 hrs on any working day on or before the last date indicated above on payment of the above mentioned amount towards cost of tender document. The tender document can also be downloaded from the PSGTECH website:www.coew.psgtech.ac.in. Tender documents downloaded from website are exempted from payment of tender fee towards the cost of tender document.

A pre-bid meeting will be held on 02.01.2018 at 10.00 hrs. at Centre of Excellence in Welding Engineering & Technology, PSG College of Technology, Peelamedu, Coimbatore to clarify queries that may be raised at that stage meeting. The tender may be cancelled, withdrawn or postponed at any time by Centre of Excellence in Welding Engineering & Technology, PSG College of Technology without assigning any reason.

COE - WELDING

**Centre of Excellence in Welding Engineering & Technology
PSG College of Technology**

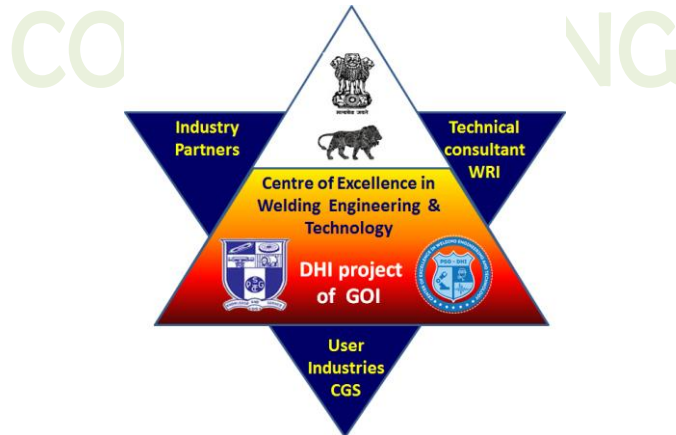
Peelamedu, Coimbatore - 641 004, Tamil Nadu, India

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Centre of Excellence in Welding Engineering & Technology
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TENDER DOCUMENT

Tender No. : COEWET/Tech-III/2017/307/Rev.0
Date : 22.12.2017
Total Items :1 Nos.
Approximate Cost : Rs. 60 Lakhs

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Note: Interpretation of any term / word / clause lies with Centre of Excellence in Welding Engineering & Technology.

1. DETAILS OF TENDER AND TENDER NOTICE

Tender in sealed cover is invited by the Centre of Excellence in Welding Engineering & Technology (hereinafter would be referred as COEWET), PSG College of Technology (hereinafter would be referred as PSG) from manufacturers/authorized agents for supply of items given in Annexure 2 of this Tender document. Interpretation of the terms & conditions and other related issues in the Tender would lie with COEWET. Tender documents can be obtained from COEWET, PSG, Peelamedu, Coimbatore - 641 004, Tamil Nadu, India. The tender documents can also be downloaded from the website of PSG at www.coew.psgtech.ac.in Tender fee for tender documents down loaded from website is exempted. Tender documents are available from **22.12.2017: 10.00 hrs. to 17.01.2018: 16.00 hrs. at the COEWET.** Last date for submission of duly filled up sealed tender at COEWET, PSG is **18.01.2018 16.00 hrs.** Technical bids will be opened on **19.01.2018 at 14.00 hrs.** at Centre of Excellence in Welding Engineering & Technology (COEWET), PSG College of Technology. A pre-bid meeting will be held on **02.12.2017:10.00 hrs.** at COEWET to clarify queries that may be raised at that stage.

COEWET reserves the right to accept or reject any or all the bids either in full or in part at its discretion without assigning any reason thereof.

2. SUBMISSION OF BIDS:

Tender shall be submitted for the item listed in Annexure 2 in two parts: Part A and Part B.

Part A shall be Technical Bid comprising the following:

- (1) A Covering Letter in the Letterhead of the Bidder, in the format given in Annexure – 1
- (2) Compliance to Technical Specifications in the format given in Annexure – 2 (Use the relevant Specification Sheet pertaining to the particular equipment / item). At the end of specification sheet, the authorized person shall specify as “all the above technical specifications will be complied with” and sign. Give the exact specifications complied with the equipment / item, against the required specifications. Authorized person shall also sign each page of the relevant specification sheet alone.
- (3) Compliance to Terms & Conditions in the format given in Annexure 3. Authorized person shall specify as “All the terms & conditions will be complied with” at the end of this Annexure. Authorized person shall also sign each page of this Annexure.
- (4) Bill of materials without price (including pre-installation materials / tools / consumables).
- (5) Profile of Bidder’s Organization including status of the organization (individual / proprietorship / company etc), Products manufactured / dealt with, turn over for the past three years, experience in the manufacture / dealing of the product being quoted, proof that the bidder is manufacturer / authorized agent for the equipment / item quoted.
- (6) Letter of authorization for signing the tender. This shall include the full name of person authorized to file the tender, designation, office address, FAX No Email address and contact phone Nos. (including mobile no.)

