



केन्द्रीय हस्त औज़ार संस्थान, जालन्धर
CENTRAL INSTITUTE OF HAND TOOLS, JALANDHAR

भारत सरकार की सोसायटी
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय

Government of India Society
Ministry of Micro, Small & Medium Enterprises



ISO 9001:2008
ISO 14001:2004
Certified Institute

E-TENDER NOTICE

Central Institute of Hand Tools, Jalandhar invites online tender through E-Tendering from the reputed suppliers/manufacturers for the supply of CNC Laser Engraving & Cutting Machine (01 No.) For ESTC Ramnagar & Robotic MIG/SAW welding stations (02 No.) for CIHT Jalandhar. Interested bidders can download tender document from the **website: www.eprocure.gov.in**. Last date and time for the submission of E-tender is **14.07.2020, upto 4.00 PM**. Detailed information is also available on CIHT **website: www.ciht.in**.

Sd/-
PRINCIPAL DIRECTOR



सूक्ष्म , लघु और मध्यम उद्यम मंत्रालय
Ministry of Micro, Small & Medium Enterprises

(E-Procurement)

TENDER DOCUMENT FOR
SUPPLY, INSTALLATION & COMMISSIONING OF
ROBOTIC MIG/SAW WELDING STATIONS (02 No.)
WITH ACCESSORIES.

Tender No: _____

Purchaser:

The Principal Director, Central Institute of Hand Tools
G.T. Road, Bye-Pass, Jalandhar-144008 (Punjab), India

Critical Date Sheet

TENDER REFERENCE	
Published Date	Date 6.07.2020
Bid Document Download Start Date	Date 6.07.2020
Clarification Start Date and Time	Date 6.07.2020, Time 09:00 hours
Clarification End Date and Time	Date 9.07.2020, Time 17:00 hours
Date and time of pre-bid Meeting	Date 13.07.2020, Time 11:00 hours
Bid Submission Start Date and Time	Date 6.07.2020, Time 09:00 hours
Bid Submission End Date and Time	Date 14.07.2020, Time 16:00 hours
Time and date of receipt of original documents as per	Date 15.07.2020, Time 15:30 hours
Time and date of online opening of bids	Date 15.07.2020, Time 16:00 hours
Officer Inviting Bids	The Principal Director, Central Institute of Hand Tools G.T. Road, Bye-Pass, Jalandhar-144008 (Punjab) India

IMPORTANT INSTRUCTION: Bidders should read and comply with the instructions given in tender documents. Submission of tender shall mean that the bidder has read and understood all the terms and conditions including the special terms and conditions of the tender, if any and agrees and binds himself/themselves to the same. Tender documents on stationery with bidder's letter head clearly showing the Bidder's complete name and address duly signed manually or digitally by the bidder and witnesses at appropriate place to be submitted otherwise their bid (s) is/are liable to be rejected.

-
1. Online bids under two bid systems for **“Robotic MIG/SAW welding stations (02 No.)”** are invited from reputed manufacturers/Authorized Resellers under Terms & Conditions governing the contract given/attached herewith.
 2. Part I: This part should be clearly marked “Part I - Technical bid”, indicating Tender No., Due Date and Address & Reference of the Bidder. This part should contain all the **Technical details with deviation statement, copies of documents as per point No. 16, Copy of original standard printed catalogue, list of customers to whom the particular tendered machine/equipment supplied during last 3 financial years along with copies of Purchase orders executed (Please refer clause No. 10) & check list for documents submitted along with unpriced commercial bid.**
 3. Part II: This part should be clearly marked “Part II - Price bid”, indicating Tender No., Due Date and Address & Reference of the Bidder. This part should contain Detail **Commercial Bid/BoQ** as per the format provided in tender document.
 4. Part III: This part should contain proof of Tender Fee & Earnest Money Deposit. If exempted, Copy of valid NSIC/MSME Registration Certificate for the **particular tendered Machine/Equipment/Item** to be submitted. If the exemption certificate for the particular tendered machine not submitted, then the offer shall be treated as non-responsive and will not be considered for evaluation.

5. Date and time upon which Tenders shall be received and opened are indicated in Critical Date Sheet Page. **A pre bid meeting** (Preferably by WebEx) will be held on date and time as specified in the critical date sheet at Conference Room, CIHT, Jalandhar to clarify the queries/issues raised by the prospective bidders.
6. Tenders are to be submitted online through the portal <https://eprocure.gov.in/eprocure/app> on or before the stipulated date and time. **Bids submitted manually will not be accepted.**
7. Central Institute of Hand Tools, Jalandhar reserves the right to accept or reject any or all bids in whole or in part, and to annul the bidding process and reject all bids at any time prior to contract award, without assigning any reason whatsoever and without thereby incurring any liability to Bidders. In case of annulment, Earnest Money Deposit shall be promptly returned to the Bidders.
8. Technical detail should contain complete specification of goods/scope of related services/list of deliverables with all technical and commercial terms and conditions. Bidders have to confirm the Technical and Commercial specifications. If there is any deviation(s), the same should be clearly specified in a separate sheet along with covering letter. If there is no deviation, nil deviation should be mentioned per line specification.
9. Commercial part should contain the schedule of price particulars co-related to the Bill of Quantities/format for the price schedule provided along with the bid with detail terms and condition. The total all-inclusive F.O.R price at the destination has to be quoted with bifurcation of transportation, insurance, loading & un- loading at final destination, taxes and duties (with rates) and other charges.

10. **Post-Qualification Requirements:**

After determining the lowest-evaluated bid in accordance with the tender Clause No. 14, the Purchaser shall carry out the post qualification of the Bidder using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

Note: Notwithstanding anything stated below, the purchaser reserves the right to assess the Bidders capabilities and capacity to execute the contract and provide after sales services satisfactorily before the contract award;

(A) If Bidder is a Manufacturer:

(i) Experience and Technical Capacity:

The bidder must be a manufacturer, in the business of manufacturing of various type and capacity of **Robotic MIG/SAW welding stations** for at least 3 years prior to bid opening, who has manufactured, supplied, erected/commissioned the offered machines/equipment and shall meet the following criteria:

- (a) Should have manufactured the different capacity/type of **Robotic MIG/SAW welding stations equal to twice the quantity** mentioned in the "Schedule of Requirements" of the tender during the last 3 years prior to the date of bid opening.
- (b) The bidder should have supplied the particular tendered machine or similar type & capacity machine of **at least 50%** of the quantity indicated in the "Schedule of Requirements" (which the bidder proposes to supply), during the last three years prior to the date of bid opening.
- (c) At least 30%* (of the quantity mentioned in the "Schedule of Requirements") for the machines equipment of same or similar type & capacity supplied by the bidder, should be in successful operation for at least for one (1) year prior to the date of bid opening.

To demonstrate the above, the Bidder shall furnish details of experience and past performance for the machines/equipment offered and for those of similar nature and submit Performance statement as per "Performa for Performance Statement" attached in annex. Performance certificate duly signed and sealed from the authorized signatory of the user to be submitted along with offer.

* Fractions of 0.5 or more would be rounded off to next higher number and fractions of less than 0.5 shall be ignored. However, where the quantity works out to a fraction less than 1, it shall be considered as 1.

(ii) Documentary Evidence:

The bidder shall enclose copy/copies of the contract(s) executed during last 3 financial years (included in Performance statement) prior to date of bid opening for supply of the same or similar type & capacity of machines as offered.

(B) If Bidder is not manufacturer:

(a) If a Bidder is not a Manufacturer, but is offering the machines/equipment on behalf of the Manufacturer under Manufacturer's Authorization Form, the bidder shall demonstrate the above qualifications (A) (i) & (ii) and submit all necessary documents of the manufacturer.

(b) The Bidder (Authorized representative of the manufacturer) shall demonstrate that bidder has been in the business of supplying particular tendered machine/or similar type and capacity during last 3 financial years prior to the bid opening date and has supplied and serviced Machinery/Equipment during the period in India. To demonstrate this, the bidder shall furnish Performance statement for last three years as per Performa for Performance Statement.

11. Delivery term shall be CIP/DAP final destination. (List of final destination as per delivery schedule). The term CIP/DAP & Final destination shall have the meaning defined in Incoterms 2010. In addition, the supplier or representative of the supplier shall arrange Insurance till final destination, customs clearance of the goods (For overseas suppliers) at the port of destination and the unloading of the goods at final destination. The necessary documents required for customs clearance shall be provided and customs duty shall be paid by the individual consignee. **Delivery term other than above shall not be accepted.** For avoiding delay in customs clearance (in case of overseas supplier) pre alert notice/document to be provided well in advance. Otherwise demurrage if any to be borne by supplier.
12. Tender should be submitted by the reputed Original Equipment Manufacturers (OEM)/or their authorized dealers/resellers who are meeting the qualification criteria as per clause No. 10 B. Proof of authorized dealers /resellers to be submitted along with offer from the OEM mentioning the tender ref no and date as per the format provided in the bid document. OEM should provide the self-declaration in case they are participating directly. **Conflict of interest as per clause No. 27 may be referred.**
13. The bid validity period shall be for 120 days from the date of opening of the bid.
14. CIHT will compare the evaluated prices of all substantially responsive bids to determine the lowest evaluated bid. The all-inclusive price quoted by the bidder in BOQ/Price schedule in line with BOQ (inclusive of all taxes and duties) shall be taken for comparison. For evaluation and comparison purposes, the currency(ies) of the Bid (if quoted in currency other than INR) shall be converted in INR as per the RBI exchange rate (reference rate) prevailed on last date of bid submission of tender or the latest rate available on a previous date.
15. Taxes applicable at the time of supply are to be mentioned in the price schedule. GST No. with HSN Code of items quoted to be mentioned in the offer.
16. Supplier's GST No., PAN No. & Bank Details should be mentioned in the tender positively.
17. The concerned supplier will arrange marine/transit insurance till final destination (as per list provided in delivery schedule). No enhancement of rate for whatever cause will be allowed once the tender is accepted. Withdrawal of the tender or failure to make the supply within the scheduled period will entail cancellation of the order & forfeiture of Earnest Money Deposit/Security deposit.
18. **Purchase Preference Policy Linked with Local Content (PP-LC):**

Under this policy the bidders are allowed to avail the purchase preference linked with attaining the stipulated local content. The indicative manner of implementation of policy for this tender is given in Annexure-I. Detail policy is as per Order No. P-45021/2/2017-PP (BE-II), Ministry of Commerce & Industry, Department for Promotion of Industry and Internal Trade, (Public Procurement Section), Govt. of India.