- (7) List of reputed customers to whom similar equipment / item and model has been supplied, along with contact details of the customer-organizations with names, phone numbers and email addresses. Enclose documentary proof of having supplied to the required number of customers as given in technical specifications.
- (8) Brochure / catalogues, any other technical details.
- (9) Addendum to Tender document, signed in all pages by the authorized person.
- (10) Details of pre-installation requisites like consumables, space, electric power, compressed air, water / gas supply, working table etc.
- (11) Compliance to Delivery schedule – in format given in Annexure 4, with authorized person's signature.
- (12) A copy of the certificate for the calibration of similar makes and model of equipment / item for which bid is submitted from an accredited calibration laboratory.

Part B of the Bid will be commercial bid that shall comprise the cost details, in format given in Annexure 5. Total cost of the item and accessories required for effective functioning of the equipment / item, including the control system, printer, packaging & forwarding, taxes etc. shall be duly filled and signed. No amount other than the total indicated above shall be payable on any account. Annual maintenance charges for the next three years after the expiry of the warranty period shall be specified in the same format.

All the documents related to Part A shall be placed in a cover superscribed as "Cover A: Technical Bid" and sealed. Documents related to Part B shall be placed in a cover superscribed as "Cover B: Commercial Bid" and sealed. There shall be a separate cover superscribed as "Cover C: EMD". This Cover C shall contain EMD fee (DD / Bank Guarantee in format given in Annexure 6). Bidder's address and contact details shall also be contained in Cover C. All the three covers shall be placed in a larger cover and sealed, with Tender No., Name of the item quoted and the Bidder's name and contact details superscribed on this larger cover.

**FORMAT FOR COVERING LETTER
IN THE LETTER HEAD OF THE BIDDER**

To

The Director
Centre of Excellence in Welding Engineering & Technology
PSG College of Technology
Coimbatore - 641 004

Sir,

Sub: Supply of Equipment /Item to COEWET, PSG College of Technology.

Ref: Your Tender No. COEWET/Tech-III/2017/307/Rev.0 dt.22.12.2017

-
- 1) Having examined the conditions of Tender and Specifications of the equipment / item: (Name of the item), we offer to supply equipment / item as per the specifications given in the tender along with standard spares / accessories as specified.
 - 2) The tender document duly signed on all pages is enclosed, in two parts – Part A containing the Technical Bid and Part B containing Commercial Bid.
 - 3) Earnest Money Deposit (EMD) as required under the Terms and Conditions of the Tender is enclosed in Cover C in the form of Bank DD / Bank Guarantee in favour of “PSG - COEWET” payable at Coimbatore.
 - 4) We agree to abide by the terms & conditions mentioned in this tender during the entire period when it remains active.
 - 6) If our tender is accepted, we undertake to supply the equipment / item, install the same at **COEWET, PSG Campus, Peelamedu, Coimbatore** within the specified period mentioned by us.
 - 7) We agree to supply consumable, spare parts and replacement of the broken/damaged/non-compatible parts during the warranty period, free of charge, as per the terms and conditions.
 - 8) We agree to train the personnel of COEWET, PSG free of charge, as per the terms and conditions.
 - 9) If our tender is accepted we will obtain and arrange Security / Performance deposit at the rate 5% of the total cost of the equipment in the form of DD/BG and will submit it along with accepted purchase order within 10 days.
 - 10) We will also comply with any other statutory obligation, prior to commencement of supply of equipment / item.
 - 11) We agree for the validity of our tender up to **19.07.2018 (Till 6 months)**.

- 12) We understand that unless and until a formal Agreement / order is prepared and issued by COEWET, PSG, this tender together with our written acceptance thereof, shall constitute a binding contract between us and COEWET, PSG.
- 13) We declare that only tender documents, as issued for submitting this bid have been made use of by us and agree to comply with terms and conditions contained therein.
- 14) We understand that you are not bound to accept the lowest or any other tender you may receive.
- 15) We agree to make a presentation of the products to be supplied by us, before the Purchase Committee, if need be, on a mutually convenient date.