19. Specifications of the item quoted/Bill of quantity should be listed in the tender documents as per the tender format and copy of Printed catalogues should be attached. Original printed catalogue of the tendered item to be couriered before opening date. The Model of the items and its Catalogue should be spelt out clearly. **Machine/equipment/item quoted without standard printed catalogue shall not be considered for evaluation. Specifications as mentioned in the standard printed catalogue shall be considered for technical comparison.** The detailed specifications of the product should also be displayed in the official website of the tenderer/OEM so as to cross check the product while evaluating the technical bid. If there is inconsistency in specification provided in catalogue and website, decision of the evaluation committee shall be final.

- a. Specifications and rate of each item of the standard accessories should be given separately
- b. Additional accessories recommended by the supplier can be quoted separately.
- c. **A deviation statement indicating any non-compliance of the offered product with reference to the tendered technical specifications should be invariably provided. In case there is no deviation, nil deviation statement should be submitted.**
- d. The contents of the tender should be clear, specific & self explanatory. Comments like OK are not acceptable, instead exclusive or inclusive should be written. In case of ambiguity the decision of CIHT shall be final.
- e. Wherever there is significant inconsistency, specifically stipulation in the Technical Specifications as a part of bidding document and not complied by the bidder, in such cases, no clarifications shall generally be called [e.g. any response meeting the Technical Specifications should be supported by documents like catalogue, test charts etc. as specified in the bidding document. The bidders shall be considered non-responsive for non-submission of catalogue/test chart. However, CIHT reserves the right to ask for clarification in case of genuine doubt and bid containing contradictory information, which is in general be for minor, non-material issues.

20. Inspection:

- a. CIHT reserves the option of inspecting the goods at supplier's works prior to packing and dispatch. Supplier shall provide all In house facilities for carrying out the inspection.
- b. Internal test report/Type test report from Central Govt./NABL/ILAC Accredited lab covering all technical requirement to be supplied prior to dispatch of the machine for pre-dispatch inspection waiver at supplier's premises if the purchaser so decides.
- c. However, Inspection at final destination after supply and installation shall be final.

21. Unloading of the machine at each destination, shifting and keeping in position, Installation, Commissioning & training (at supplier's site minimum 2 persons for minimum 1 week) shall be responsibility of the supplier at their cost.

22. Earnest Money Deposit (Refundable) & Tender Fee (Non-Refundable):

Sr. No.	Brief Description	Quantity (Nos.)	Earnest Money Deposit* (INR)
1	Robotic MIG/SAW welding stations	2	Rs.1,40,000

The Online tenders shall be submitted on eProcurement portal upto 16.00 Hrs on 14.07.2020 (if no corrigendum is issued in this regard). The tenders should be accompanied by interest free Earnest Money (Refundable) as per detail given above. **The Tender Fee (non-refundable) is Rs.1,000/- (One Thousand only).**

The Bidder should submit the Earnest Money and Tender Fee through RTGS/NEFT in the stipulated CIHT's Saving A/C No.1344000101288347 with IFSC Code No.PUNB0134400 in Punjab National Bank, DAV College, Jalandhar (Punjab).

The scanned copy/soft copy of RTGS/NEFT acknowledgement of such deposit shall be uploaded alongwith the Technical Bid. Tenders not accompanied by Tender Fee & Earnest Money/Proof of valid Exemption Certificate shall be summarily rejected.

[Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or registered with the Central Purchase Organization are exempted from depositing EMD & Tender Fee on submission of proof of registration alongwith Technical Bid of the tender].

23. Performance Security/Performance Guarantee:

Within 21 days of receipt of notification of award of contract, the successful bidder shall furnish the performance security for 10% of the order value valid up to 60 days beyond the warranty period and further revalidating till the warranty in case of replacement during warranty period. The performance security shall be in the form of Bank Guarantee as per the format to be provided at the time of award of contract. The Bank guarantee shall be issued by a Bank located in the purchaser's country (Nationalized or Scheduled commercial Bank in India) or issued by a reputed foreign Bank and routed through a correspondent Bank (Nationalized or Scheduled commercial Bank in India). On receipt of the Performance security the contract/Purchase order shall be placed on the responsive lowest bidder. Performance security shall be returned after submission of individual PBG for 10% of the consignee billing value of the respective destination before final payment. Individual PBG should be valid for 60 days beyond the warranty period.

24. Guarantee:

- a. The supplier shall furnish minimum **One Year Guarantee** after installation and commissioning for defect free operation with specified accuracies.
- b. The supplier shall also provide free After-sales-service, free replacement of defective parts and all the software update and upgradation during the Guarantee period.
- c. During warranty period, breakdown call should be attended within 72 hrs along with replacement of spares, if any. In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/replaced material shall be extended to a further period of twelve (12) months subject to a maximum period of eighteen (18) months from the date of delivery.

25. Delivery:

- a. Delivery of the goods will have to be made to the consignees at the places mentioned in Part-III (List of Goods and Delivery Schedule/Schedule of Requirements).
- b. Supplies shall be securely protected and the goods packed against loss, damage etc. marking and consignee details shall be as per the Purchase Order.
- c. Delivery period of machines/items should not exceed 2 months from the date of placement of LOA/Purchase Order. The technical bid must contain the delivery schedule. Since delivery schedule is the essence of every contract, **Bidders has to agree the delivery schedule by signing the terms and condition of the tender or mention the delivery schedule in their letter head failing which offer is liable to be rejected.**
- d. A penal charge @ ½ % of the order value for delay of every 15 calendar days or part thereof beyond the agreed delivery period to the extent of maximum 5% will be levied.
- e. CIHT reserves the right to cancel the order or a part thereof in case of delay beyond the agreed delivery period, forfeiting the earnest money/security deposit.
- f. The goods to be dispatched only through reputed transporter having All India Permit on Freight paid Door Delivery basis. Unloading of the machine at each destination and shifting up to the position to be arranged by the supplier at their cost.

26. Payment:

80% Payment of basic value of machine shall be made by the individual consignees within 15 days of receipt of item in good condition along with invoice, Consignee Receipt Certificate (CRC). Balance payment with full taxes shall be made after successful commissioning, training and final acceptance and on submission of Performance Bank guarantee for 10% of order value valid till 60 days beyond the warranty period claim for balance payment, Final Acceptance Certificate and GST paid proof.

For overseas suppliers 100% payment shall be made by irrevocable Letter of Credit. 80% payment shall be discharged on receipt of shipping document at sight. Balance 20% payment shall be discharged after deduction of penal charges if any due to operation of LD Clause (as per clause 23-d) within 15 days of successful installation, commissioning, training and final acceptance in all respects. All L/C Amendment or extension charges due to the supplier shall be to their account.

27. Conflict of Interest among Bidders/Agents:

A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti- competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a) They have controlling partner (s) in common; or
- b) They receive or have received any direct or indirect subsidy/financial stake from any of them; or
- c) They have the same legal representative/agent for purposes of this bid; or
- d) They have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder; or
- e) Bidder participates in more than one bid in this bidding process. Participation by a bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/sub-assembly/assemblies from one bidding manufacturer in more than one bid.
- f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. **One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:**
 1. **The principal manufacturer directly or through one Indian agent on his behalf and**
 2. **Indian/foreign agent on behalf of only one principal.**

28. The checklist of documents submitted to be filled in as per annexure and to be submitted along with the offer.

29. **Bidders should submit documents strictly as per the tender requirement only. Submission of unnecessary documents shall be viewed negatively. To avoid the last-minute error bidders are requested to submit their online bid well in advance.**

30. Arbitration:

In the event of any dispute arising under these terms and conditions of Contract, the same shall be referred to The Principal Director, Central Institute of Hand Tools (A Govt. of India Society), G.T. Road, Bye-Pass, Jalandhar-144008 (Punjab), India or other officer nominated by him who will be the sole arbitrator. The award of the arbitrator shall be final and binding on the parties of this contract. The venue of the arbitration in all cases shall be Jalandhar.

****Assistance to Bidders**

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.
- 3) More information useful for submitting online bids may be obtained from the CPP Portal <https://eprocure.gov.in/eprocure/app>.

Sign on behalf of Central Institute of Hand Tools Jalandhar

Part – II
TENDER SUBMISSION FORM

To

The Principal Director

Central Institute of Hand Tools, G.T. Road, Bye-Pass, Jalandhar-144008
Punjab (India).

[The Bidder shall fill in this Form in accordance with the instructions indicated above Date:
[insert date (as day, month and year) of Bid Submission]
Tender No.: [insert tender no.]

I/We agree to furnish if required supplies/services as detailed in the Schedule of Requirements or such portions there of as you may specify in the Acceptance of Tender at the prices given in part III in accordance with the above conditions and the General and Special conditions governing the contract enclosed here to on receipt of order for the same.

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: [insert the number and issuing date of each Addenda];
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services [insert a brief description of the Goods and Related Services]
- (c) The total price of our Bid, excluding any discounts offered in item (d) below is as per our commercial bid/BoQ.
- (d) The discounts offered and the methodologies for their application are: Discounts. If our bid is accepted, the discounts as per commercial bid shall be apply.
- (e) Our bid shall be valid for the period of time specified in the tender and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our bid is accepted, we commit to obtain a performance security in accordance with the terms and condition for the due performance of the Contract;
- (g) Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the contract—has not been black listed by any Govt. Institution.
- (h) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (i) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Station _____

Signature of Tenderer

Date _____

Signature of Witness

Purchase Preference Policy Linked with Local Content (PP-LC)

As per Revised Order 2017

Under the purchase Preference Policy linked with Local Content (PP-LC), the supplier or service providers are allowed to avail the purchase preference linked with attaining stipulated Local Content.

Tender Inviting Authority reserves the right to allow the suppliers or manufacturers or service providers, purchase preference as admissible under the Public procurement (Preference to make in India), Order 2017-Revision policy, subject to their complying with the requirements/conditions defined herein and submitting documents required to support the same.

Local Content: Local content means the amount of value Added in India which shall, unless otherwise prescribed by the nodal ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

Class-I local Supplier: Class I local supplier means a supplier or service provider, whose goods, service or works offered for procurement, has **local content equal to or more than 50%**.

Class-II Local Supplier : Class II local supplier means a supplier or service provider whose goods, service or works offered for procurement, has local content **more than 20% but less than 50%**.

Non Local Supplier: Non local supplier means a supplier or service provider, whose goods, services or works offered for procurement, has local content **less than or equal to 20%**.

Margin of Purchase Preference: The margin of purchase preference shall be **20%**.

For availing the purchase preference the following procedure shall be followed:

- (i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is Class-I local supplier, the contract for full quantity will be awarded to L1.
- (ii) If L1 bid is not a “Class-I local supplier”, and the ordered **quantity can be divisible**, 50 % of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the ‘Class-I local supplier’ will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier’s quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such “Class-I local supplier’ subject to matching the L1 price. In case such lowest eligible “Class-I local supplier’ fails to match the L1 price or accepts less than the offered quantity, the next higher “Class-I local supplier’ within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered in the L1 bidder.
- (iii) In the procurement of goods or works which are not divisible in nature the Class-I local supplier shall get purchase preference over Class-II local supplier as well as Non local supplier as per following procedure:
 - (a) Among all qualified bids, the lowest bid will be termed as L1. If L1 is ‘Class-I local supplier’ the contract will be awarded to L1.
 - (b) If L1 is not ‘Class-I local supplier’, the lowest bidder among the ‘Class-I local supplier’, will be invited to match the L1 price subject to Class-I local supplier’s quoted price falling within the margin of purchase preference, and the contract shall be awarded to such ‘Class-I local supplier’ subject to matching the L1 Price.

(c) In case such lowest eligible ‘Class-I local Supplier’ fails to match the L1 price, the ‘Class-I local supplier’ with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the ‘Class-I local Supplier’ within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.

(iv) “Class-II local supplier” will not get purchase preference in any procurement, undertaken by procuring entities.

The bidder claiming the PP-LC benefit shall be required to furnish a self-certification on bidder’s letter head indicating percentage of local content and confirming that the item offered meets the local content requirement for “Class-I local supplier/Class-II local supplier” as the case may be and this undertaking shall be certified by the authorized signatory of the bidder signing the bid giving the details of the locations at which the local value addition is made.

The onus of submission of appropriately certified documents lies with the bidder and the purchaser shall not have any liability to verify the content and will not be responsible for the same.

However, in case the procuring authority has any reason to doubt the authenticity of the local content, it reserves the right to obtain the complete back up calculations before award of order failing which the bid shall be rejected.

False declarations will be in breach of the code of Integrity under Rule 175(1)(i)(h) of the General Finance Rules for which a bidder or its successors can be debarred for up to two years as per rule 151(iii) of the General Finance Rules along with such other actions as may be permissible under law.

For detail rule, Order No.P-45021/2/2017-PP (BE-II) dated 04.06.2020 issued by the Ministry of Commerce and Internal Trade (public procurement section) may please be referred.

CALCULATION OF LOCAL CONTENT-GOODS

Name of Manufacturer	Calculation by manufacturer Cost per one unit of product			
Cost Component	Cost (Domestic Component) a	Cost (imported component) b	Cost Total Rs c= a+b	% Domestic Component d= a/c
i. Direct material cost				
ii. Direct labour cost				
iii. Factory overhead				
iv. Total production cost				

Note:

% LC Goods = $\frac{\text{Total cost (iv.c)} - \text{Total imported component cost (iv.b)}}{\text{Total Cost (IV.c)}} \times 100$

% LC Goods = $\frac{\text{Total domestic component cost (iv a)}}{\text{Total cost (iv.c)}} \times 100$

Above calculation is indicative only.

Part - III
List of Goods and Delivery Schedule of Requirements

Item No.	Description of Goods	Qty.	Unit	Final Destination	Delivery Date	
					Latest Delivery Date	Bidder's Offered Delivery Date (to be provided by the bidder)
1	Robotic MIG/SAW welding stations	2	No.	CIHT, Jalandhar	Within 2 Months from the date of Issue of AOC	

Signature of Tenderer

CENTRAL INSTITUTE OF HAND TOOLS, JALANDHAR

Check list for tender document of "Robotic MIG/SAW welding stations Date: 04.07.2020

Please mention the documents enclosed along with the offer as per the checklist.

Sr. No.	Particulars	Yes	No
1	Earnest Money Deposit (Refundable) & Tender Fee (Non-Refundable) through RTGS/NEFT to be submitted.		
2	Technical Bid/Technical Compliance Statement submitted as per the tender requirement.		
4	Copy of standard product catalogue as per the requirement to be submitted.		
5	Copy of GST No, PAN No. & Bank Details submitted.		
6	Original Equipment Manufacturer /Authorized Dealer Certificate submitted mentioning the tender ref. no. and date.		
7	Valid MSME or NSIC certificate for the particular tendered item to be enclosed if eligible for exemption of EMD.		
8	Deviation(s) to be specified clearly in a separate sheet along with covering letter. If there is no deviation, NIL deviation should be mentioned per line specification.		
9	List of customer with address and contact no. to whom the tendered machine supplied during last three years (Please Refer Tender Document Clause No. 10.).		
10	All the pages of offer should be serially numbered and total no. of pages to be mentioned.		
11	Agreed to all the Terms and Condition of the tender		

Bid Security Amount :

Bank Guarantee No :

Issue Date :

Name of Banker :

**Authorized Signatory
(With Seal)**

MANUFACTURER'S AUTHORIZATION

[This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are legally binding on the Manufacturer.]

Date: *[insert date (as day, month and year) of Bid Submission]*

To,

The Principal Director
Central Institute of Hand Tools,
G.T. Road, Bye-Pass,
Jalandhar-14008 (Punjab) India.

Tender Reference No, ID & Date: *[insert Tender Reference No, ID & Date]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid and conclude the contract, the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently sign the Contract and **the contract may be awarded to us* / the contract may be awarded to them.***

*Strike out whichever is not applicable

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

PROFORMA FOR PERFORMANCE STATEMENT

[Please see Tender Document Clause 10
Evaluation and Qualification Criteria]

**Performance Statement for a period of last three years prior to the date of bid opening year wise.
Copy of P.O. Contract executed as evidence to be submitted.**

Tender No.....

Date of opening

<u>Order placed by (full address of Purchaser) and contact details (e-mail and phone no.)</u>	<u>Order No. and date</u>	<u>Description and quantity of ordered equipment</u>	<u>Value of order</u>	<u>Date of completion of delivery</u>	<u>Remarks indicating reasons for late delivery, if any</u>	<u>Has the equipment been satisfactorily functioning to the satisfaction of purchaser?</u>
1	2	3	4	5	6	7
Year -1						
Year -2						
Year -3						

Signature and seal of the Bidder _____

Format for Submitting Commercial Bid

Proforma for Commercial Bid:

(Tenderer need not use this document exclusively but the offer should be in this format to the extent possible in their letter head in addition to BoQ)

1. Tender No. & Date
2. Particulars of items/ Machine offered/Model No:-

<u>Sr. No.</u>	<u>Particulars</u>	<u>Qty.</u>	<u>Unit Price</u>	<u>Total Price</u>

			Total Amount	_____

3. Particulars of Standard and Essential Accessories and Spares:-

<u>Sr. No.</u>	<u>Particulars</u>	<u>Qty.</u>	<u>Unit Price</u>	<u>Total Price</u>

			Total Amount	_____

4. Particulars of Optional Accessories & Spares:-

<u>Sr. No.</u>	<u>Particulars</u>	<u>Qty.</u>	<u>Unit Price</u>	<u>Total Price</u>

			Total Amount	_____

5. Total Offer Price Main Items and Essential Accessories (2+3):-

	<u>Rate</u>
(i) Basic Amount	:
(ii) Packing & Forwarding Charges	:
(iii) Transportation Charges (Including Unloading and shifting to the site and keeping in Position)	:
(iv) Customs Duty (for overseas supplier)	:
(v) GST	:
(vi) Transit Insurance	:
(vii) Installation Charges	:
(viii) Commissioning Charges	:
(ix) Training Charges (Pl. Specify Free Training and Paid Training for no. of Personnel and days separately)	:
(x) Any other charges (Pl. Specify)	:

Total all Inclusive landed price at consignee destination. (in INR) : _____

- (xi) Delivery Period: (As per tender document)
- (xii) Warranty/ Guarantee: (As per tender document)
- (xiii) Payment Terms: (As per tender document)

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date:/...../.....

To,

The Principal Director
Central Institute of Hand Tools,
G.T. Road, Bye-Pass,
Jalandhar-14008 (Punjab) India.