Authorized Signatory of Tenderer

Date

Name

Designation / Capacity

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List of items with Technical Specifications

Sl.No	Equipment / Item Name	Qty (Nos)	*Cost of tender document Rs.	EMD amount in Rs.
1	OXYGEN, NITROGEN, HYDROGEN ANALYSER	1	5900	100000

* Tender documents downloaded from website are exempted from payment of tender fee towards the cost of tender document.

Technical Specifications of the individual items are given in the following pages.

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OXYGEN, NITROGEN, HYDROGEN ANALYSER

Intended Equipment is to be used for precise individual measurement of elements – Oxygen, Nitrogen and Hydrogen (Diffusible) content in welded metal samples. Readings shall be made available directly in a PC and shall be able to be recorded.

1.0 Technical Specification:

Sl	Requirement	Compliance
1.1	<p>Materials to be tested</p> <p>A. Iron base alloys</p> <p>B. Ni base alloys</p>	
1.2	<p>Measurement of diffusible hydrogen by Thermal Conductivity detector</p> <p>A. Measurement range - 0.05 to 1000 ppm</p> <p>B. Resolution - 0.01 ppm</p> <p>C. Temperature range - RT to 900°C</p> <p>D. Sample dimension and test method shall pertain to EN ISO 3690 / AWS A4.3</p> <p>E. Reproducibility shall be ± 0.01 ppm or ± 1 % RSD whichever is greater</p>	
1.3	<p>Measurement of Oxygen and Nitrogen</p> <p>A. Detection Method shall be through Independent Non-Dispersive Infrared detector and Thermal Conductivity detector for Oxygen and Nitrogen respectively</p> <p>B. Measurement Range – 0.1ppm to 500 ppm</p> <p>C. Resolution – 0.01 ppm</p> <p>D. Impulse furnace type with built in optical pyrometer</p> <p>E. Temperature – 2400°C or better with provision for contact free optical sensor temperature control furnace cooling system</p> <p>F. Reproducibility shall be ± 0.05ppm or ± 1 % RSD whichever is greater</p>	
1.4	<p>Calibration & Operation</p> <p>A. Analyzer shall possess provision for Single point, two point or multi point calibrations for certified reference materials.</p> <p>B. Programmable automatic cleaner shall be incorporated for cleaning the electrodes after a programmable number of sample analysis.</p> <p>C. Auto cleaner shall be equipped with standard vacuum cleaner cleaning the furnace zone.</p>	

1.5	<p>Measurement control and interface</p> <p>A. Graphical on-line display of all signals - temperature, time, carrier gas flow rate and hydrogen concentration.</p> <p>B. State-of-the-art PC with touch screen monitor and external interfaces to control / visualize furnaces and hydrogen measurement</p>	
1.6	<p>Mandatory Accessories</p> <p>A. Gas calibration unit</p> <p>B. Certified Reference Materials as per ISO Guide 34 and ISO 17025 for 2000 analyses</p> <p>C. Consumables for 2000 analyses</p> <p>D. Necessary software</p>	
1.7	<p>Optional Accessories</p> <p>A. Necessary water cooling system that shall be integrated with the equipment.</p> <p>B. Analytical balance - weighing range for samples meeting EN ISO 3690 standard (0.1 mg to 220 g), including external calibration weights, data interface with measurement PC and necessary connections that shall be integrated with the equipment.</p> <p>C. Gas Purifier Unit</p>	
1.7	<p>Necessary supply/details to be provided</p> <p>A. Total footprint of the system (LxBxH)</p> <p>B. Maximum power and power consumption by other accessories</p> <p>C. Total weight of the system</p> <p>D. Personnel safety accessories (goggles, masks etc.)</p> <p>E. Flow diagrams and electrical line diagrams</p> <p>F. Consumable and spare parts list and reference cards</p> <p>G. Operational safety and health hazardous information</p> <p>H. Installation and commissioning support</p> <p>I. Maintenance instructions</p> <p>J. Operators manuals (user, advanced user and expert levels manuals)</p>	

2.0 Pre-Qualification Criteria:

Bidder must have supplied a similar kind of machine to at least two Central Government Organization (DRDO, ISRO, IGCAR, ARCI, CSIR and allied) / PSU (Maharatna) / IIT (Bombay, Delhi, Kharagpur, Kanpur, Madras, only) / IISc (Bengaluru) in the last 10 years.

Documents pertaining to its conformity (photocopies of Purchase Order / User Certificate) and their contact details shall be enclosed in cover C; failure to this compliance leads to disqualification. PSG may contact users for feedback on performance and after-sales service support for evaluation. PSG may demand demonstration of the equipment if required during evaluation in a location as close as possible.