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No & ID: _____

Tender Date: _____

Name of Tender / Work: -

Dear Sir,

1. I / We have downloaded/obtained the tender document(s) for the above mentioned 'Tender/Work' from the website(s) namely:

as per your advertisement, given in the above mentioned website (s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s) etc.), which form part of the contract agreement and I / we shall abide hereby by the terms/conditions/clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/organization too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/ corrigendum(s) in its totality/entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/debarred by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

TECHNICAL SPECIFICATION ADVANCED HIGH SPEED MIG WELDING ROBOTIC MACHINE			
Sr No.	Description	Bidder's Specification/ Confirmation	Reference Page Number/ Section Number of Catalogue/ Remarks
1	Field of Application		
1.1	Complete package of Robot, PLC controller, Control plan with push buttons, Positioners and other controls 01 set Preferably single pallet mounting of above parts		
1.2	The Machine will be used for the Following Application		
1.3	Welding of single jobs and medium series and large lots.		
1.4	Standard welding of material Mild steel,Almunium,Stainless steel		
2	The welding of following materials must be possible		
2.1	Ferrous metals and alloys		
2.2	Mild steel plates		
2.3	Stainless steel		
2.4	Almunium		
3	Technical Data		
3.1	Articulation-Vertical artic. type		
3.2	No. of Axes -6 (minimum)		
3.3	P-Point (Working Range) Radius (MM) - R 1400mm(Minimum)		
3.4	Maximum Payload Capacity -6kg(Max)		
3.5	Welding Cable Harnessing Method -Internal Cable(Through Arm)		
3.6	Minimum Woking range-R 415mm		
3.7	Driving Method -AC Servo Motor		
3.8	Safety standard -Cat.4 Ple		
3.9	RMU (Robot monitoring unit) -RMU compatibly is required		
3.10	Ambient Temp./Humidity - 0 to 45°C / 20 - 80%		
3.11	Robot footprint - 300x300mm		
3.12	Mass (weight) - 145Kg		
3.13	Upper arm Carrying capacity - 10 kg		
3.14	Auto weld seam sensing should be Available in the Robot (Arc Sensor).		
3.15	Touch Sensor should be Available in the Robot		
3.16	Dual Pallet with Rotary fixtures (02 nos) In addition to 02 Rotary fixture with machine, supplier to provide other required fixtures also (upto 05 nos), as per Customer requirement for specific job work.		
3.17	Calibration (All axis) -Eye Mark.		
3.18	Installation Position Floor, Wall, Ceiling		
3.19	Arc Ignition functionality (Touch sensor ignition) for minimum spatter		
3.20	Integrated wire feeder controller electronics		
3.21	Integrated gas flow sensor in wire feeder		
3.22	Synchronized welding for bead Quality control		
3.23	Pipe welding should be option in the robotic machine		
3.24	Welding perpetration quality consistency should be better required in the welding		

3.25	Torch/Welding gun cleaning station for nozzle cleaning, wire cutting, spraying anti spatter fluid in nozzle, nozzle rearming. Operating pressure – 6-8 Bar		
3.26	Nominal Rotational speed – 700-800 RPM		
3.27	Sheet thickness for welding – 1mm to 25mm		
3.28	Power feeder – 0.85 or better at Max current		
3.29	Efficiency (100 % duty cycle) - Min 85%		
3.30	Load capacity – 300kg (minimum)		
4.0	CONTROLLER		
4.1	Ambient Temperature Range -10°C TO +50° C		
4.2	Amb. Relative Humidity Range 20 - 80% (RH) non-condensing		
4.3	Power Supply-3-phase 200/220 VAC + 10%, -15%, 50/60 Hz		
4.4	Power Rating of Controller -1.5 kVA		
4.5	General Purpose General I/O-32 input - 32 output Standard with Relay Unit. Total 40.		
4.6	General Purpose Physical I/O-8 input - 8 output		
4.7	Memory Capacity-160000 instructions (PTP instruction in a single mechanism)		
4.8	No. of Task Programs - 9999		
4.9	Event Logging- Error logging fn available		
4.10	Ethernet ports for Robot Control/ Diagnosis should be Available in the Robot		
4.11	Applicable Field Bus compatibility-Profibus / CC-Link / Ethernet IP		
4.12	Auto backup in case of Power Failure		
4.13	Internal PLC should be Available in the Robot		
4.14	Software for PC editing should be Available in the Robot		
4.15	Communication through Welding powersource, wire feeder through LAN Cable		
4.16	Robot should have provision to add 2 additional axis Motors in future.		
4.17	Provision should be required for RMU		
4.18	Offline Programming capability		
4.19	Operating temperature Range -10°C to +50°C		
5.00	TEACH PENDANT		
5.1	Dimension 175 mm (B/W) x 326 mm (T/D) x 81 mm (H)		
5.2	Type-Should be TABLET type should have scrooll screen		
5.3	Mass-0.96 kg max		
5.4	Operation Device-Axes key, Teach/Playback selector switch, jog dial, enable switch, operation ready ON key, emergency stop button, USB memory slot (1 slot), shouldhave scroll screen by swipe operation(like tablet)		
5.5	Display 5,7" / 640 x 480 dots, 65536 colours, LED backlight OR better option		
5.6	Display in change of Letter Size up to 1.3 can be zoom		
5.7	Protection Class IP65 or above		
5.8	Cable Length 8 meter		
5.9	Operating System Window 7		
5.10	Full function Welding parameter Selection must be required		
5.11	USB port		

5.12	Wireless teach pendant Optional should be feature in the machine		
6.00	WELDING POWER SOURCE		
6.1	Digital IGBT Processor controlled Inverter Based Programmable, Synergic, Pulse with Low spatter and High speed Mode.		
6.2	Robot and welding machine should be from same manufacturer		
6.3	32 Bit and above, Micro processor /Nano Processor		
6.4	Rated Current- 400A		
6.5	Rated Duty Cycle-60%		
6.6	Welding current Range -Pulse current -20-400A		
6.7	MMA(Stick) welding-20-300A		
6.8	Initial Current--20-400A		
6.9	Creater current-- 20-400A		
6.10	Input Voltage- 400V±10% ,3Ph,50Hz		
6.11	Incremental steps for Current Setting -1Amps		
6.12	incremental steps for Voltage Setting -0.1V		
6.13	Welding Mode-CO2/MAG/MIG/Pulsed MIG/ High speed Pulse/DC STICK/TIG/MIG Brazing		
6.14	AC Wave form-Standard/Soft/Hard		
6.15	Applicable material -MS/SS/Aluminum/ Fe and alloys		
6.16	Welding condition Memory (min. 100 required)		
6.17	Cooling Method-Forced Air.		
6.18	Crater control method-OFF/ON/ON (repeat)/Arc Spot		
6.19	Weld monitor Function -Number of welding point, Total welding time, ±Current tolerance, Welding voltage upper limit/Lower limit value setting (V), should be available in Welding machine.		
6.20	USB Port.		
6.21	Digital Password protection Required for power source.		
6.22	Power source should be a separate unit and Compatible for using Manual MIG welding with accessories should be required.		
7.00	ROBOT MIG WELDING TORCH		
7.1	Air cooled 350 Amps @ 60% duty cycle should be from Robot manufacturer make only.		
8.00	ROBOT WIRE FEEDER		
8.1	DC 24V, 4 Roll ,All geared type,digital Encoder feedback control		
8.2	Suitable for Feeding wires (Material)- MS/SS/Aluminum		
8.3	Feed Roll Diameters- 4Roll,All geared suitable for 0.8mm/1.0mm/1.2mm/1.6mm wire Diameter.		
9.00	Additional Software required with Robot Machine		
9.1	Multi unit Software		
9.2	Off line teaching and training softwares compatible (Softwares like Robo studios, Pick and place system, vision system etc.)		
9.3	Robot calibration software		
9.4	Welding Data Monitoring (through LAN) software for Industry 4.0		

9.5	Auto TCP function with software		
9.6	Collision detection software		
10	Working Range		
10.1	Arm		
10.2	J1 (Rotation) $\pm 170^\circ <\pm 50^\circ>$		
10.3	J2 (Vertical) $(-155^\circ) \sim (+90^\circ)$		
10.4	J3 (Rotation) $(-170^\circ) \sim (+245^\circ)$		
10.5	Wrist		
10.6	J4 (Rotation) $\pm 170^\circ$		
10.7	J5 (Bending) $(-50^\circ) \sim (+230^\circ)$		
10.8	J6 (Rotation) $\pm 360^\circ$		
11	Maximum Speed		
11.1	Arm		
11.2	J1 (Rotation) 240°/s Or higher		
11.3	J2 (Vertical) 240°/s Or Higher		
11.4	J3 (Rotation) 230°/s Or Higher		
11.5	Wrist		
11.6	J4 (Rotation) 430°/s Or Higher		
11.7	J5 (Bending) 430°/s Or Higher		
11.8	J6 (Rotation) 630°/s Or Higher		
12	Maximum Payload		
12.1	Allowable Moment		
12.2	J4 (Swing) 10.5 Nm		
12.3	J5 (Bending) 10.5 Nm		
12.4	J6 (Twist) 5.9 Nm		
12.5	Allowable Moment of Inertia		
12.6	J4 (Swing) 0.28kg m ²		
12.7	J5 (Bending) 0.28 kg m ²		
12.8	J6 (Twist) 0.06 kg m ²		
13	Key Accuracies		
13.1	Positional Repeatability ± 0.1 mm (or better)		
14.0	Standard Accesories		
14.1	Allen Key Set 2 Sets		
14.2	Nose Plier Make:- Taparia / stanley 2 Nos		
14.3	Cutter Nipper 5 Nos		
14.4	Tester Make:- Taparia No.814 5 Nos		
14.5	Tissue Paper 1 Pkt		

14.6	Screw Driver Set Make: Taparia 3 Nos		
14.7	Protect Eye Glass 5 set		
14.8	Anti Vibration to be provided 1 set		
14.9	Servo Stabilizer 15 KVA, 3 Phase, 415 Volt, 50 HZ with Step Down Transformer 3 Kva input 415V - Output 200V- 1 set		
14.10	Water cooled robotic welding guns – 02 set . (with shock sensor module)		
14.11	Gas cooled robotic welding guns – 02 set		
14.12	Cooling Unit (operating temperature -10°C to +50°C) 1 set		
14.13	Stand for power source – 01 set.		
14.14	Laptop – 20" with window 10, Intel i7 processor, 16 GB RAM, 500 GB SSD, 4GB Graphic card 01 set		
14.15	Other Cables, connectors etc, as required for all type of functioning of Robot - 02 sets		
14.16	IS Standard compliant MIG Wire rolls (03 rolls each of approx weight 15 Kg- Total 12 rolls) for wire size - 0.8 mm, 1 mm, 1.2 mm, 1.6 mm. The MIG wires should be compatible for welding Fe and alloys, SS and Aluminium		
15	Documentation		
	Machine Manuals		
15.1	Mechanical maintenance manual 2 sets each (one hard copy and one soft copy)		
15.2	Electrical maintenance manual 2 sets each (one hard copy and one soft copy)		
15.3	Detailed Layout plan		
15.4	Operating and Programming Instruction		
15.5	Installation and Commissioning instructions		
15.6	Quality Test and Accuracy Test Chart Records		
15.7	Circuit Diagrams		
15.8	Maintenance / Repair Charts		
15.9	Preventive Maintenance Instructions		
15.10	Lubrication Chart & Lubricant list		
15.11	Instruction manual for supplied Coolant Concentrate, 1 st Filling and Coolant Maintenance		
15.12	Detailed packing list of all Items and devices and detailed prospect of machine & all other Accessories to be enclosed in the respective boxes. Lifting instruction to be shown in packing list.		
16	Installation & Commissioning		
16.1	The machine to be inspected as per accuracy chart before dispatch at supplier site. The suppliers to prove out the "Test Components" in all aspects. Acceptance and Qualification during Pre Dispatch Inspection (PDI) at supplier end. Release of machine for dispatch after successful completion of acceptance test, post PDI.		
16.2	The complete installation and commissioning must be carried out by the supplier for all the machines at the final destination/premises. A final accuracy test to be conducted by the purchaser/consignee. Final accuracy test report is to be signed jointly by Purchaser/consignee and supplier. Final acceptance would be given after conducting the accuracy test at the installation location.		
17	Warranty		
17.1	5 years comprehensive warranty (minimum)		
17.2	AMC for 5 years (minimum)		

18	Colour Scheme of Machine		
18.1	Machine Colour : As per Company standard . The machine to be applied with two coats of red oxide primer followed by two coats of automotive spray paint of good quality with a minimum coat thickness of 50 microns.		
19	Manufacturing Quality Assurance		
19.1	The bidder / OEM should submit the Standard Quality Assurance Plan being adopted during manufacturing of the machine tool. The bidder should have adequate in-house manufacturing, measurement and testing facilities, in order to ensure the accuracies and quality of the product. Purchaser reserves rights to evaluate the technical competence / capability of the bidder / OEM. In case the Manufacturing Quality Assurance Plan submitted is not found to be satisfactory, the offer is liable to be rejected.		
20	Service Setup		
20.1	Supplier shall have a technical service team in the province/state so that they can reach the location of supply in 24 hours. Give the details of the nearest Service centre and the details of the technical personnel based in that area. The party shall give an undertaking to stock the essential spares in such service depots/office		
21	Training		
21.1	To be provided for one machine at each of the final destinations		
21.2	Operator training - 5 days.		
21.3	Maintenance course mechanical, electrical and electronics - 5 days.		
22	Testing and Inspection		
22.1	Portable Ultrasonic Flaw detector machine (NDT Testing)		
22.2	Welding penetration inspection microscope with colored printer (A4 size)		
	Important note:		
	The bidder must provide exact and relevant input against the specified features having "numerical values" or "% values" or any "specific requirement" in the sameformat as specified in the tender document. Any response specifying Confirmed / Agreed / Complied etc. shall be summarily rejected		



सूक्ष्म , लघु और मध्यम उद्यम मंत्रालय
Ministry of Micro, Small & Medium Enterprises

(E-Procurement)

TENDER DOCUMENT FOR

**SUPPLY, INSTALLATION & COMMISSIONING OF
CNC LASER ENGRAVING & CUTTING MACHINE
WITH ACCESSORIES.**

Tender No: _____

Purchaser:

**The Principal Director, Central Institute of Hand Tools
G.T. Road, Bye-Pass, Jalandhar-144008 (Punjab), India
(The Nodal TC) on behalf of the consignees (ESTC Ramnagar)**

Critical Date Sheet

TENDER REFERENCE	
Published Date	Date 6.07.2020
Bid Document Download Start Date	Date 6.07.2020
Clarification Start Date and Time	Date 6.07.2020, Time 09:00 hours
Clarification End Date and Time	Date 9.07.2020, Time 17:00 hours
Date and time of pre-bid Meeting	Date 13.07.2020, Time 11:00 hours
Bid Submission Start Date and Time	Date 6.07.2020, Time 09:00 hours
Bid Submission End Date and Time	Date 14.07.2020, Time 16:00 hours
Time and date of receipt of original documents as per	Date 15.07.2020, Time 15:30 hours
Time and date of online opening of bids	Date 15.07.2020, Time 16:00 hours
Officer Inviting Bids	The Principal Director, Central Institute of Hand Tools G.T. Road, Bye-Pass, Jalandhar-144008 (Punjab) India

IMPORTANT INSTRUCTION: Bidders should read and comply with the instructions given in tender documents. Submission of tender shall mean that the bidder has read and understood all the terms and conditions including the special terms and conditions of the tender, if any and agrees and binds himself/themselves to the same. Tender documents on stationery with bidder's letter head clearly showing the Bidder's complete name and address duly signed manually or digitally by the bidder and witnesses at appropriate place to be submitted otherwise their bid(s) is/are liable to be rejected.

1. Online bids under two bid systems for **“CNC laser Engraving & Cutting Machine”** are invited from reputed manufacturers/Authorized Resellers under Terms & Conditions governing the contract given/attached herewith.
2. Part I: This part should be clearly marked **“Part I - Technical bid”**, indicating Tender No., Due Date and Address & Reference of the Bidder. This part should contain all the **Technical details with deviation statement, copies of documents as per point No. 16, Copy of original standard printed catalogue, list of customers to whom the particular tendered machine/equipment supplied during last 3 financial years along with copies of Purchase orders executed (Please refer clause No. 10) & check list for documents submitted along with unpriced commercial bid.**
3. Part II: This part should be clearly marked **“Part II - Price bid”**, indicating Tender No., Due Date and Address & Reference of the Bidder. This part should contain Detail **Commercial Bid/BoQ** as per the format provided in tender document.
4. Part III: This part should contain copy of Bid Security. If exempted, Copy of valid NSIC/MSME Registration Certificate for the **particular tendered Machine/Equipment/Item** to be submitted. If the exemption certificate for the particular tendered machine not submitted, then the offer shall be treated as non-responsive and will not be considered for evaluation.

5. Date and time upon which Tenders shall be received and opened are indicated in Critical Date Sheet Page. **A pre bid meeting** (Preferably by WebEx) will be held on date and time as specified in the critical date sheet at Conference Room, CIHT, Jalandhar to clarify the queries/issues raised by the prospective bidders.
6. Tenders are to be submitted online through the portal <https://eprocure.gov.in/eprocure/app> on or before the stipulated date and time. **Bids submitted manually will not be accepted.**
7. Central Institute of Hand Tools, Jalandhar reserves the right to accept or reject any or all bids in whole or in part, and to annul the bidding process and reject all bids at any time prior to contract award, without assigning any reason whatsoever and without thereby incurring any liability to Bidders. In case of annulment, bid securities shall be promptly returned to the Bidders.
8. Technical detail should contain complete specification of goods/scope of related services/list of deliverables with all technical and commercial terms and conditions. Bidders have to confirm the Technical and Commercial specifications. If there is any deviation(s), the same should be clearly specified in a separate sheet along with covering letter. If there is no deviation, nil deviation should be mentioned per line specification.
9. Commercial part should contain the schedule of price particulars co-related to the Bill of Quantities/format for the price schedule provided along with the bid with detail terms and condition. The total all-inclusive F.O.R price at the destination has to be quoted with bifurcation of transportation, insurance, loading & un-loading at final destination, taxes and duties (with rates) and other charges.

10. **Post-Qualification Requirements:**

After determining the lowest-evaluated bid in accordance with the tender Clause No. 14, the Purchaser shall carry out the post qualification of the Bidder using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

Note: Notwithstanding anything stated below, the purchaser reserves the right to assess the Bidders capabilities and capacity to execute the contract and provide after sales services satisfactorily before the contract award;

(A) If Bidder is a Manufacturer:

(I) Experience and Technical Capacity:

The bidder must be a manufacturer, in the business of manufacturing of various types and capacity of **CNC laser Engraving & Cutting Machines** for at least 3 years prior to bid opening, who has manufactured, supplied, erected/commissioned the offered machines/equipment and shall meet the following criteria:

- (a) Should have manufactured the different capacity/type of **CNC laser Engraving & Cutting Machines equal to twice the quantity** mentioned in the "Schedule of Requirements" of the tender during the last 3 years prior to the date of bid opening.
- (b) The bidder should have supplied the particular tendered machine or similar type & capacity machine of **at least 50%** of the quantity indicated in the "Schedule of Requirements" (which the bidder proposes to supply), during the last three years prior to the date of bid opening.
- (c) At least 30%* (of the quantity mentioned in the "Schedule of Requirements") for the machines equipment of same or similar type & capacity supplied by the bidder, should be in successful operation for at least for one (1) year prior to the date of bid opening.

To demonstrate the above, the Bidder shall furnish details of experience and past performance for the machines/equipment offered and for those of similar nature and submit Performance statement as per "Performa for Performance Statement" attached in annex. Performance certificate duly signed and sealed from the authorized signatory of the user to be submitted along with offer.

* Fractions of 0.5 or more would be rounded off to next higher number and fractions of less than 0.5 shall be ignored. However, where the quantity works out to a fraction less than 1, it shall be considered as 1.

(II) Documentary Evidence:

The bidder shall enclose copy/copies of the contract(s) executed during last 3 financial years (included in Performance statement) prior to date of bid opening for supply of the same or similar type & capacity of machines as offered.