3.0 Pre dispatch Inspection and testing:

Vendor shall inform PSG readiness of equipment for pre dispatch inspection in advance. PSG may depute its representative / team to the Vendor works for pre-dispatch inspection. All expenses including travel from PSG to Vendor works shall be borne by PSG. Pre dispatch inspection schedule shall include demonstration of all parameters of the equipment and application trials as per specification of the equipment.

4.0 Installation and commissioning:

- A. The vendor shall supply, transport and install all the equipment at Centre of Excellence in Welding Engineering and Technology, PSG College of Technology, Coimbatore.
- B. All the tools, accessories & peripherals required for successful installation and demonstration at Centre of Excellence in Welding Engineering and Technology shall be sourced by the vendor with no additional charges.

5.0. Training:

Training shall be provided in two phases; one during installation for minimum 5 days and another after 3 months and for minimum span of 3 days. If training is scheduled at vendor's facility, local expenses and hospitality shall be borne by the vendor.

6.0. Warranty:

The vendor shall provide minimum 24 months warranty for all the equipment with all its components from the date of acceptance by Centre of Excellence in Welding Engineering and Technology, PSG College of Technology.

6.0. Delivery schedule:

Supply & acceptance of all the equipment shall be completed within 60 days from the placement of purchase order.

NOTE: Refer II (A) and II (B) for detailed terms and conditions in addition to aforementioned.

TERMS AND CONDITIONS**TERMS & CONDITIONS - GENERAL**

1. Tender documents shall be issued by COEWET, PSG College of Technology, Coimbatore to manufacturers / authorized agents. COEWET, PSG, Coimbatore will be the tender issuing authority.
2. Modifications, if any, made in the above documents will be made available through an Addendum, through the COEWET web site www.coew.psgtech.ac.in before the due date of the tender. One copy of this Addendum should be signed, sealed and submitted along with the technical bids. The bidder shall not make any additions / deletions to or amend the text of the documents except in so far as may be necessary to comply with any addenda issued. The bidders shall use only tender documents as issued for submitting their bid and shall comply with terms and conditions mentioned therein.
3. Tender document shall be duly signed by the authorized person of the supplier on all pages without any deletion or addition other than addenda released.
4. The full name of the person authorized to file the tender, designation, current and main office address, Phone Number, Fax Number and E-mail address shall be indicated in the tender.
5. Tenders sent through E-mail, Fax and Telex will not be entertained.
6. The tender shall be filled in English. All accompanying literature and correspondence shall also be in English.
7. No claim for costs, charges, expenses incurred by the bidder in connection with preparation of tender for submission and for subsequent clarifications of their tender shall be accepted.
8. COEWET will not be responsible for any typographical errors/ ambiguity/ additions / omissions committed by the bidder while filling up of the tender.
9. Submission of a bid by a renderer implies that the bidder has read all terms and conditions, and has made himself aware of the scope and specifications of the items to be supplied, availability of materials, local conditions and other factors bearing on the execution of the supply.
10. The bidder shall be deemed to have full knowledge of documents and no extra charges consequent on any misunderstanding or otherwise shall be allowed.
11. Any questions regarding the tender document and discrepancies shall be directed to the Tender Issuing Authority in writing and / OR mail to office.coew@psgtech.ac.in before the date of pre-bid meeting. The Tender Issuing Authority may issue all clarifications, interpretations, meanings and

specific directions, if any after pre bid meeting, in the form of an Addendum. One copy of the same shall be returned duly signed and seal affixed along with the bids.

12. Intending bidders, who have downloaded Tender Documents from our said websites are advised either to remain in touch with Tender Issuing Authority, COEWET, PSG TECH, through writing or visit our named website at intervals deemed fit, so that they will not get left out from being informed as and when addenda / corrigenda/ clarifications, interpretations, meanings and specific directions, if any, are issued.
13. The bidder shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender and about the rates quoted by him and cover all his obligations under the tender.
14. Bids submitted by manufacturers and authorized agents (copy of manufacturer's authorization letter to be enclosed) only shall be considered.

15. Earnest Money Deposit:

Tender must be accompanied by Earnest Money Deposit (EMD) for an amount stated in Annexure-2 separately for each item that is being quoted for, in the form of DD / Bank Guarantee in favour of "PSG - COEWET", payable at Coimbatore. In case of bank guarantee, the format in Annexure 6 of this document shall be used. Separate bank guarantee should be provided for each item quoted. Note that the bank guarantee format given is to be used only for EMD. **EMD shall be paid in Indian currency only.**

The EMD of unsuccessful bidders will be returned on or before the 30th day after the award of the contract.