(B) If Bidder is not manufacturer:

- (a) If a Bidder is not a Manufacturer, but is offering the machines/equipment on behalf of the Manufacturer under Manufacturer's Authorization Form, the bidder shall demonstrate the above qualifications (A) (i) & (ii) and submit all necessary documents of the manufacturer.
- (b) The Bidder (Authorized representative of the manufacturer) shall demonstrate that bidder has been in the business of supplying particular tendered machine/or similar type and capacity during last 3 financial years prior to the bid opening date and has supplied and serviced Machinery/Equipment during the period in India. To demonstrate this, the bidder shall furnish Performance statement for last three years as per Performa for Performance Statement.
11. Delivery term shall be CIP/DAP final destination. (List of final destination as per delivery schedule). The term CIP/DAP & Final destination shall have the meaning defined in Incoterms 2010. In addition, the supplier or representative of the supplier shall arrange Insurance till final destination, customs clearance of the goods (For overseas suppliers) at the port of destination and the unloading of the goods at final destination. The necessary documents required for customs clearance shall be provided and customs duty shall be paid by the i. **Delivery term other than above shall not be accepted.** For avoiding delay in customs clearance (in case of overseas supplier) pre alert notice/document to be provided well in advance. Otherwise demurrage if any to be borne by the supplier.
12. Tender should be submitted by the reputed Original Equipment Manufacturers(OEM)/or their authorized dealers/resellers who are meeting the qualification criteria as per clause No. 10 B. Proof of authorized dealers /resellers to be submitted along with offer from the OEM mentioning the tender ref no and date as per the format provided in the bid document. OEM should provide the self-declaration in case they are participating directly. **Conflict of interest as per clause No. 27 may be referred.**
13. The bid validity period shall be for 120 days from the date of opening of the bid.
14. CIHT will compare the evaluated prices of all substantially responsive bids to determine the lowest evaluated bid. The all-inclusive price quoted by the bidder in BOQ/Price schedule in line with BOQ (inclusive of all taxes and duties) shall be taken for comparison. For evaluation and comparison purposes, the currency (ies) of the Bid (if quoted in currency other than INR) shall be converted in INR as per the RBI exchange rate (reference rate) prevailed on last date of bid submission of tender or the latest rate available on a previous date.
15. Taxes applicable at the time of supply are to be mentioned in the price schedule. GST No. with HSN Code of items quoted to be mentioned in the offer.
16. Supplier's GST No., PAN No. & Bank Details should be mentioned in the tender positively.
17. The concerned supplier will arrange marine/transit insurance till final destination (as per list provided in delivery schedule). No enhancement of rate for whatever cause will be allowed once the tender is accepted. Withdrawal of the tender or failure to make the supply within the scheduled period will entail cancellation of the order & forfeiture of Earnest Money Deposit/Security deposit.
18. **Purchase Preference Policy Linked with Local Content (PP-LC):**
Under this policy the bidders are allowed to avail the purchase preference linked with attaining the stipulated local content. The indicative manner of implementation of policy for this tender is given in Annexure-I. Detail policy is as per Order No. P-45021/2/2017-PP (BE-II), Ministry of Commerce & Industry, Department for Promotion of Industry and Internal Trade, (Public Procurement Section), Govt. of India.

19. Specifications of the item quoted/Bill of quantity should be listed in the tender documents as per the tender format and copy of Printed catalogues should be attached. Original printed catalogue of the tendered item to be couriered before opening date. The Model of the items and its Catalogue should be spelt out clearly. **Machines/equipment/items quoted without standard printed catalogue shall not be considered for evaluation. Specifications as mentioned in the standard printed catalogue shall be considered for technical comparison.** The detailed specifications of the product should also be displayed in the official website of the tenderer/OEM so as to cross check the product while evaluating the technical bid. If there is inconsistency in specification provided in catalogue and website, decision of the evaluation committee shall be final.

- a. Specifications and rate of each item of the standard accessories should be given separately
- b. Additional accessories recommended by the supplier can be quoted separately.
- c. **A deviation statement indicating any non-compliance of the offered product with reference to the tendered technical specifications should be invariably provided. In case there is no deviation, nil deviation statement should be submitted.**
- d. The contents of the tender should be clear, specific & self-explanatory. Comments like OK are not acceptable, instead exclusive or inclusive should be written. In case of ambiguity the decision of CIHT shall be final.
- e. Wherever there is significant inconsistency, specifically stipulation in the Technical Specifications as a part of bidding document and not complied by the bidder, in such cases, no clarifications shall generally be called [e.g. any response meeting the Technical Specifications should be supported by documents like catalogue, test charts etc. as specified in the bidding document. The bidders shall be considered non-responsive for non-submission of catalogue/test chart. However, CIHT reserves the right to ask for clarification in case of genuine doubt and bid containing contradictory information, which is in general be for minor, non-material issues.

20. Inspection:

- a. CIHT reserves the option of inspecting the goods at supplier's works prior to packing and dispatch. Supplier shall provide all In house facilities for carrying out the inspection.
- b. Internal test report/Type test report from Central Govt./NABL/ILAC Accredited lab covering all technical requirement to be supplied prior to dispatch of the machine for pre-dispatch inspection waiver at supplier's premises if the purchaser so decides.
- c. However, Inspection at final destination after supply and installation shall be final.

21. Unloading of the machine at each destination, shifting and keeping in position, Installation, Commissioning & training (at supplier's site minimum 2 persons for minimum 1 week) shall be responsibility of the supplier at their cost.

22. Earnest Money Deposit (Refundable) & Tender Fee (Non-Refundable):

Sr. No.	Brief Description	Quantity (Nos.)	Earnest Money Deposit* (INR)
3	CNC Laser Engraving & Cutting Machine	1	Rs.50,000.00

The Online tenders shall be submitted on eProcurement portal upto 16.00 Hrs on 14.07.2020 (if no corrigendum is issued in this regard). The tenders should be accompanied by interest free Earnest Money (Refundable) as per detail given above. **The Tender Fee (non-refundable) is Rs.1,000/- (One Thousand only).**

The Bidder should submit the Earnest Money and Tender Fee through RTGS/NEFT in the stipulated CIHT's C/A No. with IFSC Code No.PUNB0134400 in Punjab National Bank, DAV College, Jalandhar (Punjab).

The scanned copy/soft copy of RTGS/NEFT acknowledgement of such deposit shall be uploaded alongwith the Technical Bid. Tenders not accompanied by Tender Fee & Earnest Money/Proof of valid Exemption Certificate shall be summarily rejected.

[Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or registered with the Central Purchase Organization are exempted from depositing EMD & Tender Fee on submission of proof of registration alongwith Technical Bid of the tender].

23. Performance Security/Performance Guarantee:

Within 21 days of receipt of notification of award of contract, the successful bidder shall furnish the performance security for 10% of the order value valid up to 60 days beyond the warranty period and further revalidating till the warranty in case of replacement during warranty period. The performance security shall be in the form of Bank Guarantee as per the format to be provided at the time of award of contract. The Bank guarantee shall be issued by a Bank located in the purchaser's country (Nationalized or Scheduled commercial Bank in India) or issued by a reputed foreign Bank and routed through a correspondent Bank (Nationalized or Scheduled commercial Bank in India). On receipt of the Performance security the contract/Purchase order shall be placed on the responsive lowest bidder. Performance security shall be returned after submission of individual PBG for 10% of the consignee billing value of the respective destination before final payment. Individual PBG should be valid for 60 days beyond the warranty period.

24. Guarantee:

- a. The supplier shall furnish minimum **One Year Guarantee** after installation and commissioning for defect free operation with specified accuracies.
- b. The supplier shall also provide free After-sales-service, free replacement of defective parts and all the software update and upgradation during the Guarantee period.
- c. During warranty period, breakdown call should be attended within 72 Hrs along with replacement of spares, if any. In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/replaced material shall be extended to a further period of twelve (12) months subject to a maximum period of eighteen (18) months from the date of delivery.

25. Delivery:

- a. Delivery of the goods will have to be made to the consignees at the places mentioned in Part-III (List of Goods and Delivery Schedule/Schedule of Requirements).
- b. Supplies shall be securely protected and the goods packed against loss, damage etc. marking and consignee details shall be as per the Purchase Order.
- c. Delivery period of machines/items should not exceed 2 months from the date of placement of LOA/Purchase Order. The technical bid must contain the delivery schedule. Since delivery schedule is the essence of every contract, **Bidders has to agree the delivery schedule by signing the terms and condition of the tender or mention the delivery schedule in their letter head failing which offer is liable to be rejected.**
- d. A penal charge @ ½ % of the order value for delay of every 15 calendar days or part thereof beyond the agreed delivery period to the extent of maximum 5% will be levied.
- e. CIHT reserves the right to cancel the order or a part thereof in case of delay beyond the agreed delivery period, forfeiting the earnest money/security deposit.
- f. The goods to be dispatched only through reputed transporter having All India Permit on Freight paid Door Delivery basis. Unloading of the machine at each destination and shifting up to the position to be arranged by the supplier at their cost.

26. Payment:

80% Payment of basic value of machine shall be made by the individual consignees within 15 days of receipt of item in good condition along with invoice, Consignee Receipt Certificate (CRC). Balance payment with full taxes shall be made after successful commissioning, training and final acceptance and on submission of Performance Bank guarantee for 10% of order value valid till 60 days beyond the warranty period claim for balance payment, Final Acceptance Certificate and GST paid proof.

For overseas suppliers 100% payment shall be made by irrevocable Letter of Credit. 80% payment shall be discharged on receipt of shipping document at sight. Balance 20% payment shall be discharged after deduction of penal charges if any due to operation of LD Clause (as per clause 23-d) within 15 days of successful installation, commissioning, training and final acceptance in all respects. All L/C Amendment or extension charges due to the supplier shall be to their account.

27. Conflict of Interest among Bidders/Agents:

A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti- competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a) They have controlling partner(s) in common; or
- b) They receive or have received any direct or indirect subsidy/financial stake from any of them; or
- c) They have the same legal representative/agent for purposes of this bid; or
- d) They have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder; or
- e) Bidder participates in more than one bid in this bidding process. Participation by a bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/sub-assembly/assemblies from one bidding manufacturer in more than one bid.
- f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. **One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:**
 1. The principal manufacturer directly or through one Indian agent on his behalf and
 2. Indian/foreign agent on behalf of only one principal.

28. The checklist of documents submitted to be filled in as per annexure and to be submitted along with the offer.

29. **Bidders should submit documents strictly as per the tender requirement only. Submission of unnecessary documents shall be viewed negatively. To avoid the last-minute error bidders are requested to submit their online bid well in advance.**

30. **Arbitration:**

In the event of any dispute arising under these terms and conditions of Contract, the same shall be referred to **The Principal Director, Central Institute of Hand Tools (A Govt. of India Society), G.T. Road, Bye-Pass, Jalandhar-144008 (Punjab), India** or other officer nominated by him who will be the sole arbitrator. The award of the arbitrator shall be final and binding on the parties of this contract. The venue of the arbitration in all cases shall be Jalandhar.

****Assistance to Bidders**

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.
- 3) More information useful for submitting online bids may be obtained from the CPP Portal <https://eprocure.gov.in/eprocure/app>.

Sign on behalf of Central Institute of Hand Tools
Jalandhar

Part – II
TENDER SUBMISSION FORM

To

The Principal Director

Central Institute of Hand Tools, G.T.
Road, Bye-Pass, Jalandhar-144008
Punjab (India).

[The Bidder shall fill in this Form in accordance with the instructions indicated above

Date: [insert date (as day, month and year) of Bid Submission]

Tender No.: [insert tender no.]

I/We agree to furnish if required supplies/services as detailed in the Schedule of Requirements or such portions there of as you may specify in the Acceptance of Tender at the prices given in part III in accordance with the above conditions and the General and Special conditions governing the contract enclosed here to on receipt of order for the same.

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: [insert the number and issuing date of each Addenda];
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services [insert a brief description of the Goods and Related Services]
- (c) The total price of our Bid, excluding any discounts offered in item (d) below is as per our commercial bid/BoQ.
- (d) The discounts offered and the methodologies for their application are: Discounts. If our bid is accepted, the discounts as per commercial bid shall be applied.
- (e) Our bid shall be valid for the period of time specified in the tender and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our bid is accepted, we commit to obtain a performance security in accordance with the terms and condition for the due performance of the Contract;
- (g) Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the contract—has not been black listed by any Govt. Institution.
- (h) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (i) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Station _____

Signature of Tenderer

Date _____

Signature of Witness

Purchase Preference Policy Linked with Local Content (PP-LC)

As per Revised Order 2017

Under the purchase Preference Policy linked with Local Content (PP-LC), the supplier or service providers are allowed to avail the purchase preference linked with attaining stipulated Local Content.

Tender Inviting Authority reserves the right to allow the suppliers or manufacturers or service providers, purchase preference as admissible under the Public procurement (Preference to make in India), Order 2017-Revision policy, subject to their complying with the requirements/conditions defined herein and submitting documents required to support the same.

Local Content: Local content means the amount of value Added in India which shall, unless otherwise prescribed by the nodal ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

Class-I local Supplier: Class I local supplier means a supplier or service provider, whose goods, service or works offered for procurement, has **local content equal to or more than 50%**.

Class-II Local Supplier : Class II local supplier means a supplier or service provider whose goods, service or works offered for procurement, has local content **more than 20% but less than 50%**.

Non Local Supplier: Non local supplier means a supplier or service provider, whose goods, services or works offered for procurement, has local content **less than or equal to 20%**.

Margin of Purchase Preference: The margin of purchase preference shall be **20%**.

For availing the purchase preference the following procedure shall be followed:

- (i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is Class-I local supplier, the contract for full quantity will be awarded to L1.
- (ii) If L1 bid is not a “Class-I local supplier”, and the ordered **quantity can be divisible**, 50 % of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the ‘Class-I local supplier’ will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier’s quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such “Class-I local supplier’ subject to matching the L1 price. In case such lowest eligible “Class-I local supplier’ fails to match the L1 price or accepts less than the offered quantity, the next higher “Class-I local supplier’ within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered in the L1 bidder.
- (iii) In the procurement of goods or works which are not divisible in nature the Class-I local supplier shall get purchase preference over Class-II local supplier as well as Non local supplier as per following procedure:
 - (a) Among all qualified bids, the lowest bid will be termed as L1. If L1 is ‘Class-I local supplier’ the contract will be awarded to L1.
 - (b) If L1 is not ‘Class-I local supplier’, the lowest bidder among the ‘Class-I local supplier’, will be invited to match the L1 price subject to Class-I local supplier’s quoted price falling within the margin of purchase preference, and the contract shall be awarded to such ‘Class-I local supplier’ subject to matching the L1 Price.

- (c) In case such lowest eligible ‘Class-I local Supplier’ fails to match the L1 price, the ‘Class-I local supplier’ with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the ‘Class-I local Supplier’ within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.
- (iv) “Class-II local supplier” will not get purchase preference in any procurement, undertaken by procuring entities.

The bidder claiming the PP-LC benefit shall be required to furnish a self-certification on bidder’s letter head indicating percentage of local content and confirming that the item offered meets the local content requirement for “Class-I local supplier/Class-II local supplier” as the case may be and this undertaking shall be certified by the authorized signatory of the bidder signing the bid giving the details of the locations at which the local value addition is made.

The onus of submission of appropriately certified documents lies with the bidder and the purchaser shall not have any liability to verify the content and will not be responsible for the same.

However, in case the procuring authority has any reason to doubt the authenticity of the local content, it reserves the right to obtain the complete back up calculations before award of order failing which the bid shall be rejected.

False declarations will be in breach of the code of Integrity under Rule 175(1)(i)(h) of the General Finance Rules for which a bidder or its successors can be debarred for up to two years as per rule 151(iii) of the General Finance Rules along with such other actions as may be permissible under law.

For detail rule, Order No.P-45021/2/2017-PP (BE-II) dated 04.06.2020 issued by the Ministry of Commerce and Internal Trade (public procurement section) may please be referred.

CALCULATION OF LOCAL CONTENT-GOODS

Name of Manufacturer	Calculation by manufacturer Cost per one unit of product			
Cost Component	Cost (Domestic Component) a	Cost (imported component) b	Cost Total Rs c= a+b	% Domestic Component d= a/c
i. Direct material cost				
ii. Direct labour cost				
iii. Factory overhead				
iv. Total production cost				

Note:

$$\% \text{ LC Goods} = \frac{\text{Total cost (iv.c)} - \text{Total imported component cost (iv.b)}}{\text{Total Cost (IV.c)}} \times 100$$

$$\% \text{ LC Goods} = \frac{\text{Total domestic component cost (iv a)}}{\text{Total cost (iv.c)}} \times 100$$

Above calculation is indicative only.

Part - III
List of Goods and Delivery Schedule of Requirements

Item No.	Description of Goods	Qty.	Unit	Final Destination	Delivery Date	
					Latest Delivery Date	Bidder's Offered Delivery Date (to be provided by the bidder)
1	CNC Laser Engraving & Cutting Machine	1	No.	ESTC, Ramnagar	Within 2 Months from the date of Issue of AOC	

Signature of Tenderer

CENTRAL INSTITUTE OF HAND TOOLS, JALANDHAR

Check list for tender document of "CNC Laser Engraving Cutting Machines", Date: 04.07.2020

Please mention the documents enclosed along with the offer as per the checklist.

Sr. No.	Particulars	Yes	No
1	Earnest Money by BG issued by Nationalised Bank or commercial Bank/ Bid Securing Declaration submitted.		
2	Technical Bid/Technical Compliance Statement submitted as per the tender requirement.		
4	Copy of standard product catalogue as per the requirement to be submitted.		
5	Copy of GST No, PAN No. & Bank Details submitted.		
6	Original Equipment Manufacturer /Authorized Dealer Certificate submitted mentioning the tender ref. no. and date.		
7	Valid MSME or NSIC certificate for the particular tendered item to be enclosed if eligible for exemption of EMD.		
8	Deviation(s) to be specified clearly in a separate sheet along with covering letter. If there is no deviation, NIL deviation should be mentioned per line specification.		
9	List of customer with address and contact no. to whom the tendered machine supplied (Please Refer Tender Document Clause No. 10.).		
10	All the pages of offer should be serially numbered and total no. of pages to be mentioned.		
11	Agreed to all the Terms and Condition of the tender		

Bid Security Amount:

Bank Guarantee No:

Issue Date:

Name of Banker:

**Authorized Signatory
(With Seal)**

MANUFACTURER'S AUTHORIZATION

[This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are legally binding on the Manufacturer.]

Date: *[insert date (as day, month and year) of Bid Submission]*

To,

The Principal Director
Central Institute of Hand Tools,
G.T. Road, Bye-Pass,
Jalandhar-14008(Punjab) India.

Tender Reference No, ID & Date: *[insert Tender Reference No, ID & Date]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid and conclude the contract, the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently sign the Contract and **the contract may be awarded to us* / the contract may be awarded to them.***

*Strike out whichever is not applicable

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

PROFORMA FOR PERFORMANCE STATEMENT

[Please see Tender Document Clause 10
Evaluation and Qualification Criteria]

**Performance Statement for a period of last three years prior to the date of bid opening year wise.
Copy of P.O. Contract executed as evidence to be submitted.**

Tender No.....

Date of opening

<u>Order placed by (full address of Purchaser) and contact details (e-mail and phone no.)</u>	<u>Order No. and date</u>	<u>Description and quantity of ordered equipment</u>	<u>Value of order</u>	<u>Date of completion of delivery</u>	<u>Remarks indicating reasons for late delivery, if any</u>	<u>Has the equipment been satisfactorily functioning to the satisfaction of purchaser?</u>
1	2	3	4	5	6	7
Year -1						
Year -2						
Year -3						

Signature and seal of the Bidder _____

Format for Submitting Commercial Bid

Proforma for Commercial Bid:

(Tenderer need not use this document exclusively but the offer should be in this format to the extent possible in their letter head in addition to BoQ)

1. Tender No. & Date
2. Particulars of items/ Machine offered/Model No:-

<u>Sr. No.</u>	<u>Particulars</u>	<u>Qty.</u>	<u>Unit Price</u>	<u>Total Price</u>

Total Amount				_____

3. Particulars of Standard and Essential Accessories and Spares:-

<u>Sr. No.</u>	<u>Particulars</u>	<u>Qty.</u>	<u>Unit Price</u>	<u>Total Price</u>

Total Amount				_____

4. Particulars of Optional Accessories & Spares:-

<u>Sr. No.</u>	<u>Particulars</u>	<u>Qty.</u>	<u>Unit Price</u>	<u>Total Price</u>

Total Amount				_____

5. Total Offer Price Main Items and Essential Accessories (2+3):-

	<u>Rate</u>
(i) Basic Amount	:
(ii) Packing & Forwarding Charges	:
(iii) Transportation Charges (Including Unloading and shifting to the site and keeping in Position)	:
(iv) Customs Duty (for overseas supplier)	:
(v) GST	:
(vi) Transit Insurance	:
(vii) Installation Charges	:
(viii) Commissioning Charges	:
(ix) Training Charges (Pl. Specify Free Training and Paid Training for no. of Personnel and days separately)	:
(x) Any other charges (Pl. Specify)	:

Total all Inclusive landed price at consignee destination. (in INR) : _____

- (xi) Delivery Period: (As per tender document)
- (xii) Warranty/ Guarantee: (As per tender document)
- (xiii) Payment Terms: (As per tender document)

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date:/...../.....