The EMD of for successful bidders will be returned after receiving the security / performance deposit. (Read point 16 for details on security / performance deposit).

The EMD shall be forfeited if the tenderer withdraws his offer after the tender opening, during the bid validity period or after the award of contract. COEWET, PSG shall not be liable for payment of any interest on EMD any depreciation thereof.

Any offer not accompanied with the EMD shall be rejected summarily as non-responsive.

16. Security deposit and performance security :

A security deposit at the rate of 5% minimum of the total cost in the form of Bank DD or Bank Guarantee shall be collected from the successful bidder and shall be held back as security deposit till successful installation, trial and training and subsequently as performance security deposit till the end of completion of the free services. In case of Bank Guarantee, the format given in Annexure 7 shall be used. The amount shall be returned after 60 days after the completion of all contractual obligations including warranty obligations or completion of the free services. If the performance is not satisfactory or warranty obligation or free service are not completed, the amount will not be returned. COEWET, PSG shall not be liable for payment of any interest on security/performance deposit or any depreciation thereof.

17. Authority of signing:

If the tender is submitted by an individual, it shall be signed by that individual.

If the tender is submitted by a proprietary firm, it shall be signed by the proprietor.

If the tender is submitted by a partnership firm, it shall be signed by all the partners of the firm or by a partner holding the power of attorney for the firm for signing of the tender, in which case, a certified copy of power of attorney shall accompany the technical bid.

If the tender is submitted by a company or a corporation, it shall be signed by a duly authorized person or the person holding the power of attorney for signing of the tender, in which case a certified copy of the power of attorney shall accompany the technical bid.

18. Price & Currency bid:

The tender shall be filled up in English with a neat hand / type writing and all the figures and words shall be legible.

The rates shall be written both in words and in figures. The bidder shall also show the amount of each item, the total of each section and the grand total of the whole tender.

Correction(s), if any, shall be made by crossing out, initialing with date and rewriting.

In case of conflict between the figures and words in the rates, the latter shall prevail.

The tenders shall be verified by the bidder for accuracy in the arithmetical calculations, prior to submission.

19. Validity of the tender: Quoted rates shall be valid till 19.07.2018 (6 months) or to an extended date as agreed upon mutually. The Bidder shall not withdraw or revise or alter any condition(s), rate(s) quoted within this stated period, unless he is called upon to do so on mutual agreement / negotiations.

20. Opening of tender:

The Tender shall be opened by the nominated person(s) of COEWET, PSG at Coimbatore, at the time, date and venue specified in the tender document.

21. Acceptance of Purchase Order:

A copy of the purchase order received by the successful bidder shall be signed and returned as a token of acceptance of the terms and conditions, along with the specifications, of the Purchase Order. Security deposit of 5% will be collected and retained till successful installation, trial and training, subsequent to which it will be retained as performance security deposit till the end of the

warranty period and the amount will be returned after 60 days after the completion of all contractual obligations including warranty obligations.

The EMD for successful bidders will be returned after receiving the security / performance deposit.

22. **Criterion for rejection:**

COEWET reserves the right to accept or reject any tender or reject all tenders without giving any reason whatsoever for their decision.

Tenders liable to be rejected are those in which any of the prescribed particulars / information is either missing or incomplete in any respect and / or if the prescribed conditions are not fulfilled. Tenders which are found to be technically non-responsive shall be rejected and their commercial details shall not be considered.

Canvassing in connection with tender is strictly prohibited and tender submitted by bidder who resorts to canvassing will be liable to rejection. Tenders containing specific conditions of the bidder, other than the terms and conditions given in the tender document, and not acceptable to COEWET, are liable to be rejected.

If the validity of the tender is not up to **19.07.2018 (Till 6 Months)** the tender is liable for rejection.

If the tender document is not duly signed by the authorized person on all pages, the tender is liable for rejection.

COEWET, PSG caters to a wide range of customers / stake holders including manufacturers / exporters. Hence, Purchase Committee may at its discretion, give preference to more popular brands of equipment and items, which are generally believed to out-perform and output results that are widely accepted nationally and internationally and the decision of the Committee on this score will be final.

Before submission of the tender, the prospective bidders are expected to examine technical specifications of the equipments/items required, terms and conditions, etc., given in this tender document. Failure to furnish all information required in the tender document may result in the rejection of the bid.

COEWET, PSG reserves the right to cancel items, from the stated list of requirement of equipments and items, without assigning any reason thereof.

23. It should clearly be noted that all contracts resulting out of entering into a formal agreement / issue of a purchase order for procurement of any item will be interpreted under Indian Laws and for all disputes the jurisdiction will be Coimbatore only.