To,

The Principal Director
Central Institute of Hand Tools,
G.T. Road, Bye-Pass,
Jalandhar-14008 (Punjab) India.

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No & ID: _____

Tender Date: _____

Name of Tender / Work: -

Dear Sir,

1. I / We have downloaded/obtained the tender document(s) for the above mentioned 'Tender/Work' from the website(s) namely:

as per your advertisement, given in the above mentioned website (s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s) etc.), which form part of the contract agreement and I / we shall abide hereby by the terms/conditions/clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/organization too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/ corrigendum(s) in its totality/entirety.

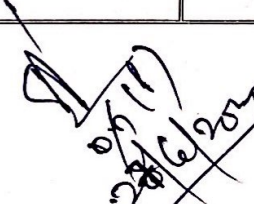
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

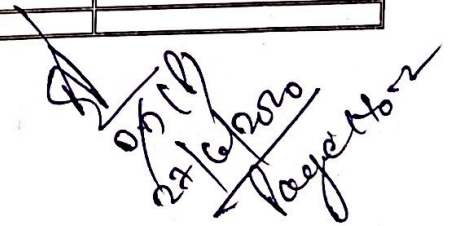
Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Laser Engraving and Cutting machine			
Sr No.	Description	Bidder's Specification/ Confirmation	Reference Page Number/ Section Number of Catalogue/ Remarks
1	Field of Application		
1.1	The Machine will be used for the Following Application		
1.2	Laser Engraving and Cutting of single jobs and medium series and large lots.		
1.3	Standard Engraving and Cutting of material Acrylic, Mild steel,Stainless steel,Brass, Copper,Almunium		
2	The Engraving and Cutting of following materials must be possible		
2.1	Ferrous metals and alloys like:		
2.2	Mild steel plates		
2.3	Stainless steel		
2.4	Brass		
2.5	Copper		
2.6	Almunium		
2.7	Paper		
2.8	Cloth		
2.9	Leather		
2.10	Flat Glass		
2.11	Acrylic		
2.12	Rubber		
2.13	Plastic		
2.14	Any Kind of cloth material ABS sheet (Dual Colour)		
3	Technical Data		
	Work Area Dimensions		
3.1	Table size X -Axis -600 mm or more		
3.2	Y-axis -400 mm or more		
3.3	Z-Axis -500mm Auto Lift		
3.4	Table type Honey Comb		
4	Engraving speed		
4.1	1-500mm/sec max		
4.2	Smallest Chracter formed 1mm x 1 mm		
4.3	Cutting speed		
4.4	1-100mm/sec max		
5	Key Accuracies		
5.1	Resolution 0.05		
5.2	Repeatability 10urad		
5.3	Pulse Repetition Frequency-20-200 KHZ Minimum		
6	GAS switching		
6.1	Automatic gas switching		
7	Laser Type		
7.1	Sealed Glass Co2 Laser		
7.2	Laser Power - 60KW		
7.3	Laser Life - 100000 Hrs		
7.3	Beam Quality - 1060nm		
7.4	Working Temp - 0-28 degree		
7.5	Guarantee for Laser Source - 2 years Minimum		
8	Control Unit Features		
8.1	Semi-closed Loop Control Method		
8.2	Program input -1) Key board (2) LAN (Ethernet) (3) USB		
8.3	Min. input -0.001mm		
8.4	Min. position Detect Accuracy-0.001mm,Program memory 128 MB,CNC memory - 1MB		
8.5	Input/ Output interface :-LAN, USB, Wi-fi		
8.6	Display- 21.5" LCD touch screen		
8.7	Operation mode-RETRACT, MEMORY, MANUAL		
8.8	Programming through CAD Software with Lifetime License		
8.9	Graphic File support PLT,CDR,DWX,DST,BMP,JPEG,TIFF,GIF,PCX, etc		
9	Chiller unit		
9.1	Suitable Chiller as per Machine Standard		
11	Machine Feature		
11.1	Chiller to eliminate overheating during Engraving and Cutting process		


 20/6/2020 Page No 2

11.2	Work area lighting Proper Illumination of the entire work area with LED Lights.The switch is integrated in the control panel		
11.3	Automatic Standby mode for Controller& Chiller,The controller goes to a "Standby mode" after a specified time period, thereby securing the data under processing as well as brings the chiller into sleep-mode which further reduces the overall Power consumption and operating cost.		
11.4	Online-Help Information on operation, programming, diagnostic aids can be requested at once.		
11.5	UPS Uninterrupted Power Supply is required for machine		
11.6	Isolation Transformer to isolate the supply		
11.7	Machine is Enclosed for Human Safety		
11.8	Automatic nozzle changing,cleaning and calibrating		
11.9	Allowable noise level shall be 90 dB or better		
11.10	Hydrullic And Electricals interlocks for safety Gates		
12.0	Standard Aceesories		
12.1	Allen Key Set 1 Set		
12.2	Nose Plier Make:- Taparia / stanley 1 Nos		
12.3	Cutter Nipper 1 Nos		
12.4	Tester Make:- Taparia No.814 1 Nos		
12.5	Tissue Paper 1 Pkt		
12.6	Screw Driver Set Make: Tapariya 1 Nos		
12.7	Tool to open optics 1 Nos		
12.8	Nozzle- 1 mm , 1.2 mm, 1.5 mm, 2 mm 2 Nos		
12.9	Protect Eye Glass 1 set		
12.10	Soft copy of Manual in CD 1 Nos		
12.11	Nozzle tightening jig 1 set		
12.12	Protection glass removal jig 1 set Lens 1 set		
12.13	Anti Vibration to be provided 1 set		
12.14	UPS Uninterrupted Power Supply is required for machine 1 set		
12.15	Thyristor based Voltage Stablizer suitable for machine 1 set		
12.16	Air compressor 100 CFM with Blower & Air Dryer 1 Set		
13	Documentation		
	Machine Manuals		
13.1	Mechanical maintenance manual 2 sets each (one hard copy and one soft copy)		
13.2	Electrical maintenance manual 2 sets each (one hard copy and one soft copy)		
13.3	Detailed Layout plan		
13.4	Operating and Programming Instruction		
13.5	Installation and Commissioning Instructions		
13.6	Quality Test and Accuracy Test Chart Records		
13.7	Circuit Diagrams		
13.8	Maintenance / Repair Charts		
13.9	Preventive Maintenance Instructions		




 05/10/2020
 Page No 2

13.10	Lubrication Chart & Lubricant list		
13.11	Instruction manual for supplied Coolant Concentrate, 1 st Filling and Coolant Maintenance		
13.12	Detailed packing list of all Items and devices and detailed prospect of machine & all other Accessories to be enclosed in the respective boxes. Lifting instruction to be shown in packing list.		
13.13	Spare Parts Manual		
14	SAFETY ARRANGEMENTS		
14.1	Machine should have adequate and reliable safety interlocks/ devices to avoid damage to the machine workpiece and the operator due to the malfunctioning of mistakes. Machine functions should be continuously monitored and alarm/warning indications through lights/ alarm number with messages (on CNC display and panels) should be available		
14.2	detailed list of all alarms/indications provided on the machine should be submitted by the supplier		
14.3	All the pipes, cables etc on the machine should be well supported and protected		
14.4	All the parts used on machine should be statically & dynamically balanced to avoid undue vibrations		
14.5	Emergency switches at suitable locations as per international norms are to be provided		
14.6	The machine should comply with the essential safety and health regulations		
14.7	If any safety/ environmental protection enclosed is required it should be built in the machine by the supplier		
15.0	Warrantee for machine 2 year Minimum		
16	Installation & Commissioning		
16.1	The machine to be inspected as per accuracy chart before dispatch at supplier site. The suppliers to prove out the "Test Components" in all aspects. Acceptance and Qualification during Pre Dispatch Inspection (PDI) at supplier end. Release of machine for dispatch after successful completion of acceptance test, post PDI.		
16.2	The complete installation and commissioning must be carried out by the supplier for all the machines at the final destination/premises. A final accuracy test to be conducted by the purchaser/consignee. Final accuracy test report is to be signed jointly by Purchaser/consignee and supplier. Final acceptance would be given after conducting the accuracy test at the installation location.		
17	Colour Scheme of Machine		
17.1	Machine Colour : As per Company standard . The machine to be applied with two coats of red oxide primer followed by two coats of automotive spray paint of good quality with a minimum coat thickness of 50 microns.		
18	Manufacturing Quality Assurance		
18.1	The bidder / OEM should submit the Standard Quality Assurance Plan being adopted during manufacturing of the machine tool. The bidder should have adequate in-house manufacturing, measurement and testing facilities, in order to ensure the accuracies and quality of the product. Purchaser reserves rights to evaluate the technical competence / capability of the bidder / OEM. In case the Manufacturing Quality Assurance Plan submitted is not found to be satisfactory, the offer is liable to be rejected.		
19	Service Setup		
19.1	Supplier shall have a technical service team in the province/state so that they can reach the location of supply in 24 hours. Give the details of the nearest Service centre and the details of the technical personnel based in that area. The party shall give an undertaking to stock the essential spares in such service depots/office		
20	FOUNDATION		
20.1	supplier shall submit complete Foundation Design including details viz. static / dynamic load details etc. and Final Layout drawings for approval within one month from the date of award of the contract The layout should consist of all requirements pertaining to complete machine including space requirement for Voltage Stabilizer, Isolation Transformer, Air compressor, Chip Bin & any other accessories. supplier should arrange equipments required for the testing of foundation, if required by the supplier.		

05/10/2020
28/10/2020
Page No-3

21	Training		
21.1	To be provided for one machine at each of the final destinations		
21.2	Operator training - 5 days.		
21.3	Maintenance course mechanical, electrical and electronics - 5 days.		
	Important note:		
	The bidder must provide exact and relevant input against the specified features having "numerical values" or "% values" or any "specific requirement" in the same format as specified in the tender document. Any response specifying Confirmed / Agreed / Complied etc. shall be summarily rejected		


 05/CP
 27/6/2020
 Page No 4