24. In case of any dispute or difference between COEWET, PSG and the supplier in respect of/arising out of the transaction right from the stage of submitting tender shall be referred to the decision of the sole arbitrator to be appointed by COEWET, PSG and the decision of the said arbitrator will be final and binding upon the parties and all concerned.

TERMS AND CONDITIONS – SPECIAL

- A. All accessories and start up kit required for installation and commissioning of the equipment are to be specified and to be included in the CIF / CIP value. (The equipment/Item will be placed in new lab, so add all the items. If any short supply is noticed at a later stage, the supplier will take responsibility for supply of the same).
- B. All consumable and spare parts required for normal operation of the equipment / item for 3 years after commissioning shall be supplied by the vendor with no additional charges. Broken/damaged parts shall be replaced by the vendor with no additional charges during the guarantee / warranty period. The list of these items should be clearly mentioned in a separate sheet without cost. These items should not be included in the CIF / CIP value.
- C. The terms of payment in case of indigenous equipment/item shall be as follows:
- 100% of the total price of the equipment/item will be paid after successful commissioning of the equipment item, demonstration of satisfactory performance and imparting training to the technical personnel of COEWET, PSG.
- D. The bidder shall deliver the equipments/items (FOR) inside the premises of COEWET, PSG at good conditions.
- E. The suppliers of equipment/item shall provide adequate training as mentioned in respective equipment/item specification enclosed for at least 2 technical personnel of COEWET, PSG, including trouble shooting etc and make them confident of operating the same independently at free of cost. If it is not done, the performance security amount will not be returned.
- F. The bidder shall adhere to the delivery period of the equipment / item as committed by him. Penalty for non-execution of the order within the delivery period and also for non execution of commissioning and training shall be 1% of the total cost (Without Tax)(CIF/CIP / FOR) of the equipment / item for every week of delay.

Request for any amendments required in the purchase order shall be addressed to the Director COEWET, PSG within 5 days from the date of issue of purchase order. Delivery period will be remaining unchanged.

Should the delay become unavoidable due to some unforeseen reason, this fact together with proper justification for the same should be communicated to the Director, COEWET, PSG and his written permission should be obtained to avoid penalty. The decision of the Director, COEWET-PSG on matters relating to grant of extension of time will be final and binding on the bidder.

- G. During the warranty period, regular servicing / maintenance shall be undertaken free of charge, including the replacement of defective parts / travel cost, etc. Subsequently, servicing / maintenance should be undertaken by the authorized agency of the manufacturer / supplier as per the annual maintenance contract conditions.

- H. Operation manuals, calibration procedures and other instruction documents should be provided along with each of the equipment in English version only.
- I. Terms for service contract (comprehensive or non-comprehensive) after the expiry of warranty period are to be clearly stated.
- J. The Control Systems like computer and printer, compatible to the main equipment / item, are to be supplied from indigenous sources with latest configuration and licensed operating system.
- K. If the bidder is not himself a manufacturer but, is participating in the tender as the agent of the manufacturer, authorization letter of the manufacturer to the bidder for marketing and servicing the equipments in India should be enclosed along with the technical bid of the tenderer. In the absence of such authorization, the tender will not be considered at all.
- L. In case of short supply / damaged condition or wrong supply of equipment / item, its parts or accessories or supply of items in damaged condition, it is the responsibility of the bidder to arrange for the supply of the required items in good working condition as per the purchase order within a reasonable time at supplier's own cost. Any additional expenditure, whatsoever, for the above will be borne by the bidder only. In case of issue of purchase order for local items which is required for the imported item, the same should be supplied before the delivery of the imported goods.
- M. The specifications given in this document are minimum requirements only. The bidders are free to offer equipments / items with better features (including attachments) also. During evaluation, suitable weightage may be given for those who exceed the minimum specification within indicated budget. Offers falling short of minimum requirements will not be considered favorably. If different models are quoted, the cost details may be given in separate sheet.
- N. Orders for the supply of items, once placed with successful bidder, are non- transferable and no sub-contracting is permitted. COEWET, PSG reserves the right to cancel the order in such an event.
- O. Any non-fulfillment of the stipulations given above will make the bid invalid.
- P. The bids shall first be evaluated for their "technical responsiveness" which shall inter-alia include,
 - i. Enclosure of EMD and Tender Document fee being applicable in those cases, where tender document was downloaded from our websites,
 - ii. Compliance to technical specifications of the item for which the bid is submitted,
 - iii. Adherence to the warranty period,
 - iv. Documentary proof that the bidder has supplied the equipment/item to specified number of reputed customers for the past specified number of years as given in the Technical Specification.
 - v. Details regarding the service centers, stocking of spares etc.

- vi. Confirmation about the supply of Certified Reference Materials / Samples for checking the performance of the testing items, wherever applicable.
 - vii. Compliance to all other relevant and critical terms and conditions of the tender.
 - viii. Validity of the tender up to **19.07.2018 (Till 6 months)**.
- Q. The commercial details of those bidders who are technically responsive only shall be evaluated based on the following criteria:
- (i) Total price of the item as CIP / CIF, Chennai for imported items.
 - (ii) Total price (FOR) of the indigenous items including delivery charges up to COEWET, PSG,Peelamedu,Coimbatore.
 - (iii) AMC charges for **three** years after the expiry of the warranty period.
- R. Fluctuations in foreign exchange rate in respect of imported equipments / item shall be borne by the equipment / item supplier or authorized agent only.

COE - WELDING

DELIVERY SCHEDULE FOR INDIGENOUS /IMPORTED EQUIPMENT/ITEM

S.No.	Equipment / Item	Delivery Schedule – maximum time limit	Vendor Compliance
1	Indigenous Item	2 months from the date of issuing of Purchase Order, unless otherwise specified in the Technical Specification of the respective item.	For the Item: _____
2	Imported Item	3 Month from the date of issuing of Purchase Order / issue of LC	For the Item: _____

COE - WELDING

FORMAT FOR FILLING UP OF COST DETAILS

(Cost particulars shall be given in this format equipment / item-wise separately)

Note: All the cost particulars shall be furnished either in Indian Rupees or Foreign Currency. If more than one model of the equipment / item is quoted, use separate sheets.

Part 1: Cost details of imported equipments / items:

Name of the Equipment / Item:		
S.No.	Cost Details for Foreign Components	Cost with currency
i)	Total CIP / CIF Chennai cost for the supply of equipment inclusive of all demands – like, taxes & duties, inspection, packing, forwarding & handling charges, insurance charges, freight charges, start up items / Pre-installation items, spares and consumables for 2 year trouble free operation, and all other changes. Detailed break-up shall be given separately. Optional items shall be quoted separately. The bidder has to quote charges for 'Erection & Commissioning' separately if applicable. Payment of E&C value shall be made on satisfactory completion of erection, commissioning, job proving, performance tests, training to operators etc as envisaged in PO.	
	LC opening only after PSG receiving the Pre-dispatch Inspection call / intimation of readiness of the ordered items, from the supplier. The L/C can be negotiated after shipment against submission of B/L or AWB and other documents as mentioned in the Purchase Order. The above L/C will be valid for a maximum period extending 21 days beyond the shipment date for negotiation of documents based on the transit time required.	
ii)	AMC details:- AMC rate per year (comprehensive / non comprehensive) for the next 3 years after the expiry of warranty period including the accessories (Two preventive and one break down visits)	1 st Year : 2 nd Year : 3 rd Year :
Delivery schedule of the equipments/items		_____ months

Part 2: Cost details of Indigenous equipments / items:

Name of the Equipment / Item:		
S.No.	Cost Details for Indigenous items	Cost in Rupees
i)	Total cost inclusive of all demands – like, taxes & duties, inspection, packing, forwarding & handling charges, insurance charges, freight charges upto COEWET, PSG, Coimbatore, start up items / Pre-installation items, spares and consumables for 2 year trouble free operation, and all other charges. Detailed break-up shall be given separately. Bill of materials must be submitted along with this. Optional items shall be quoted separately.	
ii)	AMC (Including calibration) details:- AMC (Including calibration) rate per year (comprehensive / non-comprehensive) for the next 3 years, after the expiry of warranty period including the accessories (Two preventive and one break down visits)	1 st Year : 2 nd Year : 3 rd Year :
Delivery schedule of the equipments/items		_____ months

Part 3:

S. No.	Details of Requirement for Opening L/C. (Imported items only)
1	Foreign Supplier's Name and Complete address on whom L/C will be opened
2	Foreign Supplier's Bank Account No. and Swift Code
3	Port of shipment
4	Country of Origin
5	Period to keep open the L/C – (Validity of L /C)
6	Period of negotiation will be 21 days
7	Delivery Schedule from the date of issue of Purchase order

PROFORMA FOR BANK GUARANTEE FOR EARNEST MONEY DEPOSIT

(TO BE OBTAINED FROM A NATIONALISED BANK IN INDIA)

Ref: _____ Date: _____ Bank Guarantee No: _____

In accordance with invitation to Tender Notice No.COEWET/Tech-III/2017/301/Rev.0 for procurement of equipments/items and accessories under Centre of Excellence in Welding Engineering & Technology, PSG College of Technology, Peelamedu, Coimbatore – 641 004(COEWET), M/s. _____ (BIDDER'S Name & Address) (herein after referred to as BIDDER) wishes to participate in the said tender and a Bank Guarantee for the sum of Rs._____ (Rupees_____) valid up to **19.07.2018** is required to be submitted by the Bidder toward the Earnest Money Deposit for -----(Item Name)

1. We _____ (Banker's Name and branch) (Hereinafter referred to as 'the Bank') at the request of the BIDDER do hereby unequivocally and unconditionally guarantee and undertake to pay during the above said period, on written request by COEWET, PSG an amount not exceeding Rs._____ to the COEWET, PSG, without any reservation. The guarantee would remain valid up to **19.07.2018 (Till 6 months)** and if any further extension to this is required, the same will be extended on receiving instruction from the BIDDER on whose behalf this guarantee has been issued.
2. We the bank do hereby further undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the COEWET, PSG stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the COEWET, PSG by reason of any breach by the said BIDDER of any of the terms or conditions or failure to perform the said bid. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (in words).
3. We, the bank undertake to pay the COEWET, PSG any money so demanded not withstanding any dispute or disputes so raised by the supplier(s) in any suit or proceeding instituted/pending before any court or Tribunal relating thereto, our liability under this agreement being absolute and

unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the supplier(s) shall have no claim against us for making such payment.

4. We the bank or our local branch at Coimbatore further agree that the guarantee herein contain shall remain in full force and effect during the aforesaid period i.e. **19.07.2018 (Till 6 months)** and it shall continue to be so enforceable till all the dues of the COEWET, PSG under by virtue of the said Bid have been fully paid and its claims satisfied or discharged or till COEWET, PSG certifies that the terms and conditions of the said bid have been fully and properly carried out by the said BIDDER and accordingly discharges in guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the **19.08.2018 (Till 7 months)** we shall be discharged from all liability under this guarantee thereafter.
5. We, the bank or our local branch at Coimbatore further agree that the COEWET, PSG shall have the fullest liberty without our consent and without affecting in any manner our obligations here under to vary any of the terms and conditions of the said bid or to extend time of performance by the said BIDDER from time to time or to postpone for any time or from time to time any of the powers exercisable by the COEWET, PSG against the said BIDDER and to forbear or enforce any of the terms and conditions relating to the said bid and we shall not be relieved from our liability by reason of any such variation, postponement or extension being granted to the said BIDDER or for any forbearance act or omission on the part of the COEWET, PSG, or any indulgence by the COEWET, PSG, to the said BIDDER or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision, have effect of so relieving us.
6. This guarantee will not be discharged due to the change in the name, style and constitution of the Bank or the BIDDER.
7. We, the bank or our local branch at Coimbatore lastly undertake not revoke this guarantee during its currency except with the previous consent of the COEWET, PSG in writing.
8. We, the bank further agree that this guarantee shall also be inviolable at our place of business at _____ in the state of _____ dated _____ day of 2018.

9. Notwithstanding anything contained herein above

- I. Our liability under this Bank guarantee shall not exceed Rs. _____/- (Rupees _____ only)
- II. This Bank guarantee shall be valid upto **19.07.2018 (Till 6 months)** and
- III. We are liable to pay the guaranteed amount or any part thereof under this Bank guarantee only and only if you serve upon us a written claim on or before **19.08.2018 (Till 7 months)**.
- IV. Witness (signature, name & address) for _____ (Indicate the name of bank)
 1. Power of Attorney No. _____
 2. Date _____

SEAL OF BANK

COE - WELDING

PROFORMA FOR BANK GUARANTEE FOR SECURITY DEPOSIT AND PERFORMANCE SECURITY

To: _____ (Name of Purchaser)

WHEREAS (Name of Supplier) hereinafter called "the supplier" has undertaken, in pursuance of Tender No Dated and purchase order No Dated 2018 to Supply..... (Description of Goods and Services) hereinafter called " the order".

AND WHEREAS it has been stipulated by you in the said order that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the order.

AND WHEREAS we have agreed to give the Supplier a Guarantee: THEREFORE we hereby affirm that we are Guarantors and responsible to you, on behalf of the supplier, up to a total of (Amount of Guarantee in words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the order and without cavil or argument, any sum or sums within the limit of (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of20... (Ref purchase order)

Signature and Seal of Guarantors

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Date20.....
Address
.....
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